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While every effort is made to provide accurate and current information, Indiana University reserves the right to change without notice statements in the bulletin series concerning rules, policies, fees, curricula, courses, or other matters.
When you become a student at Indiana University, you join an academic community internationally known for the excellence and diversity of its programs. Indiana University is one of the nation’s oldest and largest state universities, with eight campuses serving 93,000 students. IU also offers courses through facilities at Columbus, Elkhart, and many other sites.

**Indiana University Campuses**
Indiana University Bloomington
Indiana University–Purdue University Indianapolis
Indiana University East (Richmond)
Indiana University–Purdue University Fort Wayne
Indiana University Kokomo
Indiana University Northwest (Gary)
Indiana University South Bend
Indiana University Southeast (New Albany)
Indiana University

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Christy A. Harper, A.S., Manager, Continuing Studies Non-Credit Programs
Mary Anne Baker, Ph.D., Director of Institutional Research
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Indiana University shall take affirmative action, positive and extraordinary, to overcome the discriminatory effects of traditional policies and procedures with regard to the disabled, minorities, women, and Vietnam-era veterans.

An Affirmative Action office on each campus monitors the university’s policies and assists individuals who have questions or problems related to discrimination.
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Indiana University Southeast

Indiana University is one university with eight campuses. As one of those campuses, Indiana University Southeast (IUS) belongs to a distinguished tradition of academic excellence that began in 1820 with the founding of Indiana University in Bloomington. This tradition emphasizes scholarship in the liberal arts, plus professional education at the undergraduate and graduate levels. Indiana University is a leader in international education, with opportunities for study in over two dozen locations around the globe.

Whatever your educational aspirations are, Indiana University is likely to have a high-quality academic program for you. Many of these excellent programs are available at Indiana University Southeast, so you may take advantage of IU opportunities without leaving home.

The Mission
The mission of Indiana University Southeast is to be a challenging, innovative, and supportive learning community committed to the intellectual and social growth of students, to the cultural and economic well-being of both Southern Indiana and the Greater Louisville Metropolitan area, and to the advancement of knowledge in the context of a global society.

We offer high-quality undergraduate and graduate programs that provide the opportunity for dedicated students to graduate with skills and knowledge for growth and success, that are responsive to the changing needs of students and the community, and that provide a bridge to the future while maintaining the traditional strengths of Indiana University.

Academic Sessions
Indiana University Southeast offers four sessions during the year: fall and spring semesters of 15 weeks each, and two 6-week summer sessions. A student may enter at the beginning of any of these sessions. Weekend classes are offered during the fall and spring semesters.

Facilities
At present there are ten buildings on campus:
Activities Building:
- recreational and athletic facilities
- offices of the athletic and recreation staff
Crestview Hall:
- School of Social Sciences
- largest number of classrooms
- computer services facilities
- Applied Research and Education Center

Hillside Hall:
- classrooms
- School of Business
- School of Education

Knobview Hall:
- School of Arts and Letters
- foreign language laboratory
- Writing Help Center
- fine arts studios
- Student Development Center
- media services
- Division of Continuing Studies
- Basic Supervision Program

Library Building:
- library collection
- Institute for Learning and Teaching Excellence
- administrative offices
- student organization offices
- University Division
- bookstore
- IUS archives

Life Sciences Building:
- classroom and laboratory space for biology, computer science, mathematics, nursing, psychology, and science education
- Mathematics Laboratory
- School of Natural Sciences
- Division of Nursing

Paul W. Ogle Cultural and Community Center:
- Richard K. Stem Concert Hall
- Ronald L. Barr Gallery
- Robinson Theater
- Black Box Theater
- Recital Hall
- Ogle Center Offices
- Ogle Center Ticket Office

Physical Sciences Building:
- offices and laboratory facilities for chemistry and physics
- Purdue Statewide Technology Program facilities

Service Building:
- Physical Plant Department
- mail services
- printing and duplicating services
- central air-conditioning equipment
- maintenance shops

University Center:
- information desk
- student commons
- food service
- conference rooms
Library Services
The IUS Library contains more than 600,000 volumes in a variety of formats, including printed and electronic books, sound recordings, audio-visual materials, and microforms. It subscribes to more than 1,000 periodicals, is a selective depository for United States government publications, and includes a curriculum laboratory that contains K-12 textbooks, media kits, and other teaching materials. The library is home to the Ars Femina Archives, a special collection of music scores authored by women. The library also houses the IUS archives.

Computer-assisted reference service is available, and the Library offers a rich array of Web-based, full-text information resources, including thousands of online newspapers and scholarly journals. Library tours and bibliographic instruction classes are offered throughout the year.

The Indiana University libraries are linked through a shared, Web-based catalog, IUCAT, which uses SIRSI software. Online public access catalog terminals are located throughout the IUS library, furnishing access to more than 7,000,000 volumes in the IU library system and to library collections throughout the region. Access to these resources is also available from offices and computer labs across campus as well as from remote sites via the library’s Web page.

Through interlibrary loan, students, faculty, and staff at Indiana University Southeast have easy access to the research collections on the Bloomington and Indianapolis campuses and around the nation. In addition, the library collections of colleges and universities in the Louisville metropolitan area are made available through Kentuckiana Metroversity cooperative agreements. The online catalogs of all these libraries have linked access to each other.

Computer Services
IUS maintains a high-speed campuswide data network to which all students, faculty, and staff are given access. A large number of general and specialized computing applications are supported in both stand-alone and network versions, on Wintel and MacIntosh computers. Applications include word processing, spreadsheets, database management, presentation tools, statistical analysis, programming languages, and World Wide Web browsers and development tools.

IUS participates in the Indiana University data network, which is connected to the Internet and other high-speed networks. These connections afford access to numerous computing resources throughout Indiana University and the world.

In general, computing resources are state-of-the-art, and can provide appropriate functionality for virtually any instructional or resource need.

Metroversity
IUS is a member of Kentuckiana Metroversity, Inc., a consortium of institutions of higher education in the Louisville metropolitan area. Subject to Metroversity rules and those of the host institution, a full-time student may register for a maximum of 6 undergraduate credit hours during any one semester as a visitor at another member school. Because there are many hundreds of courses available in the consortium, the educational horizons of any one student are significantly widened. Once tuition has been paid at the home institution, the student becomes eligible for all the benefits of Metroversity without additional cost.

Accreditation
Indiana University Southeast is accredited by The Higher Learning Commission and a member of the North Central Association located at 30 N. LaSalle Street, Suite 2400, Chicago, IL 60602-2504. Phone: 1-800-621-7440. Specific programs are accredited by the following organizations:

AACC — The International Association for Management Education
600 Emerson Road, Suite 300
St. Louis, MO 63141-6762
(314) 872-8481

American Chemical Society
1155 Sixteenth Street NW
Washington, DC 20036
(202) 872-4589

American Nurses Credentialing Center’s Commission on Accreditation
600 Maryland Avenue SW
Suite 100W
Washington, DC 20024
(202) 651-7000

Commission on Collegiate Nursing Education
One Dupont Circle, Suite 530
Washington, DC 20036-1120
(202) 463-6930

Indiana Department of Education
Room 229, State House
Indianapolis, IN 46204-2798
(317) 232-6610
Indiana State Board of Nursing
Bureau of Health Professions
402 W. Washington Street, Room 041
Indianapolis, IN 46204
(317) 232-2960

National Council for Accreditation of Teacher Education
2010 Massachusetts Avenue NW, Suite 500
Washington, DC 20036-1023
(202) 466-7496

History
In 1941 the Falls Cities Area Center in Jeffersonville opened as an Indiana University extension. Initially, classes took place at Jeffersonville and New Albany High Schools. In 1945 the university acquired the National Youth Administration building in Jeffersonville’s Warder Park, and the center was renamed the Southeast Center of Indiana University. In 1957 the old National Youth Administration building underwent extensive renovation and the name was changed to East Hall. Over the next ten-year period, the campus acquired five other buildings. In 1963 the Southeastern Center became the Southeastern Campus of Indiana University and took on an expanded academic mission, offering courses in completion of many bachelor’s degrees. Indiana University Southeast became the official name in 1968. Because of projected enrollment growth, civic leaders in New Albany offered to raise $500,000 to purchase land for a new campus. Construction began in 1971, and the move from Jeffersonville took place in 1973. The campus began granting degrees in 1968 and today has more than 13,000 alumni.

Floyd I. McMurray served as director from 1941 to 1956. Byron F. Laird held that post from 1956 to 1965. Edwin W. Crooks, who became the first chancellor in 1968, led the campus from 1966 until 1985. Leon Rand took office in 1986. F. C. Richardson was installed as the current chancellor in 1996.

The Campus
Indiana University Southeast has been called one of the most beautiful and distinctive campuses in Indiana. Set on 180 acres of rolling land at the base of the scenic Floyds Knobs, the campus features ten major buildings whose architecture complements the natural beauty of the land. The focal point of the campus is McCullough Plaza, where paths from all buildings converge at the base of the campus clock.

IUS is located in New Albany, Indiana, just north of I-265 at the Grant Line Road exit. The location provides ready access to commuters and visitors from throughout southeastern Indiana and the greater Louisville, Kentucky, area. All who live in IUS’s service region, which includes nine counties in Indiana and three in Kentucky, may reach the campus in less than an hour’s drive. Downtown Louisville is ten minutes away.

Within easy reach are Kentuckiana’s countless attractions and opportunities: the Kentucky Center for the Arts, with its orchestra, ballet, and opera; Churchill Downs; the Speed Art Museum; the Science Center; and Actors Theatre, the nationally acclaimed repertory company. Equally accessible is the area’s natural beauty: the Falls of the Ohio State Park, southern Indiana hill country, Patoka Lake recreation area, Clifty Falls State Park, and French Lick, to name just a few places where you may relax and enjoy a variety of outdoor activities.

The Faculty
IU Southeast prides itself on the quality of its faculty and programs and the way it serves the region. IUS is a medium-sized campus. Its faculty profile, however—as measured in academic backgrounds, research and creative activities, and percentage of doctoral degrees—is that of a major university. More than 160 resident faculty members teach at IUS, augmented by a cadre of adjunct professors. Over 85 percent of the resident faculty hold the doctoral degree or its equivalent in their field.

IUS professors believe that being active scholars makes them better teachers. Students benefit from the faculty’s dual commitment to productive research and good teaching, not only in the classroom but in the opportunity to work directly with professors on research projects. Because of such research projects, a number of students have had the rare undergraduate opportunity to present their findings in scholarly papers or journals on a national level. Not only do students benefit from close contact with professors, but they also have access to sophisticated equipment and a range of learning opportunities, which at many universities are reserved only for graduate students.

Academic Life
At Indiana University Southeast, you will face challenges as never before, but you won’t have to face them alone. Professors and staff will help you achieve your academic goals and fulfill your potential.

For example, they will help you develop the collegiate skills you need to succeed in upper-level courses. These skills include critical thinking, research methods, writing, mathematics, and computer literacy.
As an IUS student, you will not only have access to a good undergraduate library, but you may also take advantage of the extensive holdings throughout Indiana University, including the fine professional libraries on the Bloomington campus. Your student ID card will also permit you to use libraries in the colleges in the Louisville area that make up the Kentuckiana Metroversity. In other words, with registration at IUS you gain access to a world of educational resources.

IUS also requires that all degree candidates, regardless of major, take a solid foundation in arts, letters, mathematics, and sciences, to acquire the breadth of knowledge that is expected of college graduates and that is vital to learning in a changing world.

Two out of three students select career-focused majors in such fields as education, business, nursing, and computer science. The remainder choose majors in social and natural sciences, humanities, and the arts to prepare themselves for graduate study or career opportunities.

More than four out of five IUS graduates enter the job market immediately. About 15 percent enter graduate and professional schools.

How much time you take to complete your program or achieve your educational goal is up to you. If you can devote full time to your studies, you are encouraged to complete your degree within the traditional four years. If you find it necessary to combine study with work or family responsibilities, or if you have some catching up to do, you may choose to move at a slower pace.

Seniors in high school can take courses at IUS to get a head start in college, and they may gain advanced placement in some subjects by examination.

IUS offers courses from 8 in the morning until 10 at night, so that you may combine an academic schedule with work and family obligations. The “Weekend University” schedule extends your study alternatives, making courses available at IUS seven days a week. Parents may wish to take advantage of the IUS child care center.

**Academic Programs**

Indiana University Southeast offers two-year associate and four-year bachelor’s degree programs in a wide range of liberal arts, preprofessional, and professional studies. Graduate programming in business, education, and nursing allows professionals to earn master’s degrees. An interdisciplinary Master in Liberal Studies degree is also available. Through the Division of Continuing Studies students may take credit and noncredit courses in a universe of subjects, from Japanese culture to beekeeping.

**The Student Body**

IUS is large enough to ensure a complete university experience, yet small enough to preserve individual identity. Most IUS students are from southern Indiana. Most work while going to school, many of them full time. Over half receive some kind of help through the Office of Student Financial Assistance. While half of the student body consists of “traditional” students who come directly from high school, many others have returned to college after a number of years to upgrade skills, seek enrichment, and prepare for new careers. Increasing numbers of students are coming from Kentucky. The new reciprocity agreement allows Kentucky residents from Jefferson, Oldham, and Bullitt counties to attend IUS for in-state tuition rates.

**Bad Weather Policy**

Normally Indiana University Southeast does not cancel classes due to bad weather. On those rare occasions when conditions indicate that a delay or a cancellation is necessary, an official announcement will be broadcast on WHAS AM radio (840) and WAVG AM radio (1450). The announcement will either state that classes will be delayed on the snow schedule listed below or will be cancelled for a specific period of time. On the snow schedule, only emergency personnel should report prior to the time indicated. Campus closing information is also available by calling (812) 941-2567, (812) 941-2662, or 1-800-863-2020.

**Snow Schedule**

*Monday through Friday classes:*

- 8 a.m. classes meet from 10 a.m. until 10:55 a.m.
- 9:30 a.m. classes meet from 11 a.m. until 11:55 a.m.
- 11 a.m. classes meet from 12 noon until 12:55 p.m.
- All other classes meet at regular times.

*Saturday classes:*

Morning classes meet from 10:00 a.m. until 12 noon.
Afternoon classes meet at regular times.

*Off-campus classes:*

Off-campus classes meet according to those facilities’ schedules.
Admission and Transfers

Indiana University has adopted the following admissions policy to ensure that undergraduate students are properly prepared for college course work. These standards as adopted seek to ensure either adequate academic preparation in high school or evidence of unusual motivation on the part of each student admitted to the university. Additionally, Indiana University supports Core 40 and recommends that Indiana high school graduates complete the Core 40 curriculum. The following requirements for admission became effective the first semester 1991-92:

Admission Requirements for Entering Freshmen1

1. Successful applicants must graduate from a commissioned Indiana high school or comparable out-of-state institution, and successfully complete a minimum of 28 semesters of college-preparatory courses, which include:
   (a) Eight semesters of English (one semester each of speech and journalism may be included).
   (b) Four semesters of social science (economics, government, history, psychology, or sociology).
   (c) Four semesters of algebra (two semesters of which must be advanced algebra) and two semesters of geometry.
   (d) Two semesters of laboratory science (biology, chemistry, or physics).
   (e) Eight semesters in some combination of foreign language; additional mathematics, laboratory science, or social science; computer science; and other courses of a college-preparatory nature.
   (f) Four semesters of foreign language are strongly recommended.
   (g) Courses that develop writing composition skills are strongly recommended.

2. In-state residents must rank in the upper half of the high school graduating class; out-of-state students must rank in the upper third of the high school graduating class.

3. Applicants must score above the median established by Indiana students on a nationally standardized admissions test. Students who have been out of high school for three or more years do not have to submit test scores unless required for admission to specific programs.

4. Each campus may accept students who are deficient in one, two, or three of the above specifications upon receipt of evidence such as the combination of strength of college-preparatory courses and standardized test scores. For persons who do not meet the above criteria and have been out of high school three or more years, admission can be based on other factors such as a General Education Development (GED) diploma, maturity, work experience, military service, and other factors as determined by the campus.

5. Each campus at its discretion may admit a student on a probationary basis and/or through faculty sponsorship.

Admission Requirements for Transfer Students1

1. Transfer students must submit official transcripts from all previous institutions attended.

2. Indiana residents must submit transcripts that reflect a cumulative grade point average of at least 2.0 (on a 4.0 scale); out-of-state students must have at least a 2.5 (on a 4.0 scale).

3. To be considered a transfer student, students must have earned at least 26 credit hours from an approved institution of higher education. The student who has fewer than 26 transferable college credit hours must comply with freshman admission requirements as specified above. Students meeting the admissions requirements will be accepted as regular admits. Students not meeting the requirements may be admitted on probation or stipulated status under the IUS admissions criteria. When students do not qualify upon first application, they will be counseled about ways of removing deficiencies so that they may qualify for admission at a later date.

If any provision of this policy is held invalid, the invalidity does not affect any other provision that can be given effect without the invalid provision; to this end the provisions of the policy are severable.

Applications

Applications may be filed after completion of the junior year in high school. Early admission will be granted to superior students who have completed the required tests and are taking the necessary senior subjects. Transfer applicants may apply during the school year preceding proposed entry. Priority dates for applications are December 1 for spring semester, April 15 for first summer session, June 1 for second summer session, and July 15 for fall semester. Students from other universities who desire to attend as nondegree students must apply for admission and submit an official transcript from the home.
institution. (Nondegree student status requires that students be in good standing at their home institutions with grades that average C or better.) A nonrefundable application fee is required of each applicant who is new to the university. All questions concerning admission should be directed to the Office of Admissions at Indiana University Southeast.

Special Admissions
Under certain circumstances students may be admitted to one of the following special categories as noted below.

Provisionally admitted transfer students are those who have previously attended college and are admitted to nondegree status because their cumulative grade point averages for all previous college course work attempted are less than 2.0 (C).

Students who are seeking degrees at institutions other than Indiana University and who are in good academic standing may be admitted to nondegree status at IUS. Also, students holding bachelor’s degrees who wish to enroll for either undergraduate or graduate courses but not in pursuance of degrees are classified as nondegree students. Students applying for nondegree status are required to submit the application, application fee, and official transcripts.

High School Superior students currently attending local high schools may be granted permission to enroll for certain predetermined classes at IUS.

Auditing Some students may wish to enroll in a course without working for or expecting to receive formal credit. They may enroll as special audit students. New students must be eligible for admission. The application for admission, the application fee, and appropriate academic credentials are required. Students previously enrolled or concurrently enrolled in credit courses may enroll as auditors by informing registration personnel during the registration period or before the first class meeting. Changes to credit and noncredit status are prohibited after the second week of classes (first week of classes in summer sessions), unless approved by the vice chancellor for academic affairs. Fees for audit courses are the same as for credit courses. Courses completed as audits will be entered on the student’s transcript with an “NC” notation for “no credit” in place of a grade. The NC notation recorded for an audited course may not be changed subsequently to a regular grade for credit.

Inter-Campus and Intra-University Transfers
Students who have been regularly admitted to Indiana University, who have attended one campus or who are in one degree-granting school or division, and who have maintained the required grade point average (usually 2.0) may ordinarily transfer to another IU campus or another degree-granting school or division by complying with established procedures. The appropriate academic dean should be consulted for further information.

See also “Transfer to Other Indiana University Campuses” in the “Academic Regulations” section.

Credit Transfer Policy for Bachelor’s Degrees
Students wishing to transfer from other institutions should request admission and transfer of credit by submitting official transcripts from each institution previously attended and by meeting requirements for transfer students. Transcripts should be sent to the IUS Office of Admissions for evaluation.

Courses completed at an approved institution of higher education before admission to Indiana University Southeast may be applied toward graduation requirements. It is expected, however, that a substantial part of every student’s work, especially in the major field of study, will be completed at Indiana University Southeast. Ordinarily, the maximum number of transfer credit hours that may be counted toward the minimum 120 credit hours necessary for graduation is 90 credit hours, including credit earned at other campuses of Indiana University. Not more than 60 credit hours earned in approved junior colleges may be applied toward a degree.

No credit will be allowed at Indiana University for courses taken at another institution in which students have received a grade of C– or lower. Grades of C or above are entered on the student’s transcript; they are not, however, computed for purposes of determining grade point averages. Grades earned at any campus of Indiana University which have been certified as transferable for credit are used to compute grade point averages.

IU Southeast does not automatically accept transfer credits for college course work taken prior to graduation from high school. Students who wish to obtain transfer credit for such course work will be asked to provide information about the nature and circumstances of the courses taken so that the request for transfer credit can be evaluated.

Advanced Placement and/or Credit
Indiana University Southeast will grant placement into courses and/or credit in courses it offers
provided that students meet criteria acceptable to the appropriate department.

**Advanced Placement**  Many courses at the university have prerequisites or demand a certain level of proficiency. In some cases students may be placed into an advanced course after proving proficiency on an examination. Placement into such advanced courses is a method of satisfying the entrance requirements for the advanced courses, but credit is not automatically granted.

**Advanced Credit**  In some instances a student receiving advanced placement may also receive credit that may be used to satisfy graduation requirements. The standards of performance for advanced credit are higher than for advanced placement.

Departmental criteria for both advanced placement and advanced credit are set by the IUS faculty of the appropriate department. Standards are necessarily similar to standards on other IU campuses.

Students may use the Scholastic Aptitude Test (SAT), the Advanced Placement Program, the College Placement Program, the College Level Examination Program (CLEP), other national tests, and/or some instruments devised by IUS faculty to demonstrate that they meet the standards for advanced placement and/or advanced credit.

Usually advanced placement and advanced credit are of greatest value to new students, but other students should consult the department involved, since they too may benefit from the availability of these programs.

The number of advanced credit hours that will be allowed toward graduation is determined by the school or division awarding the degree.

**Graduate Students**
A student planning to complete one of the master’s degrees offered by Indiana University Southeast must apply for and be accepted into the desired graduate program. Information can be secured at the appropriate office. Other students wishing to register for graduate courses at Indiana University Southeast must have their admissions cleared in advance with the dean of the school in which they wish to earn their degrees. If students register for graduate credit without the approval of their school, they do so without the assurance that credit for such work may be applied toward fulfilling requirements for an advanced degree.

**Second Undergraduate Degree**
Normally the holder of a bachelor’s degree who wishes to pursue a further educational goal should seek entry into a graduate program. In certain cases, however, the vice chancellor for academic affairs may admit a bachelor’s degree holder to candidacy for an associate degree or a second bachelor’s degree. Forms to petition for such admission are available through the Office of Admissions. When such admission is granted, the candidate must meet the requirements of the school or division and of the department in which the student is a candidate. Candidates for a second bachelor’s degree must earn at least 26 additional credit hours in residence. The student must apply for undergraduate admission and meet all requirements as stated under the section entitled “Transfer Applicants.”

**Fees and Financial Assistance**
This section explains what fees you will be required to pay, how to pay the fees correctly, how to determine if you qualify for in-state tuition rates, and what financial assistance is available to you.

**Fees**
Fees are due at the time of registration each semester and are subject to change by action of the Board of Trustees of Indiana University.

A nonrefundable application fee is charged all students who are new to the university.

**Basic Costs**
Expenses for attending Indiana University Southeast for an academic year, including in-state tuition and books and supplies, total approximately $3,500. Expenditures for clothing, travel, entertainment, and personal items are not included in this estimate.

**Checklist**
Students who have academic deficiencies or unpaid bills may be placed on the checklist. Students whose names appear on the university checklist are not permitted to register or to receive certified records without authorization from the university office that checklisted the student.

**Refunds**
Whenever an insufficient number of students register for a course, the university reserves the right to cancel the course and refund all fees.

A student who withdraws from a course or courses during the first four weeks of fall and spring semesters, or the first two weeks of a summer session, may be eligible for a refund. The student must withdraw from classes at the Office of the Registrar during the specified period to be eligible for a refund. Students are advised to consult the fee
schedule section of the *IU Southeast Schedule of Classes* to determine the current refund schedule. Continuing Studies course refunds will not be made after the first class meeting.

The processing of student fee refunds takes up to six weeks. A Student Fee Refund Appeals Committee will review special cases when individual circumstances may warrant exceptions from the published policy for up to one year after the withdrawal in question. A written request must be addressed to the Office of the Bursar in the Library Building, room 100.

**Credit Cards**

Students may use Visa, MasterCard, and Discover credit cards to pay fees. Any credit on an account paid by credit card must be credited back to the credit card account first. Any remaining credit over $10 would then be issued in the form of a check.

**Deferred Fee**

Students authorized to defer fees must make an initial payment of approximately 40 percent of the total fee assessed. A deferment fee is charged for this service. The balance of fees is due in two equal payments—October 15 and November 15 for the fall semester and February 15 and March 15 for the spring semester. No deferments are made during the summer sessions.

**Past Due Accounts**

For any given semester that a student enrolls at IU Southeast, there is a specific due date for fee payment. This date is listed both on the Schedule Confirmation/Account Statement and in the Schedule of Classes. IU Southeast also mails monthly statements; payment is due by the 15th of the following month. These statements may be for personal deferments, VA deferments, financial aid deferments/repayments, sponsored fee adjustments, application fees, forfeited fees, returned checks and fees, advanced checks, child care charges, parking fines, library charges, transcript fees, charges from other IUS departments, charges from other IU campuses, etc.

Once an account becomes 30 days past due, it will be flagged to prevent the holder from negotiating checks on campus. In addition, the account holder will not be allowed to register, obtain a personal deferment, or obtain an official transcript until the debt is paid in full.

To resolve a past due account, payment in full must be made with guaranteed funds (cash, credit card, money order, cashier’s check, etc.). When an account continues to be past due, IU Southeast will forward the account to a third party collection agency. These accounts will also be reported to the various national credit rating bureaus.

Any questions on this policy should be directed to the Office of the Bursar, Library Building, room 100, phone (812) 941-2335, or e-mail bursar@ius.edu.

**Hours of Operation for the Bursar’s Office are:**

- 8:00 a.m. to 6:00 p.m. Monday, Tuesday, and Wednesday
- 9:00 a.m. to 6:00 p.m. Thursday
- 8:00 a.m. to noon and 1:15 p.m. to 5:00 p.m. Friday

**Credit by Examination**

As of May 1, 1996, tuition charges for credit earned by examination are waived for undergraduate students after their matriculation at Indiana University Southeast; however, a modest credit-hour recording fee may be assessed. There will be no tuition charges or credit-hour recording fees assessed when a student is exempted from a course or requirement by examination but does not receive credit.

**Schedule of Fees**

The Trustees of Indiana University determine the fee schedule for all Indiana University campuses. Since this schedule is subject to change from session to session, students are advised to consult the fee schedule section of the *IU Southeast Schedule of Classes* to determine the current fees for any given session.

Students are advised to make no payments to any administrative employee or faculty member who cannot furnish an official Indiana University receipt.

**Rules Determining Resident and Nonresident Student Status for Indiana University Fee Purposes**

These Rules establish the policy under which students shall be classified as residents or nonresidents upon all campuses of Indiana University for University fee purposes. Nonresident students shall pay a nonresident fee in addition to fees paid by a resident student.

These Rules shall take effect February 1, 1974; provided, that no person properly classified as a resident student before February 1, 1974, shall be adversely affected by this Rule, if he or she attended the university before that date and while he or she remains continuously enrolled in the university.

1. “Residence” as the term, or any of its variations (e.g., “resided”), as used in the context of these Rules, means the place where an individual has his or her permanent home, at which he or she remains when not called elsewhere for labor, studies, or other special or temporary purposes,
and to which he or she returns in seasons of repose. It is the place a person has voluntarily fixed as a permanent habitation for himself or herself with an intent to remain in such place for an indefinite period. A person at any one time has but one residence, and a residence cannot be lost until another is gained.

(a) A person entering the state from another state or country does not at that time acquire residence for the purpose of these Rules, but except as provided in Rule 2(c), such person must be a resident for 12 months in order to qualify as a resident student for fee purposes.

(b) Physical presence in Indiana for the predominant purpose of attending a college, university, or other institution of higher education, shall not be counted in determining the 12-month period of residence; nor shall absence from Indiana for such purpose deprive a person of resident student status.

2. A person shall be classified as a “resident student” if he or she has continuously resided in Indiana for at least 12 consecutive months immediately preceding the first scheduled day of classes of the semester or other session in which the individual registers in the university, subject to the exception in (c) below.

(a) The residence of an unemancipated person under 21 years of age follows that of the parents or of a legal guardian who has actual custody of such person or administers the property of such person. In the case of divorce or separation, if either parent meets the residence requirements, such person will be considered a resident.

(b) If such person comes from another state or country for the predominant purpose of attending the University, he or she shall not be admitted to resident student status upon the basis of the residence of a guardian in fact, except upon appeal to the Standing Committee on Residence in each case.

(c) Such person may be classified as a resident student without meeting the 12-month residence requirement within Indiana if his or her presence in Indiana results from the establishment by his or her parents of their residence within the state and if he or she proves that the move was predominantly for reasons other than to enable such person to become entitled to the status of “resident student.”

(d) When it shall appear that the parents of a person properly classified as a “resident student” under subparagraph (c) above have removed their residence from Indiana, such person shall then be reclassified to the status of nonresident; provided, that no such reclassification shall be effective until the beginning of a semester next following such removal.

(e) A person once properly classified as a resident student shall be deemed to remain a resident student so long as remaining continuously enrolled in the university until such person’s degree shall have been earned, subject to the provisions of subparagraph (d) above.

3. The foreign citizenship of a person shall not be a factor in determining resident student status if such person has legal capacity to remain permanently in the United States.

4. A person classified as a nonresident student may show that he or she is exempt from paying the nonresident fee by clear and convincing evidence that he or she has been a resident (see Rule 1 above) of Indiana for the 12 months prior to the first scheduled day of classes of the semester in which his or her fee status is to be changed. Such a student will be allowed to present his or her evidence only after the expiration of 12 months from the residence qualifying date, i.e., the date upon which the student commenced the 12-month period for residence. The following factors will be considered relevant in evaluating a requested change in a student’s nonresident status and in evaluating whether his or her physical presence in Indiana is for the predominant purpose of attending a college, university, or other institution of higher education. The existence of one or more of these factors will not require a finding of resident student status, nor shall the non-existence of one or more require a finding of nonresident student status. All factors will be considered in combination, and ordinarily resident student status will not result from the doing of acts which are required or routinely done by sojourners in the state or which are merely auxiliary to the fulfillment of educational purposes.

(a) The residence of a student’s parents or guardians.

(b) The situs of the source of the student’s income.

(c) To whom a student pays his or her taxes, including property taxes.

(d) The state in which a student’s automobile is registered.

(e) The state issuing the student’s driver’s license.

1Rules 2(b) and 2(c) apply only to unemancipated persons under 21 years of age.

2Invocation of the provision in Rule 2(a) that applies to cases of divorce or separation requires appropriate legal documentation.
(f) Where the student is registered to vote.

(g) The marriage of the student to a resident of Indiana.

(h) Ownership of property in Indiana and outside of Indiana.

(i) The residence claimed by the student on loan applications, federal income tax returns, and other documents.

(j) The place of the student’s summer employment, attendance at summer school, or vacation.

(k) The student’s future plans including committed place of future employment or future studies.

(l) Admission to a licensed profession in Indiana.

(m) Membership in civic, community, and other organizations in Indiana or elsewhere.

(n) All present and intended future connections or contacts outside of Indiana.

(o) The facts and documents pertaining to the person’s past and existing status as a student.

(p) Parents’ tax returns and other information, particularly when emancipation is claimed.

5. The fact that a person pays taxes and votes in the state does not in itself establish residence, but will be considered as hereinbefore set forth.

6. The registrar or the person fulfilling those duties on each campus shall classify each student as resident or nonresident and may require proof of all relevant facts. The burden of proof is upon the student making a claim to a resident student status.

7. A Standing Committee on Residence shall be appointed by the president of the university and shall include two students from among such as may be nominated by the student body presidents of one or more of the campuses of the university. If fewer than four are nominated, the president may appoint from among students not nominated.

8. A student who is not satisfied by the determination of the registrar has the right to lodge a written appeal with the Standing Committee on Residence within 30 days of receipt of written notice of the registrar’s determination, which committee shall review the appeal in a fair manner and shall afford to the student a personal hearing upon written request. A student may be represented by counsel at such hearing. The committee shall report its determination to the student in writing. If no appeal is taken within the time provided herein, the decision of the registrar shall be final and binding.

9. The Standing Committee on Residence is authorized to classify a student as a resident student, though not meeting the specific requirements herein set forth, if such student’s situation presents unusual circumstances and the individual classification is within the general scope of these Rules. The decision of the committee shall be final and shall be deemed equivalent to a decision of the Trustees of Indiana University.

10. A student or prospective student who shall knowingly provide false information or shall refuse to provide or shall conceal information for the purpose of improperly achieving resident student status shall be subject to the full range of penalties, including expulsion, provided for by the university, as well as to such other punishment which may be provided for by law.

11. A student who does not pay additional monies which may be due because of his or her classification as a nonresident student within 30 days after demand, shall thereupon be indefinitely suspended.

12. A student or prospective student who fails to request resident student status within a particular semester or session and to pursue a timely appeal (see rule 8) to the Standing Committee on Residence shall be deemed to have waived any alleged overpayment of fees for that semester or session.

13. If any provision of these rules or the application thereof to any person or circumstance is held invalid, the invalidity does not affect other provisions or applications of these rules which can be given effect without the invalid provision or application, and to this end the provisions of these rules are severable.

Reciprocity Between Indiana and Kentucky

A “Memorandum of Understanding between Indiana and Kentucky Regarding Tuition Reciprocity 1997-2005” permits eligible residents of Bullitt, Jefferson, and Oldham counties in Kentucky to enroll at IU Southeast at resident tuition rates. This agreement began on July 1, 1997, and ends on June 30, 2005. The renewal or termination of the reciprocity agreement, effective July 1, 2005, will be announced no later than July 1, 2004.
The rules for determining residency status for residents of Bullitt, Jefferson, and Oldham counties in Kentucky are the same as the currently established “Rules Determining Resident and Nonresident Student Status for Indiana University Fee Purposes.” Information for prospective students is available from the Office of Admissions, University Center 100, (812) 941-2212. Information for continuing students is available from the Office of the Registrar, Library Building 100, (812) 941-2240.

**Student Financial Assistance**

Patrick Mrozowski, Director of Student Financial Assistance

**Philosophy**

Indiana University Southeast’s financial aid program provides assistance and advice to students who would be unable to pursue their education at the university without such help. Scholarships, grants, loans, and part-time employment are available singly or in various combinations to assist in meeting the difference between the cost of attending IUS and the amount the student and the student’s family can reasonably be expected to provide.

**Eligibility**

Students who are United States citizens, nationals, or permanent residents are eligible for financial aid at IUS. In order to be eligible for most forms of aid, an applicant must be accepted for regular admission to IUS as a degree-seeking student and be enrolled in classes at least half time. Certain types of assistance programs do require that an applicant be a full-time student enrolled in at least 12 credit hours. Loans and many other programs require half-time attendance (6 credit hours). For financial aid purposes half-time is also defined as 6 credit hours in the summer. Most programs require an applicant to demonstrate need for the requested assistance.

**Need Analysis**

Indiana University Southeast uses the federal need analysis system to assist the staff in determining financial need. This system uses a federally mandated formula based upon family income, assets, and other resources of the student and the student’s family to determine the family’s ability to provide for the student’s educational expenses.

In applying for financial aid, each applicant is required to submit the Free Application for Federal Student Aid (FAFSA) according to the instructions on the form. The FAFSA is available at high school guidance offices, public libraries, on the Internet at www.finaid.org, or the IUS Office of Student Financial Assistance. The financial aid staff determines the student’s need upon receiving the completed IUS Financial Aid Data Sheet and the financial data from the FAFSA. Filing by March 1 prior to the fall the student plans to attend will ensure consideration for all federal, state, and institutional programs. Filing after March 1 may eliminate eligibility for some programs. Students selected for verification will be notified in writing of documents needed to complete their file.

**Change of Status**

Students must notify the Office of Student Financial Assistance if they receive any additional financial assistance after filing an application. Any change in the student’s or the family’s financial position should also be reported. In addition, students who have been granted assistance are responsible for notifying the Office of Student Financial Assistance of any change in academic program, residence, telephone number, or marital status. Failure to carry out any of these responsibilities may result in cancellation of the student’s award.

**How to Apply**

1. Complete the IUS Financial Aid Data Sheet each year and submit it to the Office of Student Financial Assistance (OSFA) by March 1 to establish your record in the OSFA. If your application is submitted after the priority date, you still may be awarded aid if you are eligible and funds are available.

   **NOTE:** If you are requesting aid at more than one Indiana University campus for the summer or academic year, a financial aid application should be submitted to each campus. Some awarding policies and practices vary among campuses. Amounts and availability of specific awards may also vary among campuses.

   Also, if you transfer from one Indiana University campus to another, you must submit a financial aid application to the campus to which you are transferring, and notify both campuses involved of your intent to transfer.

   Complete the financial aid application by following the instructions provided. Your Social Security Number is required for all federal assistance. You can only have one identification number with the university.

2. Obtain a Free Application for Federal Student Aid (FAFSA) from your high school or any Indiana University financial aid office. If you are applying only for non-need based aid (i.e., Employee Fee...
Congratulations, Child of Deceased/Disabled Veteran
benefits, merit scholarships, etc.), the FAFSA is not
required. We do, however, encourage you to
apply for ALL types of aid available.

3. Apply for all other types of aid for which you
may be eligible from non-university sources. If
you are an Indiana resident, you should apply for
an Indiana Higher Education Grant by completing
the FAFSA by March 1.

4. Reapply every year to be considered for financial
aid. Awards based upon the submission of this
application are only for the summer and/or the
academic year that you indicate.

Institutional Assistance/Scholarships
Indiana University Southeast offers a number of
merit and need based awards to deserving students.
To be considered for institutional need based
assistance, students must complete the Free
Application for Federal Student Aid (FAFSA) by the
March 1 priority deadline. Students should also
submit a Financial Aid Data Sheet, which is available
from the Office of Admissions, the Office of Student
Financial Assistance, or on the Financial Aid Web site
(www.ius.edu/financialaid/).

Students are also encouraged to apply for the wide
range of scholarships offered by the university or
university supporters. A full list of scholarships is
available from the Office of Admissions, the Office of
Student Financial Assistance or can be obtained on
the IUS financial aid Web site.

Many IUS scholarships for entering freshman require
that the IUS Academic Achievement Scholarship
Application be submitted by March 1. This
application can be obtained from the Office of
Admissions, the Office of Student Financial
Assistance, or from the guidance offices at area high
schools. Application procedures for scholarships
designated for continuing students vary. For
information, please contact the Office of Student
Financial Assistance or the department offering the
scholarship.

Scholarships
Academic scholarships are offered to incoming
students showing outstanding qualities of leadership,
academic ability, and performance. Applications are
available from high school guidance counselors and
the IUS Office of Student Financial Assistance.

Grants
All applicants are considered for the grant programs
on the basis of financial need.

The Federal Pell Grant is available to undergraduate
students attending IUS. Students applying for
financial assistance from the university are expected
to apply for this grant.

The Federal Supplemental Educational Opportunity
Grant (FSEOG) is a federal grant awarded to students
who demonstrate financial need.

University Grants are also available to students who
qualify on the basis of need.

Loans
Two major loan programs available to students are
the Federal Perkins Loan and the Federal Stafford
Loan. Perkins funds are allocated to the institution by
the federal government. The Financial Aid Data Sheet
serves as the application for the Perkins Loan.

Banks, savings and loans, and credit unions, based on
an application obtained from the Office of Student
Financial Assistance, make Federal Stafford and Plus
loans. Banks often contract with servicers to process
loan applications and disbursements. After making
the loan, the lender may sell the loan, either before or
after the loan goes into repayment, to a secondary
market. This will be very important when you need
to obtain additional information about your loan. Check with the Office of Student Financial Assistance
for details/forms.

The Federal Perkins Loan is available to students who
demonstrate financial need. It is repayable with an
interest rate of 5 percent beginning nine months after
graduation or when the student drops to less than
half-time enrollment.

The Federal Stafford Student Loan may be obtained
through private banks. To apply for a Federal
Stafford loan, all undergraduate students must
complete a Free Application for Federal Student Aid
(FAFSA) and a loan information sheet. Students who
have not completed their freshman year may request
funds up to $2,625; sophomores up to $3,500; and
juniors and seniors up to $5,500 per year. Graduate
students may request funds up to $8,500 per year.
Aggregate limits are $23,000 for undergraduate study
and $65,500 for combined undergraduate and
graduate study. Students should check with the
Student Financial Assistance Office for the most
current interest rate.

The Parent Loan Program for Undergraduate Students
PLUS), a major provision of the Education
Amendments of 1980, is a program whereby parents
can borrow up to the difference between cost of
education and other financial aid for each
undergraduate dependent child. The interest rate is
variable with a 10 percent cap, with repayment beginning within 60 days of disbursement of the loan.

**Employment (Work/Study Program)**
The Federal Work-Study Program offers part-time employment to students with financial need. Students employed through this program may work up to 20 hours per week. Employment in this program is usually awarded in conjunction with other financial aid programs.

**Other Aid**
Through the Child of Disabled Veteran Award (CDV), children of disabled veterans of World Wars I or II, the Korean conflict, or the Vietnam era (i.e., those veterans who have suffered service-connected injury, disability, or death) are eligible for a partial remission of fees. Applicants must have resided in the state of Indiana for the year prior to enrolling. A certificate of disability is required for initial consideration. The award may be received for 124 credit hours.

**Military personnel** who take classes while on active duty may receive financial assistance from their service branch for partial payment of fees. Applications for these educational benefits must be made to the appropriate military officials.

**Veteran’s Benefits** of several types are available to IUS students. Veterans discharged after January 31, 1955, may be eligible for Veterans’ Educational Assistance. Veterans with a service-connected disability rated 10 percent or above may also be eligible for Veterans Administration (VA) Vocational Rehabilitation benefits.

Veterans may also apply for a VA education loan.

For further information, interested persons should contact the veterans’ representative located in the IUS Office of the Registrar or the Veterans Administration, Regional Office, 575 Pennsylvania Street, Indianapolis, Indiana 46204.

**Vocational Rehabilitation Benefits** may be available to students with disabilities that interfere with their ability to pursue gainful occupations. Interested persons should apply to the State Vocational Rehabilitation Division, 1452 Vaxter Avenue, Clarksville, Indiana 47131.

**The Senior Citizen Fee Waiver** is for Indiana residents 60 years of age or older, who were never employed or are retired and not working full time. The student must be an Indiana resident as of the first day of class in the semester and must have graduated from high school or have a GED. The courses must be taken for credit and can not be audited. Independent Study courses can only be covered if the student takes 6 credit hours on campus (and only 3 credit hours can be covered). This covers one-half of the tuition fees for up to 9 credit hours per semester.

The State Student Assistance Commission of Indiana administers various programs for Indiana residents. For most of these programs, applicants must complete the Free Application for Federal Student Aid (FAFSA), indicating that the information be sent to the state agency. The filing deadline for state need-based programs is March 1.

**Hoosier Scholarships** are awarded to up to three graduating seniors from each Indiana high school.

**Minority Teacher Scholarships** are awarded to black or Hispanic students from Indiana who plan a career in teaching in Indiana.

**Indiana Nursing Scholarships** are awarded to nursing students based on need and academic achievement; these cover tuition and the activity fee. Recipients are required to work in an Indiana health care facility for two years after graduation.

**Paul Douglas Teacher Scholarships** are awarded to education majors who graduated in the top 10 percent of their high school class. Recipients must teach for two years for each year they receive the scholarships.

The Indiana Higher Education Grant is based on need and applied against tuition up to the amount of the award.

**The Twenty-First Century Scholar Award** goes to eligible students (eligibility was first established as an eighth grader and is awarded in an amount not to exceed tuition up to 15 credit hours per semester).

Organizations and individuals outside the university award other scholarships, awards, and prizes. Many local clubs, service organizations, businesses, and labor unions provide funds for students. Students are encouraged to investigate such sources in their home communities and with resource material available in the IUS Library.

**Satisfactory Academic Progress for Financial Aid Recipients**
The Higher Education Amendments of 1976 and the Indiana State Student Assistance Commission require that a student receiving federal or state financial aid must make “satisfactory academic progress.” In general, “satisfactory academic progress” may be defined as proceeding toward successful completion of degree requirements.

Satisfactory academic progress for an undergraduate student is defined as the successful completion of 75 percent of all courses attempted for an academic year.
In addition to a 75 percent completion rate, undergraduate students must also demonstrate academic ability by maintaining a minimum cumulative grade point average of 2.0 (C) and having a 2.0 semester grade point average. For students in a baccalaureate degree program, eligibility for an undergraduate student may not extend beyond 180 credit hours attempted (including transfer credits). Students in associate or masters programs are limited to 90 credit hours.

A student who has not met the academic progress requirements after two semesters shall be placed on financial aid probation. During the probationary semester the student will receive all the aid for which he or she is eligible but must complete 100 percent of all courses in which the student is enrolled with at least a C or better in each class (C– does not count). If a student is not successful in completing courses to meet the minimum standards while on probation, eligibility for financial aid will be suspended until a student has successfully completed a minimum of 6 credit hours with a C or better in each class (C– does not count). These credit hours must be taken at the student's own expense.

**Withdrawning/Ceasing to Attend Class**

In accordance with federal regulations, students who withdraw from the university prior to the end of the semester may be required to repay federal or state financial aid funds received for use during that semester. The amount of the repayment depends upon the point in the semester at which the student withdraws. Students who cease to attend but fail to withdraw may also be subject to repayment of financial aid. Contact the Office of Student Financial Assistance for further information.

**Appeals**

Students suspended from eligibility may file a written appeal with the IUS Office of Student Financial Assistance.

1. The appeal should explain why the student believes that the suspension should not be enforced and how the student expects to overcome any obstacles contributing to past difficulties. Documentation from third parties (e.g., physician, instructor, counselor) is encouraged.
2. The first level of appeal will be to a financial aid administrator.
3. The student will receive a written or verbal response from the administrator granting or denying the appeal.

4. The student may accept the decision or, if denied, may file a formal request for a second appeal. The Financial Aid Appeal Committee will hear this appeal. Again, the student will receive a written response explaining the decision.
5. The student may either accept the decision or if denied, file a written request for a third appeal.
6. The Recruitment and Retention Committee will hear this appeal for a final decision. Again, the student will receive a written response.

**Disbursements of Aid Funds**

With the exception of Federal Work-Study, all financial aid will be credited to your account with the University. Federal Work-Study checks are issued every two weeks for actual hours worked. After tuition, fees, and miscellaneous charges are placed on your account, any aid awarded in excess of the charges will be made available to you in the form of a check. You may use these funds for living expenses, transportation, etc.

Up to $600 of the total award will be available to you at the beginning of each semester to pay for things such as books and transportation. The remainder of any credit balance on your account will be available at the end of the second week of classes.

**Award Notification**

It will take approximately four to six weeks for the results of your Free Application for Student Financial Aid (FAFSA) to be transmitted to the Office of Student Financial Assistance. Depending upon the time of year (processing is very heavy during March, April, and May) an Award Notification will be sent to you within four weeks. This form will list all of the aid awarded to you by program and amount. If you wish to reject any or all of this aid, mark the “Reject” column, sign and date the form, and return it to the OSFA. If you have received aid from non-university sources, please list this aid on the bottom of the form, sign and date the form, and return it to the OSFA.

**Words to the Wise**

**Apply Early.** The deadline for applying for programs administered by the State Student Assistance Commission of Indiana is March 1. We encourage all students to file by March 1 to maximize their eligibility.

**Read Carefully.** Most errors occur because people fail to read and understand instructions.

**Stay involved.** You are the first beneficiary of your education. Funding your education is not as important to anyone else as it is to you.
Ask Questions. Never hesitate to ask a question. A simple question may alert the OSFA to your eligibility for additional money.

Respond to requests promptly. Whenever additional information or documentation is required, no action will be taken until it is received. Delays may mean that funds are expended before your need for funds is calculated.

Keep Records. Keep copies of your application, FAFSA, tax returns, and other documents that may be requested for documentation.

Scholastic Awards and Honor Societies

Indiana University Southeast wants to recognize and honor students who excel in their studies. Scholastic awards and honor societies are two ways we are able to do this.

Scholastic Awards

Chancellor’s List
Students carrying 12 or more graded credit hours in one semester who earn a 4.0 grade point average are placed on the Chancellor’s List. Students carrying 6 or more graded credits in both of two consecutive semesters who earn a 4.0 grade point average are also placed on the Chancellor’s List.

Dean’s List
Students carrying 12 or more graded credit hours in one semester who earn a 3.50 to 3.99 grade point average are placed on the Dean’s List. Students carrying 6 or more graded credits in both of two consecutive semesters who earn a 3.50 to 3.99 grade point average are also placed on the Dean’s List.

Graduation with Distinction
Indiana University Southeast recognizes outstanding academic performance by awarding associate and bachelor’s degrees with three levels of distinction: highest distinction, high distinction, and distinction. Associate degree candidates must have completed at least half of the credit hours required for their degrees at Indiana University, and bachelor’s degree candidates must have completed a minimum of 60 credit hours at Indiana University, to be eligible to graduate with distinction. In addition, students must satisfy the following requirements.

To receive academic distinction, degree candidates must rank among the top 10 percent of their graduating class as defined by the following degree categories: Associate of Science in Computer Science, Associate of Science in General Studies, Associate of Science in Journalism, Associate of Science in Liberal Studies, Associate of Science in Recreational Leadership, Bachelor of Arts, Bachelor of General Studies, Bachelor of Science in Business, Bachelor of Science in Education, Bachelor of Science in Nursing. Degree candidates must also meet the following GPA requirements: To graduate with highest distinction, a degree candidate’s GPA must be 3.95 or greater. To graduate with high distinction, a degree candidate’s GPA must be not less than 3.80 and not greater than 3.94. To graduate with distinction, a degree candidate’s GPA must be not less than 3.60 and not greater than 3.79. Degree candidates in nursing must meet GPA requirements as defined by the School of Nursing.

The certification of degree candidates who graduate with academic distinction is done by the student’s academic unit after the degree is granted; consequently, degree candidates who expect to complete their degrees with GPAs that qualify them for distinction will be allowed to wear a fourragère (cream and/or crimson cords worn on the left shoulder), provided by the university, at commencement ceremonies. That a degree candidate is given a fourragère to wear at commencement does not guarantee that the degree candidate will be certified to receive distinction with his or her degree.

When degree candidates are awarded their degrees with distinction it will be noted on their academic record by the Office of the Registrar and it may be noted on their diplomas. It is the student’s responsibility to return the diploma to the Office of the Registrar for the addition of the appropriate notation.

Honor Societies

Students at Indiana University Southeast may also achieve membership in one or more honor societies. The following national honor societies have chapters on campus. For education majors—Kappa Delta Pi, Phi Delta Kappa, and Pi Lambda Theta; nursing majors—Sigma Theta Tau; psychology majors—Psi Chi; business majors—Beta Gamma Sigma; adult students—Pinnacle; leadership honor society for juniors—Omicron Delta Kappa; and all majors—Alpha Chi. The Campus Activities Office annually compiles a list of current officers and advisors, from whom more information is available.

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1 Courses in which the student has received a grade of A through F, not including P, S, W, I, or other such grades.
Academic Regulations

It is the student’s responsibility to be aware of all academic regulations and degree requirements. All academic units establish certain academic requirements that must be met before a degree is granted. These regulations concern such things as curricula and courses, specific credit hours required, majors and minors, and campus residence. Advisors, deans, and administrators will always help a student to become aware of these requirements, but the student is responsible for fulfilling them. At the end of the student’s course of study, the faculty and the Trustees of Indiana University vote upon the conferring of the degree. If requirements have not been satisfied, the degree will be withheld pending adequate fulfillment.

Academic Advising

All students are strongly encouraged to consult with an advisor before registering at IUS. Advisors will review academic requirements, discuss prospective courses, and consider how those courses fit into the overall academic plan. They may also discuss the relationship between academic plans and prospective careers.

All students should take advantage of the counseling days scheduled prior to registration.

Absences

Class attendance is required. Illness is usually the only acceptable excuse for absence from class. Other absences must be explained to the satisfaction of the instructor, who will decide whether missed assignments may be made up. A student who is absent from the final examination and who has a passing grade up to that time may be given a grade of I (incomplete) at the discretion of the instructor. The student must contact the instructor within two weeks of the examination date to schedule a make-up examination. Failure to do so may result in a failing grade being awarded in the course.

Course Enrollment

Registration Students register for classes at IUS by either touchtone telephone or computer during regularly scheduled dates and times listed in the schedule of classes for each academic session. Touchtone telephone registration opportunities are usually made available only to students currently enrolled in the academic session immediately preceding an upcoming academic session. Computer registration opportunities are made available to all students planning to register for an upcoming academic session at a number of convenient dates and times. Instructions on how to register for classes by telephone or computer are printed in the schedule of classes for each academic session. For additional information, contact the Office of the Registrar.

Rain Check Sometimes all sections of a course fill before all students can be accommodated. Whenever this happens, the school or division offering the course can issue a “rain check” giving a student the opportunity to enroll early in the class the next time it is offered. Rain checks are redeemable only during “rain check” redemption dates listed in each academic session’s class schedule.

Surrogate Registration Students are required to register at their regularly scheduled time. They may register at a later time but, in doing so, they run more risk of encountering closed sections. Because many students have work or family obligations that conflict with the registration schedule, IUS allows surrogate registration. Any student may designate, in writing, another person as a surrogate to register at the regularly scheduled time. The surrogate will need full registration materials (a student ID card, a registration admission ticket, PIN number, tuition and fee payment, etc.) and a signed letter of permission. This is the only authorized method of surrogate registration.

Student Course Load

Undergraduate students may register for single courses or for full-time college programs. Students who register for 12 or more credit hours a semester (6 or more in a summer session) are regarded as full-time students. Students expecting to carry more than 15 credit hours should have a minimum cumulative grade point average of 3.0 (B) and counseling from an academic advisor. Students will not be permitted to enroll in more than 17 hours during a regular semester or more than 8 credit hours during a summer session without the written approval of their dean. Students working full time should not register for more than 6 credit hours during regular semesters or 3 credit hours in summer sessions.

Classification of Students

Class standing is based on the number of credit hours completed by the student:

- Freshman .................................................................1-25
- Sophomore ............................................................26-55
- Junior .................................................................56-85
- Senior .................................................................86 or more
- Graduate ..........................................................students who have applied for and been accepted into a graduate degree program
Enrollment Certification

<table>
<thead>
<tr>
<th>Academic Session</th>
<th>Status</th>
<th>Undergraduate Credits</th>
<th>Graduate Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester</td>
<td>Full time</td>
<td>12 cr.</td>
<td>8 cr.</td>
</tr>
<tr>
<td></td>
<td>3/4 time</td>
<td>9-11 cr.</td>
<td>6-7 cr.</td>
</tr>
<tr>
<td></td>
<td>1/2 time</td>
<td>6-8 cr.</td>
<td>4-5 cr.</td>
</tr>
<tr>
<td>Summer</td>
<td>Full time</td>
<td>6 cr.</td>
<td>4 cr.</td>
</tr>
<tr>
<td>Sessions</td>
<td>3/4 time</td>
<td>4-5 cr.</td>
<td>13 cr.</td>
</tr>
<tr>
<td></td>
<td>1/2 time</td>
<td>3 cr.</td>
<td>2 cr.</td>
</tr>
</tbody>
</table>

Grades Awarded

A+ = Highest Passing Grade
A
A–
B+
B
B–
C+
C
C–
D+
D
D–
F
FX = Failed and Repeated
I = Incomplete
R = Deferred
S = Satisfactory
W = Withdrawn
P = Pass (used with Pass/Fail option only)
FN = Failed to officially withdraw and failed course
NC = Student audited course
NR = Grade not reported by instructor
IM = Midterm grade indicating student’s work is incomplete due to excessive absence
FM = Midterm grade indicating student’s work is failing due to excessive absence

Grade Point Average

A student’s grade point average is determined by dividing the sum of all grade points earned by the sum of all credit hours attempted. To calculate grade points, multiply the credit hours for each course by the numerical equivalent of the grade. The numerical equivalents of letter grades are:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Numerical Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.0</td>
</tr>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A–</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B–</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C–</td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>D–</td>
<td>0.7</td>
</tr>
<tr>
<td>F</td>
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<tr>
<td>FN</td>
<td>0.0</td>
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<td>NC</td>
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<td>P</td>
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<tr>
<td>R</td>
<td>0.0</td>
</tr>
<tr>
<td>S</td>
<td>0.0</td>
</tr>
</tbody>
</table>

A minimum cumulative grade point average of 2.0 is required for graduation. See specific degree program requirements for more detailed information. A student is considered to be in good standing if he or she is maintaining an overall grade point average of 2.0 (C) or higher.

Grades for Credit Earned by Examination

When credit is earned by examination, only the grades of S (satisfactory) or A will be recorded. The grade of S will ordinarily be used; the grade of A will be assigned only in instances of clearly superior performance.

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1For VA certification, any 4 or 5 credit hour course that meets for 12 class hours a week will be certified as full-time enrollment.

2This grade may be used only under the following conditions: (1) permission (granted prior to the beginning of the course) of the vice chancellor for academic affairs and the dean of the school or division offering the course; (2) the understanding that in any course in which the grade S is used, the only other grade permitted will be F; (3) the understanding that hours of credit with the grade of S will count toward graduation, but the course will be ignored in computing credit points.
Audit (Noncredit Registrations)

Students may wish to attend a course without working for or expecting to receive formal credit. They may enroll as special audit students by notifying the Office of the Registrar that they want to audit a course(s) during the registration period or before the first class meeting. Changes to credit and noncredit status are prohibited after the second week of classes (first week in summer), unless approved by the vice chancellor for academic affairs. No change in status is permitted after the grade has been recorded. See also “Auditing” in the “Admission and Transfers” section of this bulletin.

Pass/Fail Option

Any undergraduate student in good academic standing (not on probation) may enroll during the junior and senior years (after 55 or more credit hours) in a maximum of four elective courses to be taken with a grade of P (pass) or F (fail). The Pass/Fail option is open to a maximum of two courses per year, including summer sessions. For this option, the year is defined as August 15 of one year to August 14 of the succeeding year. The course selected for the Pass/Fail option must be an elective, and it must not be a prerequisite course. It may not be used to satisfy any of the general area requirements, nor may it be counted as a part of the student’s concentration area. The course or courses may be used to meet the 300- to 400-level course requirement.

As designated in the Academic Handbook, the grades of A, B, C, and D shall be considered as passing (P) under this option. Instructors will not be notified of those registering for this option, but any Pass/Fail option choices will be transmitted to the Office of the Registrar, and the conversion of the instructor’s grade into P or F will be made by the registrar.

In order to initiate the Pass/Fail option, students must consult their dean, who is responsible for determining the elective nature of the course and signing the required form. Students must file the completed form at the Office of the Registrar, Library Building 100. The Pass/Fail option must be selected within three weeks after enrollment during the regular academic semesters. In no case will the grades A, B, C, or D be substituted at a later time for those courses in which the student elected the Pass/Fail option. In computing grade point averages, the P grade will not be used; an F grade will be used.

Incompletes

The grade of I (incomplete) indicates that the student has satisfactorily completed the major portion of a course but is prevented by extraordinary circumstances from completing the balance of the course. The grade of I will only be given if the instructor has sufficient reason to believe that the failure to complete the requirements of the course was beyond the student’s control and that it would be unjust to hold the student to the time limits normally fixed for completion of the required assignments. The grade of I should not be awarded simply to exempt a student from paying tuition for a repeated course.

If the instructor does not otherwise act to remove the I within 12 months, the registrar will automatically change the I to an F. Both the student and the instructor in whose course the student received the I will be notified of this change of grade.

Withdrawal

If a student withdraws from a course during the 100 percent refund period during a regular semester or summer session, no grade will be recorded on his or her official academic record. The student need only file a Drop and Add form with the Office of the Registrar.

A grade of W (withdrawal) is given automatically to the student who files an official withdrawal form before the end of the tenth week of a semester or the fourth week of a six-week summer session. A student who stops attending a course without filing an official withdrawal form in the Office of the Registrar will receive a grade of F. A completed withdrawal form will be dated and processed on the day it is submitted by the student to the Office of the Registrar.

Any student may withdraw until the end of the tenth week of a semester or of the fourth week of a summer session. A student who finds it necessary to request withdrawal after these deadlines must appeal in writing to the vice chancellor for academic affairs on a form obtained from the Office of the Registrar. A student who is passing the course(s) in question should consult the instructor(s) about the possibility of receiving an I (incomplete) instead of withdrawing (see policy on grades above). A student who is passing can ordinarily expect a request for late withdrawal to be granted. It is university policy that a desire to avoid a low grade is not an acceptable reason for requesting a late withdrawal. Therefore, a student who is failing must present a compelling reason, such as extended illness, for a request for late withdrawal.

FX Grade Policy

Students must notify their school or division office prior to registration if they plan to repeat a course to remove an F grade. Since fall 1988, the following policy has been in effect for all students:
F Grade Replacement
With prior approval from the student’s dean, an undergraduate student may repeat a course in which he or she was awarded a grade of F or WF and have only the new grade (A, B, C, D, F, P, or S) count in the determination of the student’s grade point average. At the direction of the student’s dean, the grade of F or WF awarded in the original enrollment(s) will be changed to FX. **Note:** A grade of W or I awarded in a repeated course will not qualify to remove the original F.

The FX policy applies as above with the stipulations and following restrictions: (1) the FX option is to be honored by all undergraduate schools and divisions on all campuses; (2) a student may exercise the FX option for no more than five courses; (3) a student may use the FX option only twice for a given course; (4) a student who matriculated prior to fall semester 1996-97 and exercised the FX option under the former policy may exercise the FX option under the current policy only if the five-course limit has not been exceeded.

Academic Bankruptcy
Students who have not attended IU Southeast for at least two years, are undergraduates pursuing their first bachelor’s degree, and are returning to IUS for the fall semester 1996 or later may request academic bankruptcy. Bankruptcy means that **all grades earned during the term(s) in question will be replaced with a grade of W.** Academic bankruptcy may be requested for no more than two academic terms of IUS course work. Two consecutive summer sessions may be considered a single academic term for purposes of this policy. The petition must be submitted during the first semester back at IUS. Academic bankruptcy may be invoked only once in a student’s academic career. Academic Bankruptcy Petition forms are available from the University Division in the Library Building 006.

Probation, Suspension, Readmission
These policies apply to all students at IUS. The school and division deans and the director of University Division shall administer these policies for students admitted to their academic units. The director of admissions shall administer these policies as they relate to students admitted to nondegree status. A faculty may enact more stringent or more specific policies governing probation, suspension, or readmission in that school or division. Each school or division may elect, or the dean may appoint, an academic standards committee to advise the dean on questionable cases.

I. **Regularly Admitted Students** are those students admitted either conditionally or unconditionally to the following academic units: Arts and Letters, Business, Continuing Studies, Education, Natural Sciences, Nursing, Purdue Statewide Technology, Social Sciences, and University Division.

1. A student is considered to be in good standing when maintaining an overall grade point average of 2.0 (C) or higher. A student whose cumulative grade point average falls below 2.0 (C) will be placed on academic probation.

2. When a student is placed on probation, a letter to this effect shall be mailed to the residence. When a student on academic probation raises his or her cumulative grade point average—for all work attempted at IUS and elsewhere—to at least 2.0, the student is released from probation and notified by mail.

3. A student whose cumulative grade point average is less than 2.0 (C) and who fails to make better than a C average during an academic period shall be suspended.

4. Whenever a student is suspended, a letter to this effect shall be mailed to the current residence and a copy placed in the student’s file.

5. A student who has been suspended for the first time may be readmitted upon successful petition to the school or division dean.

6. A student who has been readmitted after an initial suspension and who is again suspended shall not be eligible for readmission until after a full semester (excluding summer sessions) has elapsed and then only with the permission of the school or division dean.

7. A student admitted initially on probation shall be granted two semesters to attain a minimum grade point average of 2.0. If such a student fails to attain a 2.0 grade point average after two semesters, he or she shall be suspended and may not apply for readmission until after a full semester (excluding summer sessions) has elapsed.

8. The director of the University Division may certify and transfer to the bachelor’s degree schools and divisions any student who has completed the entry requirements of his or her chosen school or division.

II. **Provisionally Accepted Transfer Students** are those with previous college attendance admitted to nondegree status because they have not earned the minimum 2.0 (C) cumulative grade point average required for regular admission as transfer students.

1. These students shall be permitted to enroll at IUS for a limited number of credit hours per
semester as approved by the Recruitment and Retention Committee.

2. In order to be eligible to continue at IUS, they must make satisfactory progress toward the removal of grade point deficiencies. “Satisfactory progress” shall be deemed to be a grade point average of 2.0 (C) or higher for each semester’s work at IUS.

3. A student who attains a minimum grade point average of 2.0 (C) for all work attempted at IUS and elsewhere and has met all school or division admission standards may receive regular admission to the appropriate school or division by so notifying the director of admissions.

4. Provisionally accepted transfer students who have been declared ineligible to reenroll because of insufficient grade point averages may petition the Recruitment and Retention Committee for readmission after they have been out of college for one semester (excluding summer sessions). Students with less than a 2.0 cumulative grade point average at an IU campus are generally not allowed to register at any other IU campus. Students with less than a 2.0 at one Indiana University campus should consult with their respective school or division dean before planning to register at another IU campus. Students with less than a 2.0 at any other IU campus must confer with the appropriate school or division dean before registering at Indiana University Southeast.

Late Registrations and Course Additions
No course may be added by a student after the drop/add period unless the instructor of the course, the instructor’s school or division dean, and the vice chancellor for academic affairs approve the late enrollment.

Midsemester Grade Reports
Midsemester grade reports are made available to freshman students who are enrolled in the University Division. University Division students are notified when these reports are available, and they are encouraged to make an appointment with a University Division advisor to discuss their academic progress.

Transfer to Other Indiana University Campuses
Each year many Indiana University students transfer from one campus of the university to another to continue their studies toward a degree. Indiana University credits transferred from one campus of Indiana University to another will be evaluated and accepted in terms at least as favorable as credits transferred from other accredited institutions in the United States. No review of the credits will be undertaken except in good faith terms of the same criteria used in evaluating external credits. In fact, students transferring to another campus within Indiana University are treated much more favorably because of the similarity of course work on the eight campuses.

Students who wish to transfer to another IU campus should follow these two steps to trouble-free intercampus transfer:

Step One  Current students should contact the central office at their present campus. That office will help students find out if they are eligible for transfer and may suggest other resources and ways in which they can prepare, for example:
  • Meet with a home campus advisor to discuss academic preparation, grades, and other eligibility issues.
  • Consult the intercampus transfer office at the proposed new campus if academic and/or eligibility questions remain.
  • If applicable, talk to the financial aid offices at the present and proposed campuses.
  • Visit the new campus to explore possible academic and social adjustment issues; some campuses may establish special open house events for those students who have expressed interest. Some campuses may also require attendance at a special orientation program.

Step Two  Students who decide to proceed with the transfer should contact the receiving campus and submit their intercampus transfer request. The receiving campus will respond to students and their home campus. Those who later decide not to transfer should notify both campuses.

Change of Major
A student wishing to change majors should notify the school or division dean. The school or division dean will fill out an Academic Objective Update form and send it to the academic unit that houses the student’s new major. The new dean will send the completed form to the registrar for processing.

Student Rights, Responsibilities, and Conduct
It is important that you understand your rights and responsibilities as an IUS student. Copies of the Indiana University Code of Student Rights,
Responsibilities, and Conduct are available from the Office of Student Affairs, Library Building 155 and the Information Desk, University Center 101. It is the students’ responsibility to acquaint themselves with the regulations in this document, which covers such issues as academic dishonesty, grievance procedures, discrimination, and overall conduct.

Policy Governing Release of Information in Student Records

Social Security Number

In accordance with the Privacy Act of 1974 and Indiana PL22 of 1977, students or applicants are advised that the requested disclosure of their Social Security number to the university is voluntary. The student has the right to refuse disclosure of this number or request its removal from records without penalty. A special nine-digit student identification number will then be assigned for use throughout the duration of the student’s involvement with the university. The Social Security number will be used to identify the student’s records such as transcript, registration, grade reports, transcript requests, certification requests; as an identifier for grants, loans, and other financial aid programs; and to determine eligibility, certify school attendance, and report student status. The student’s Social Security number is not disclosed to individuals or agencies outside Indiana University except in accordance with the Indiana University policy on release of student information.

Student Records

In compliance with Section 438 of the “General Education Provisions Act” (as amended) entitled “Family Educational Rights and Privacy Act,” the following is IUS’s policy explaining the procedures available to provide appropriate access to personal records while protecting confidentiality.

(a) Certain definitions and principles contained in the law and proposed guidelines are specifically adopted in the policy:

(1) “Student” is defined as one who has attended or is attending Indiana University and whose records are in the files of the university.

(2) Educational records do not include files retained by individuals and not accessible to any other person except a substitute faculty/staff member. Student disciplinary records, except as stipulated by law, are considered educational records and as such are protected.

(3) Public information is limited to name, address, phone, major field of study, dates of attendance, admission or enrollment status, campus, school, school or division, class standing, degree and awards, activities, sports, and athletic information. Records of arrests and/or convictions and traffic accident information are also public information and may be released to anyone making inquiry.

(b) Public information shall be released freely unless the student files the appropriate form requesting that certain public information not be released. This form is available at the Office of the Registrar. Public information that cannot be restricted includes name, enrollment status, degrees, and dates of attendance.

The student may review his or her record upon request and may ask for deletions or corrections of the record in a hearing process described in detail in the Code of Student Rights, Responsibilities, and Conduct, copies of which are available from the Office of Student Affairs, Library Building 155 and the Information Desk, University Center 101. References, recommendations, and other similar documents may carry a voluntary waiver relinquishing the student’s right to review this specific material. The student may also release the record to others by signing a written release.

Sex Offender Screening

Indiana University Southeast periodically checks the names of enrolled students against the names listed in the Indiana Sex Offenders Registry. It is the policy of Indiana University Southeast that no students who have been convicted of sex offenses against children shall be eligible for admission to or matriculation in any academic program which places them in direct proximity to children (people under the age of 18). Except when it conflicts with a school or division or program policy, such students will be given alternative assignments to any class projects, field experiences, practicums or extracurricular activities that would put them in proximity to children.

Student Services

The following services are offered to support and enhance your educational experience at Indiana University Southeast.

Career Services and Placement

Located in the University Center between the Commons and the Bookstore

University Center 008
Phone: (812) 941-2275
Fax: (812) 941-2557
Web site: www.careerservices.ius.edu
Mission Statement  The Office of Career Services and Placement provides students and alumni with opportunities for career exploration, clarification, and professional growth, thereby increasing career awareness, instilling personal confidence, providing enhanced employment opportunities and encouraging them to achieve their personal and professional career-related goals. The office also provides employers access to professionally-prepared students and alumni and serves as a vital and valuable career link between the institution and the community.

James A. Kanning, Director
Jo Hatfield, Career Counselor
Elizabeth Korfhage-Ostertag, Internship Coordinator
Vicky Hoskinson, Career Connections
Cathy Denton, Office Services Senior Assistant
Gaye McCance, Office Services Senior Assistant
Becky Eberle, Receptionist and Computer Lab Attendant
Carol Blevins, Receptionist and Computer Lab Attendant

Career Guidance  Career counselors assist students in a variety of ways to help them choose their majors and investigate career options. Students often take career interest inventories as part of the counseling process. These inventories suggest which careers match students’ interests, personalities, and skills. Talking with professionals in the “real world of work” through a job shadowing experience is another way to gain valuable career information. The Office of Career Services and Placement will assist with referrals for half- or whole-day job shadowing experiences. Individual or group sessions are also available for job search strategies, resume critiquing, and mock interviewing. In addition, our career resource library is available for researching specific career information. An appointment with a counselor may be made by calling or stopping by the office.

Computerized Career Guidance Software  The Career Services Office supports two software packages which provide excellent information such as job descriptions, educational requirements, employment outlook, salaries, related college information, graduate school information, and much more.

Bridges.com is an excellent Internet-based career exploration tool made available through funding from the Lilly Endowment Grant for our campus. This is a licensed and password-protected program accessible to all students, graduates, and faculty/staff of Indiana University Southeast. The password is changed annually. Please contact the Career Services Office for password information at University Center 008, or call us at (812) 941-2275.

Choices is another software package available to all students enrolled at IU Southeast. It also provides excellent career exploration information. Although it is not password protected, it is only accessible from computers on the IU Southeast campus. Students access this software package using their university-assigned ID and the university login system.

Additional Internet resources for job search or career exploration information can be found on the Career Services and Placement home page at www.careerservices.ius.edu.

Career Exploration Courses  Courses are offered each semester to assist students with their career-related questions.

J151 Career Exploration and Development (1 cr.) This 1 credit hour course is specially designed for the undecided student. It includes career interest inventories, exercises to review skills and values, career research, and career interviews.

Q400 Employment Strategies for Arts and Sciences Graduates (1 cr.) and X410 Business Career Planning and Placement (1 cr.) These two 1 credit hour courses are taught concurrently and are designed for graduating students who are seeking employment. The courses include professional resume writing, interviewing techniques, job search strategies, use of the Internet in a job search, how to research employers, graduate school information, and much more. These courses should be taken early in the senior year.

S200 Career Choices and Competencies (3 cr.) This three credit hour course is designed to provide students with a comprehensive assessment of their interests, skills, personality, and values and how these relate to careers and job satisfaction. Additionally, it provides opportunities to explore majors and career options, develop a resume and hone cover-letter writing skills, network with faculty and professionals through job shadowing and informational interviews, and develop a comprehensive academic and career plan.

Internship Program  The Internship Program enables students to complete professional work assignments directly related to their academic majors and career plans before graduation. Internships are designed for second-semester sophomores enrolled in associate degree programs and junior and senior students enrolled in bachelor’s degree programs. Typically, these work assignments are for a minimum
of 14 weeks and can be full- or part-time positions. Internships vary greatly; some are paid while others are unpaid. The student also has the option of taking the internship for credit or for zero credit. Benefits from internship participation include a chance to test a career choice, gain confidence in one’s abilities, and develop professional skills. More employers are expecting candidates to have actual work-related experience prior to being considered for full-time, professional employment.

**Recruiting**  Students seeking professional positions are encouraged to register with the Office of Career Services and Placement to receive assistance with resume preparation, interviewing, and the job search. Numerous employers list job opportunities, which are then posted on the computerized JobFinder system. Students and graduates are able to access these listings twenty-four hours a day, seven days a week. Resume referrals are also provided for professional positions. Resumes of candidates who meet selection criteria established by the employers are automatically sent for employment consideration.

In some instances, employers will visit the campus to set up information tables to advertise available positions. At other times, employers will establish formal interview schedules on campus to recruit students for professional positions.

A new computer system allows employers to query the resume database via the Internet and print resumes directly from campus to their offices. Students and alumni register for placement assistance using the Internet.

**Job Fairs**  Job Fairs have become a major source of employment for college students and graduates. Indiana University Southeast hosts five fairs each year, three on campus in New Albany and two in Indianapolis.

The New Albany fairs are held in October, February, and April each year and attract between 75 and 100 employers and 400 to 650 candidates. These fairs are free and open to the public. Most employers are from the local area (50 mile-radius of Louisville, KY) and seek candidates for a wide variety of entry-level professional and full- and part-time positions.

Candidates have had excellent response from these employers.

The Indianapolis fairs are cosponsored by Indiana University Southeast and the other campuses in the IU and Purdue statewide systems. They are held in November and March of each year. Approximately 110 employers and nearly 1,000 candidates participate in these fairs. The November fair is a multicultural event designed to assist all candidates but with special emphasis on a culturally diverse population. Both fairs are open to college seniors and recent college graduates from any college or university.

**JobFinder Program**  JobFinder is a computer database of part-time and full-time non-degreed positions available in the Kentuckiana area. This service is for all enrolled IU Southeast students through the campus computer network regardless of financial need. Students must register with the Office of Career Services and Placement to receive this service.

**Federal Work-Study Program**  Students who qualify for the Federal Work-Study Program will be notified of their eligibility by the Office of Student Financial Assistance. These students may make application for special employment opportunities established especially for the Work-Study Program. These students should visit the Office of Career Services and Placement to review currently available positions.

**Foreign Language Laboratory**

Bohdan Bochan, Coordinator

The Foreign Language Laboratory, in Knobview Hall 204, provides free copying of audiocassettes for students enrolled in any of the four languages taught at IUS (French, German, Japanese, Spanish). It also provides 27 stations where students can do their oral work during the lab hours. Two television monitor-VCR sets allow students to view videocassettes as requested by their instructors. Special tutors in French, German, and Spanish offer help to advanced students. Laboratory hours are posted on the laboratory door.

**Mathematics Laboratory**

Delaine E. Cochran, Coordinator

Under the direction of the mathematics faculty, the new Mathematics Laboratory, in Life Sciences 009, makes up-to-date technology available to enhance and supplement mathematics instruction and tutoring. Students may sharpen their skills using both computer tutorials (coordinated to texts used in courses) and individual tutoring. Specialized mathematics software, including Derive and Mathematica, is available for student and faculty use in the laboratory.

**Personal Counseling Service**

Skeets Hettinger, Coordinator

A personal counselor from Dr. Emily Stapp and Associates is available to help students, faculty, or staff with personal or family problems. Those who feel they have a need for counseling service, but are
not certain, are encouraged to inquire. The client and counselor can then determine if the problem requires further discussion and/or referral. The counselor is in the University Division, in room 006H of the Library Building, telephone (812) 941-2243.

Services for Students with Disabilities
Michael H. Shipton, Coordinator
Library Building 022
Phone: (812) 941-2579
Web site: [www.ius.edu/ssdis](http://www.ius.edu/ssdis)

Indiana University Southeast is committed to providing necessary and reasonable accommodations to ensure an equal opportunity for students with disabilities. Students with disabilities are encouraged to make an appointment with the coordinator to discuss concerns regarding their education and any accommodations they may need. A copy of the Policies and Procedures for Individuals with Disabilities may be attained by contacting Michael Shipton or by visiting the Web site listed above.

Services of this office include pre-admission visits, testing accommodations such as extended time, readers, scribes, or oral exams; notetakers; interpreters; accessibility information; disabled parking permits; and referral to other campus and community resources, as well as other services.

Documentation of the disability must be completed by a professional and must be on file in order to receive any accommodation.

Student Development Center
J. Douglas Denton, Coordinator

The Student Development Center (SDC), Knobview Hall 233, telephone (812) 941-2312, provides students with information and resources to enable them to assess their academic preparation and improve their academic performance. The Center provides assistance in the following:

- placement testing in English, mathematics, and foreign languages
- credit by examination opportunities
- peer-tutoring for 100- and 200-level courses
- study skills videotapes, brochures, workshops, and classes
- supplemental instruction (SI) available in select courses
- testing accommodations for students with disabilities
- test proctoring for IU and other university correspondence examinations

Writing Help Center
Walton S. Jackson Jr., Coordinator

The Writing Help Center, Knobview Hall 208, telephone (812) 941-2498, offers each IUS student individual instruction in writing by the English faculty. While at IUS, students can receive help in the following areas:

- using word processors and e-mail
- strengthening essays and speeches
- documenting research papers
- preparing resumes and letters

Every student may obtain free help by dropping in at the Center during class hours.

Overseas Study

Students at IUS have the opportunity to participate in any of the academic programs that Indiana University has arranged in other countries. When students participate in these programs, they receive IU credit immediately (no transfer of credit is involved), and they have the guidance and assistance of IU directors at most sites. Costs are very reasonable. Participants are eligible for financial assistance such as Pell Grants, SSACI, and loans just as they would be if they were at an IU campus.

Contact Pat Mrozowski in the Student Financial Assistance Office for further information on financial aid. In addition, IU offers some special scholarships to students in overseas study programs. You should contact the Office of Overseas Study in Franklin Hall 303, Bloomington, IN 47405; telephone (812) 855-9304 for information on these scholarships. This information is also available on the Web at [www.indiana.edu/~overseas](http://www.indiana.edu/~overseas).

While some of the programs require a background in the relevant foreign language, many of them are in English.

Summer programs are available in France, Italy, Austria, Mexico, England, the Netherlands, Finland, Canada, and Spain. The programs in France, Austria, Mexico, Canada (Quebec), and Spain focus on learning a foreign language, but the programs in the Netherlands and Finland are in business, and the one in Italy is in art history, drawing, or Italian.

Semester programs are available in Australia, the Netherlands, France, Chile, Israel, Singapore, and at several other sites. The three programs in Australia and another three in the Netherlands are in English; some of them focus on business or political science, while others cover all disciplines.

Academic-year programs are offered in Italy, Britain, Germany, Ghana, Israel, Spain, Japan, France, and
several other locations. These programs are open to students of virtually any major. Those in Italy, Germany, Spain, and France require a minimum of two years of the foreign language as a prerequisite; the program in Japan requires one year of the language.

Applications for academic-year programs are normally due in early November of the year prior to travel. Applications for semester programs are due early in the previous semester, and those for the summer are due early in the spring semester.

Fliers on individual programs and application forms are available from Deborah Finkel, Director of International Programs, Crestview Hall 019. Information from Indiana University is available from their Web page www.indiana.edu/~overseas/. Information about international programs at IUS is available at the IUS International Programs Web page [www.ius.edu/IntStudies/].

Student Life

Joelyn Ainley, Vice Chancellor for Student Affairs

The vice chancellor for student affairs has the general responsibility for overseeing student life at Indiana University Southeast. The director and associate director of campus life are directly responsible for providing a wide range of cocurricular activities for students.

IU Southeast is committed to involving students in all aspects of student life. Students serve on many policy-making committees with faculty and staff members. For example:

- The Campus Life Committee has responsibility for recommending the allocation of the student activity fee, which supports varied activities for the benefit of all students.
- The Student Program Council is charged with planning and implementing a balanced program of social, cultural, and educational events for the students, faculty, and staff.

Students also serve on the Academic Policies Committee, the Council on Equity and Diversity, the Commencement Committee, the Enrollment Management Committee, the Improvement of Learning Committee, the Library Committee, the Campus Safety and Facilities Committee, the Recruitment and Retention Committee, the Religious Advisory Board, the Student Computing Technology Fee Advisory Committee, and the Traffic Appeals Board.

Adult Student Center

The Adult Student Center, in Library Building 004, provides assistance to all students by providing housing assistance, support groups, social activities, information, workshops, and other advocacy. The office gives students a “home base” and a space to rest and study.

Athletics

IUS is a member of the National Association of Intercollegiate Athletics (NAIA) and the Kentucky Intercollegiate Athletic Conference (KIAC). Currently, IUS competes intercollegiately in five sports—men’s and women’s basketball, cross country, tennis, men’s baseball, and women’s volleyball. IUS students with a valid student ID card will be admitted free to all home athletic contests during the regular season.

Intramural activities are available to all IUS students, faculty, and staff throughout the fall and spring semesters. Some activities are separate for men and women, while others are for both men and women. Annually, 25 to 30 percent of IUS students, faculty, and staff participate in some intramural activity.

Athletic facilities at IUS are modern and versatile. A 1,600-seat Activities Building is the home of the Grenadiers basketball and volleyball teams, and also contains areas for unstructured recreational activities such as jogging, badminton, volleyball, weightlifting, and gymnastics. Six tennis courts, a baseball field, paved play areas, and playing fields make up the outdoor complex, giving the IUS community a variety of choices for playing and watching sports.

Student Involvement (previously Campus Activities) and Organizations

The Office of Campus Life facilitates student growth and development by encouraging and supporting all aspects of student life on campus. This includes advising student programming committees and Greek-letter social organizations, providing leadership development and other resources for student groups, encouraging student involvement in student groups, assisting in the formation of new student groups, and providing avenues for event planning and promotion. The office also publishes the annual student planner, and the IUS student organization handbook to make students aware of the diversity of programs and activities available.

Educational, cultural, and entertainment programs such as speakers, concerts, social awareness activities, dances, and many other types of programs are sponsored regularly on campus. Many of these events are funded by student fees and are produced by student groups. Check the Campus Calendar on the Web for daily activities.
There are more than 50 student organizations and groups on campus. They include academic honor societies, Greek-letter social fraternities and sororities, special interest groups, and clubs related to academic majors. While the university does not officially recognize student groups, clubs wishing to reserve campus facilities and receive services of the Office of Campus Life must register with the office. Registering a student group includes filing with the office all completed registration forms, a copy of the most current constitution, having an advisor who is a member of the IUS faculty or full-time staff, and having currently enrolled students make up more than 50 percent of the membership.

Information on student involvement opportunities including student groups, activities, programs, and leadership experiences can be obtained by contacting the Office of Campus Life.

**Student Leadership Opportunities** The Campus Life Office coordinates many different opportunities for leadership development. All programs are designed to develop and enhance the leadership skills of our students to help them become active members of the campus community, and to prepare them for the workforce. The leadership development programs offered are designed to meet the various needs and development levels of our students and consist of the Emerging Leaders, Leadership Success Series, Annual Student Group Leadership Conference, Student Ambassadors (coordinated by the University Division) and the Metroversity Student Leadership Institute. Information on all of these programs can be obtained in the Campus Life Office.

**Student Activity Fee** Financial support for cocurricular activities comes from the Student Activity Fee, which all undergraduate and graduate students pay each semester. The amount is determined by the number of credit hours in which the individual student is enrolled.

Currently the organizations receiving these funds include The Horizon, IUS Literary Review, Student Government Association, Children’s Center, Student Program Council, Learning Enrichment Fund, Research Journal, and Athletics.

**Children’s Center** The Children’s Center is a drop-off facility which provides its services to IUS students and staff at modest rates. The goal of the center is to provide children with a learning environment that uses integrated, thematic units to keep student interest high and tie subjects together. Children between the ages of three and ten years of age may be enrolled at the center. Students are encouraged to visit the Children’s Center or call for more information at (812) 941-2402.

**Student Government Association** The Student Government Association (SGA) includes an elected student body president, vice president, student senate of 24 members (18 elected in the spring and six reserved for the freshman class), a five-seat judiciary branch headed by a chief justice and appointed by the president with confirmation from the senate. In addition, all students can be active in SGA by attending meetings and serving on committees. The president of the student body serves as a nonvoting member of the IUS Faculty Senate, a member of All University Students Association (AUSA), as well as various other committees. The president is also responsible for maintaining communication between the faculty and administration and the Student Senate as well as campus organizations and the student body in general. The president may approve or veto legislation of the senate, and—subject to confirmation by the Student Senate and the appointment of the chancellor—nominate student members to serve on campus committees that formulate campus policies. The president may also issue limited policy decisions by executive order or proclamation.

The student body vice president serves as the president of the Student Senate and assists the president with his or her duties. The senate provides communication between the student body and the administration and faculty. By resolution it requests changes and makes recommendations to the administration and faculty concerning campus policies and procedures. Additionally, the senate approves funding for events from the Student Government Association funds that provide the campus community with increased social, cultural, and educational opportunities.

The Student Court serves as the interpreters of the Student Body Constitution, and spells out the duties, responsibilities, and authority of the members and officers of SGA. By holding open court sessions each month, the court also serves as a forum for student concerns and complaints.

**Policy on Use of Facilities** The Trustees of Indiana University reserve the right to control the use of university facilities to assure that events conducted therein are compatible with the mission of the university. The university will at all times seek to assure to students and faculty groups opportunities to meet and to hear and exchange ideas and views, however controversial, but it does not license and will not tolerate what is illegal. For the purposes of this policy statement, the term “facilities” shall...
include grounds owned by the university as well as structures that are on university property.

University-related individuals or groups wishing to reserve university facilities should obtain a reservation request form from the information clerk at the information desk in the University Center. Three rate structures are in effect: university, non-profit, and profit. Costs may be obtained from the Office of Campus Life.

In those cases where a university-related group or office wishes to use a university facility for an income-producing event, specific authorization for the event must be obtained from the director of campus life. A facility usage fee may be charged for the event.

Individuals and groups who are not university-related but wish to reserve a university facility should contact the information desk at the University Center. A charge will be assessed in accordance with a schedule of facility fees on file in the office of the director of campus life.

The university does not normally make its facilities available for income-producing purposes, if the funds are designed to enrich an individual, organization, or commercial sponsor. Non-university-related individuals or organizations wishing to use a university facility for income-producing purposes must write to the director of campus life, setting forth the nature of the income-producing activity and its purposes.

NOTE: Charges will be assessed in accordance with a schedule of facility fees on file in the director’s office.

The university reserves the right to reject any and all applications for the use of facilities. Further, the university reserves the right to make adjustments in confirmed reservations for facilities when such action becomes necessary.

All requests for the use of university facilities should be made in writing and should be submitted not less than five working days before the scheduled event. Questions regarding this policy may be directed to the Campus Life office.

**Police** The Indiana University Police Department is a fully empowered law enforcement agency. The department patrols the campus on a 24 hour basis. The office is located in the University Center, room 007, and the phone number is (812) 941-2400. Any criminal or suspicious activity and all vehicular accidents that occur on campus should be reported to this department immediately. There are several yellow emergency phones located across the campus that provide a direct line to the police department.

**First Aid** The University Police Department should be contacted immediately in the event of injury or illness. A first aid room is maintained by the department and all officers are certified in first aid and CPR. The officer on duty will give first aid, transport the student or employee to an emergency room, call an ambulance service, or otherwise carry out the instructions of the injured or ill person. Any direct expense (excluding minor first aid materials or transportation to an emergency facility in the university police car) will be the responsibility of the injured or ill person.

**Sex Offenses** The IUS Police Department, the Vice Chancellor for Student Affairs, and other university departments conduct presentations and distribute written materials to promote awareness of rape, acquaintance rape, and other sex offenses. **All sex offenses should be reported immediately** to the campus police University Center 007, (812) 941-2400, the local or state law enforcement officials, the Vice Chancellor for Student Affairs, or other appropriate university personnel.

**Crime Prevention** Ongoing crime prevention efforts by IU Southeast include:

- Emergency phone system
- 24 hour police patrol
- Burglary alarms and surveillance cameras in key areas
- Crime prevention and safety seminars presented to any group requesting presentations
- Crime prevention and safety literature available at the university police office
The university police maintain a daily log of all crime reports filed with the department. Copies of the Annual Crime Report for the campus are available in the police office and may be requested by mail.

**Harassment** Forms of harassment including sexual harassment and harassment on the basis of race, color, sexual orientation, national origin or religion are violations of university policy and various state and federal laws. IUS values diversity and will not tolerate harassment. Women and men who believe they are victims of harassment or who believe others have been victimized are encouraged to report such incidents. IUS will promptly investigate every complaint, respond, and take corrective action to stop the harassment. Investigations of these complaints will be conducted in a fair and thorough manner, which—to the extent possible—protects the privacy and reputation of both the complainant and the accused. To report harassment or to receive information regarding the definition of harassment and how it can be handled, consult the Office of Equity and Diversity located in room 024 of the Library Building; the telephone number is (812) 941-2306.

**Student Photo ID Card** Every student at Indiana University Southeast is entitled to one photo ID card, valid a maximum of five years or as long as they are registered for classes. This card also serves as an Indiana University library card on any Indiana University campus, and allows the student to take advantage of many student discount opportunities on campus and around the community. Students may be required to show this card on campus when purchasing software, using athletic facilities, purchasing tickets to events, or participating in various student activities. University police may require students to show their ID at any time. In addition, various campus organizations or faculty members may choose to require the ID card for their own purposes. ID cards are available through the University Police Office, room UC007, located on the ground floor of the University Center between the commons and the bookstore. If your card is lost or stolen notify university police immediately to have it deactivated. Replacement cards are available for $10.00.

**Parking and Use of Motor Vehicles on Campus** Types of permits available and policies are as follows:

**Blue Permits**—restricted to faculty and staff (appointed and full-time hourly) and approved non-university employees working on the campus (i.e., Credit Union or contracted food service employees); they are available by semester or annually.

**Red Permits**—primarily for students; may also be purchased by part-time faculty, staff, and non-university employees working on the campus. Available by semester only.

**Replacement Permits**—will be issued at no cost given the return of identifiable remnants of the original parking permit and proper personal identification.

**Refunds**—will be given on the return of identifiable remnants of the parking permit and proper personal identification in accordance with the schedule in the IUS Parking and Traffic Regulations brochure.

Parking permits can be bought at the University Police Office, room 007 of the University Center. Parking meters and temporary permits are also available.

Types of parking and traffic violations are listed in the IUS Parking and Traffic Regulations brochure.

Persons receiving a parking citation must either pay the prescribed fine at the University Police Office or file an appeal within seven days with the Campus Traffic Appeals Board.

Additional information and forms pertaining to citation appeals may be obtained from the University Police Office in room 007 of the University Center.

**Reserve Officers’ Training Corps**

**Air Force**
Dougherty Hall
University of Louisville
Phone: (502) 852-6576

**Professor** Cox, Lieutenant Colonel, U.S.A.F. (Chair)

**Assistant Professors** Reagan, Kratzer

**Program**
The educational program of Indiana University Southeast includes the Air Force Reserve Officers’ Training Corps (AFROTC) Program conducted by the United States Air Force. Courses for IUS students are held on the Belknap campus of the University of Louisville under the auspices of the Metroversity Program. This is a non-degree program.

**General Qualifications** Any student, regardless of sex, race, or ethnic background, is eligible for the AFROTC if he or she is:

1. a citizen of the United States (noncitizens may enroll but must obtain citizenship prior to their junior year);
2. of sound physical condition;
3. of sound moral character;
4. able to complete all commissioning requirements prior to age 30 (may be waived to age 35);
5. a full-time student.

Membership in a Reserve or National Guard Unit does not prevent enrollment in the AFROTC Program. Married students are eligible.

Women Students in Air Force ROTC Qualified women who are seeking responsibility and challenge in an equal-opportunity situation should consider the AFROTC. Women are eligible to compete for various careers including but not limited to pilots, navigators, and missile personnel. Women are eligible to fly all planes in the Air Force inventory.

Cost If you are a full-time student there is no cost for enrollment in the Air Force ROTC program other than tuition of the university. The Air Force ROTC furnishes uniforms and AFROTC textbooks. Veterans Affairs benefits may be continued while in the AFROTC Program.

Four-Year Program The student interested in pursuing the four-year program enrolls as a freshman in Aerospace Science A101 and A151. There is no other application procedure. Enrolling in this course does not incur a military obligation. During the first two years, the student attends class for one hour and leadership laboratory for two hours each week, while earning two credit hours per semester. After successfully completing the sophomore year and a four- or five-week summer field training program, the qualified cadet may compete for entry into the Professional Officer Course.

Two-Year Program (Professional Officer Course) The basic requirement is that the student has two academic years remaining at the undergraduate level or graduate level. In this program the student attends class three hours a week and leadership laboratory for three hours a week, while earning 3 credit hours per semester. During the two years of this program, he or she receives $200-$600 per month tax free each academic year and, in some cases, a full scholarship. Interested students must apply during the year preceding the fall term in which they intend to enter. Applicants must successfully complete a four- or five-week summer field training course. (Applicants with prior service attend a four-week course.)

Field Training Field training is offered during the summer months at selected Air Force bases throughout the United States. The major areas of study include officer training, aircraft orientation, career orientation, survival training, physical training, base functions, and Air Force environment.

Travel to and from the encampment is paid, as well as all expenses for room and board. Additionally, the student is paid for the encampments.

Scholarships Scholarships are available to highly qualified students. Scholarships cover full tuition, laboratory expenses, incidental fees, and books. Scholarship cadets also receive $200-$600 per month tax free. Students who are not on scholarship when they first enter college may qualify for a scholarship while attending college.

Interested students should contact the AFROTC office at (502) 852-6576 or by e-mail at airforce@louisville.edu. Students may also visit the AFROTC offices in Dougherty Hall, University of Louisville or the Web site at www.louisville.edu/~afrotc.

Army

Lieutenant Colonel William B. McElroy
Professor of Military Science
Room 213 Dougherty Hall, University of Louisville
Louisville, KY 40292
Phone: (502) 852-7902

The Army Reserve Officers’ Training Corps (ROTC) program provides students in any academic discipline an opportunity to develop leadership and management skills and obtain a commission as a Second Lieutenant in the United States Army. Any full-time student may enroll in Army ROTC provided he or she is a U.S. Citizen, at least 17 years of age, and of sound physical conditioning and moral character.

The Army ROTC program is traditionally a four-year program. The first two years of the program comprise the Basic Course. This includes classroom studies in such subjects as military history, leadership development, and national defense. Students may enroll in the first two years of the program without incurring any future military obligation (non-scholarship). ROTC books and uniforms are provided. In lieu of the Basic Course, students may qualify for the Advanced Course through a two year program.

The Advanced Course is normally taken in the junior and senior years. Students contract with ROTC and receive a stipend of $200 per academic month up to $2,000. Enrollment in the Advanced Course will enable students to continue to sharpen their management skills and teach new ROTC students the skills that have been learned in the Basic Course. Between the junior and senior years students attend the ROTC Advanced Camp. Students who have completed the Army ROTC program will be ready to become a commissioned officer in the U.S. Army upon graduation from college.
Army ROTC awards 2- and 3-year campus-based scholarships that pay for tuition and fees, plus an allowance for books and a monthly stipend of $200. Students may also receive tuition-remission grants.

All Army ROTC courses are conducted at the University of Louisville, Belknap Campus, in Dougherty Hall. Contact the IUS Registrar for further guidance to sign up for this Metroversity program. Interested students should also contact the Enrollment Officer at the University of Louisville, (502) 852-7902, for the latest program information.

University Division

Sherry Haehl, Director; Carolyn Kraft, Nancy Lemons, Gregory Roberts, Jane Spitznagel, Academic Advisors

Library Building 006
Phone: (812) 941-2243
Web site: www.ius.edu/UD/

The University Division is the academic division for all new students entering Indiana University Southeast except those who have met the requirements to transfer directly to the school of their choice. The primary purpose of the University Division is to provide academic guidance to students during their exploratory time at the university.

The University Division staff promotes students’ success as they work toward selecting a major and fulfilling entrance requirements to degree-granting schools and divisions (Arts and Letters, Business, Education, Natural Sciences, Nursing, Social Sciences). Most students will have selected majors and be academically eligible for acceptance into degree-granting schools or divisions after one year of full-time study, or the equivalent, or sooner. Those who want to continue to explore different majors may remain in University Division for an additional year. Some academic units have additional entrance requirements. Students should contact their University Division advisor for additional information.

Students transferring from another institution to the University Division with a grade point deficiency are automatically on probation. In such cases, substantial academic progress must be made each semester until the entire deficit has been removed. A student must attain a minimum cumulative grade point average (GPA) of 2.0 (C) before transferring to an academic major. (Business, communication, and education majors require a higher entrance GPA.) Students who are placed on probation because of low academic performance are expected to earn a minimum GPA of 2.0 (C) during the probationary period.

The University Division staff sponsors several programs including Academic Advising, New Student Orientation, and the Student Ambassador Program.

Academic Advising  Entering students are assigned advisors based on their intended major. “Undecided” or exploring students are assigned to advisors who are knowledgeable about a variety of majors and can help to guide the decision-making process. Each advisor has one or more specialty areas, and students are assigned to the advisor that will be of the most benefit to them. Students are free, at any time, to change advisors if they wish. Advisors are available by appointment throughout the week and will make every effort to accommodate the schedules of students.

Group advising is conducted in conjunction with fall and spring registrations. Students should attend a group with other students of the same major. A schedule of these groups will be mailed to each University Division student during the semester.

Academic advising is a shared responsibility between the student and the advisor. Students are expected to be prepared for their advising appointment by selecting a tentative schedule of classes to discuss with their advisor. Advisors will provide accurate and timely information to students to help them explore life, career, and academic plans and goals.

INSITE allows you to access your student records online. You may look up course offerings, check your schedule, look up your grades, print an unofficial transcript, check your bursar account, look up your financial aid, or change your address. The address for this Web site is insite.indiana.edu.

Orientation  All students entering Indiana University Southeast must attend an orientation session. Whether entering students are new college students or are transferring from another institution, orientation sessions are offered to help with their particular needs and ease the transition to college life. Each student will receive an information packet concerning the orientation programs after being admitted to the university.

Realizing that the entire family is affected by having a member enrolled in college, the university provides “Family Orientation.” Family members and significant others of enrolling students are encouraged to attend. Here, they will be given information that will help as the family makes the transition to having a member in college.
Student Ambassador Program The Student Ambassador Program is an excellent opportunity for upper-level students to assert themselves in leadership positions while also providing an important service to incoming students.

Student ambassadors act as peer advisors, as mentors, and as representatives of the university. Their primary responsibility is to help new students make a smooth transition to becoming university students. Student ambassadors are prepared for this in a 2 credit hour seminar class in leadership training (EDUC U495), which meets weekly throughout the spring semester. This course is paid for by a scholarship given to those who are selected as student ambassadors.

Students may enroll in the following Leadership courses which offer multiple opportunities for involvement on campus: EDUC U205 Your College Experience, EDUC U207 Seminar in Leadership, and TEL T204 Leadership and Technology.

Academic Programs
The academic programs offered at Indiana University Southeast have been organized into academic units. The list below summarizes this organization. Concentrations or tracks within programs are shown in parentheses. Students who need advice about degree programs or certificates should contact their respective school or division office to arrange for an appointment with an advisor. Full-time freshmen are usually assigned an advisor by the director of the University Division.

Arts and Letters
A.A. Communication Studies  
   (Communication or Theatre)
A.A. English
A.A. Music
B.A. Communication Studies  
   (Communication, Advertising, Theatre or Theatre-Business)
B.A. English  
   (Literature or Writing)
B.A. Fine Arts  
   (Ceramics, Drawing, Graphic Design, Painting or Printmaking)
B.A. French
B.A. Germanic Studies
B.A. Music  
   (Composition, Performance, Music-Business or Music Technology)
B.A. Philosophy  
   (Philosophy or Religious Studies)
B.A. Spanish

Arts and Sciences
Associate of Arts

Business
A.A. Economics
A.S. Business Administration  
   (Accounting or Business Administration)
B.A. Economics
B.S. Business  
   (Accounting, Business Economics and Public Policy, Finance, Information and Operations Management, Management or Marketing)
M.B.A. Business Administration
M.S. Accounting
Post-Baccalaureate Certificate for Business Professionals  
   (Accounting, Economics, Finance, General Business, Information and Operations Management or Management and Marketing)

Continuing Studies
A.G.S. General Studies
B.G.S. General Studies
Certificate in Basic Supervision

Education
A.S. Recreational Leadership
B.S. Elementary Education
B.S. Secondary Education
B.S. Special Education
M.S. Counseling
M.S. Elementary Education
M.S. Secondary Education
School Administrators’ and Supervisors’ Certificates/Educational Leadership

Liberal Studies
M.L.S. Liberal Studies

Natural Sciences
A.A. Biology
A.A. Mathematics
A.A. Physics
A.S. Computer Science
B.A. Biology
   (Liberal Arts or Preprofessional)
B.A. Chemistry
B.A. Geography
B.A. Mathematics
B.S. Computer Science
   (Information Systems or Science/Mathematics)
Certificate in Coding Specialist
Certificate in Environmental Science
Certificate in Medical Transcription
Nursing
B.S.N. Nursing
Purdue School of Technology
A.S. Computer Graphics Technology
A.S. Electrical Engineering Technology
A.S. Mechanical Engineering Technology
A.S. Organizational Leadership and Supervision
B.S. Organizational Leadership and Supervision
Social Sciences
A.S. Journalism
B.A. History
B.A. Political Science
   (Traditional or Public Service)
B.A. Psychology
B.A. Sociology
Certificate in Women and Gender Studies

Students interested in preprofessional programs in health-related fields should contact the dean of natural sciences. Students interested in prelaw should contact the dean of social sciences.

Students interested in earning a technical degree offered at Indiana University Southeast by the Purdue School of Technology need to contact a Purdue advisor about making application to Purdue University. Students working toward other Purdue University degrees will find that certain selected courses are offered cooperatively at Indiana University Southeast; however, those students should consult an academic advisor for IU Southeast.

Students enrolling at Indiana University who plan to apply their IU credits or degrees at other institutions should confer with or write to those institutions for advice.

Academic Majors, Minors, and Certificates

All degree-seeking students must declare a major. Although it may be done sooner, this is usually done after the first 26 to 30 credit hours of course work. See the University Division section of this bulletin for the rules and procedures governing declaration of majors. Students whose chosen majors lead to the B.A. or to the B.S. in education may pursue double academic majors. Consult the regulations governing double majors in the section on general requirements for the appropriate degree (see “Index”).

Students completing an IUS degree may concurrently complete a minor or a certificate in an academic discipline or an interdisciplinary field. Minors or certificates require between 15 and 24 credit hours and permit students to enrich and diversify their academic programs. The minor or certificate will be indicated upon conferral of the bachelor’s degree. Interested students should keep these restrictions in mind:

- A student may not earn a major and a minor in the same discipline.
- Courses applying to the major will not count toward the minor in an academic discipline.
- Students must obtain a minimum grade point average of 2.0 for all courses included in a minor or certificate.
- Students may not include any course with a grade below C–.

Students should also be aware that these minors and certificates will not certify education graduates to teach in the subject area. (A list of teaching minors is in the School of Education section of this bulletin.) Students wishing to pursue a minor or certificate should apply to the unit in which it is offered. Requirements for academic minors and certificates may be found along with the listing of majors (see “Index”).

Students interested in the research honors minor will find information in the section “Arts and Sciences Honors Research Minor.”

Double Degree

Students may simultaneously earn two different degrees (e.g., B.A. and B.S.). Such a double degree can be obtained by completing all requirements for each of the two degrees. The program of study should be submitted to the vice chancellor for academic affairs in the form of a letter for approval.
The Student’s Responsibility

No matter what the degree, certain basic requirements apply. These include a minimum number of credit hours, a minimum grade point average, a minimum residence requirement, course distribution requirements, a concentration or major, and certain specific skills courses (such as writing, mathematics, and foreign language).

Advisors and school or division deans will help students understand these requirements, but students alone are responsible for fulfilling them. IU CARE, Indiana University’s Computerized Advising Record, is available to assist students in understanding how and where courses fit in each academic program. IU CARE can be used on the Local Area Network through each student’s individual account.

At the end of a student’s course of study, the faculty and Board of Trustees vote upon conferral of the degree. If requirements have not been satisfied, the degree will be withheld pending fulfillment of all requirements. For this reason, it is important for students to acquaint themselves with all regulations and remain informed throughout their college careers.

Purpose and Philosophy of Undergraduate Education at IU Southeast

The purpose of an IU Southeast undergraduate education is to prepare students to act as thoughtful, informed, and productive citizens and lifelong learners in the context of a complex and rapidly changing society.

We believe that the best education is one that provides not only specific knowledge and skills but also intellectual breadth. Such an education enables students to develop into well rounded human beings who can provide the leadership their communities need in an era of rapid change.

We embrace the notion of a set of common goals for an undergraduate education at IU Southeast and recognize that the means of attaining those goals will vary among degree programs. The coherence of an IU Southeast education lies more in the pursuit of common goals than in the completion of common courses.

The pursuit of these goals is a shared responsibility of faculty and students. Courses in the major contribute to the major. Thus all faculty members foster both the breadth and the depth of the education of all students in their courses.

Common Goals of an IU Southeast Undergraduate Education

These are primarily the goals of general education:

1. To develop essential skills, including:
   a. Written and oral communication skills.
   b. Quantitative reasoning.
   c. Use of information technology.
   d. Reasoning about moral and ethical questions.
   e. Critical thinking.

2. To understand humanity and the world through the central ideas, issues, and methods of inquiry found in the arts and humanities, the natural sciences, and the social and behavioral sciences.

3. To understand the diversity of experiences and perspectives within and among cultures.

4. To function productively in groups and other interaction situations.

These are primarily the goals of the major:

5. To acquire a depth of knowledge in a specified area of study.

6. Within the context of a specified area of study, to reason, to think both critically and creatively, and to solve problems.

General Requirements for All Degrees at IUS

Collegiate Skills

Writing

All students must complete English W131 Elementary Composition I with a grade of C or higher and a designated writing course. Students are required to complete W131 or its equivalent, or to demonstrate equivalent competence, during their first 30 credit hours at IUS.

Placement in English Composition  In order to enter W131, a student must first take the English placement test administered by the Student Development Center. On the basis of this score, the student will be placed into W030 Developmental English, W100 Developmental Composition, or W131
Elementary Composition. This test is given throughout the year and by appointment.

Exemption from English W131 Students who desire an exemption with or without credit from English W131 should consult the Writing Program Coordinators. All requests for exemption and credit for W131 should be made within the student’s first 30 credit hours of course work at Indiana University Southeast.

Research Writing Requirement (Designated Writing Course) Courses that fulfill the designated writing requirement are offered in a variety of subject areas and are listed in each term’s IU Southeast Schedule of Classes. These courses offer supervision in the writing of a research paper. Some degree programs require specific courses as the designated writing course. Students must complete the research writing requirement during their first 60 credit hours at IUS.

Mathematics Students are required to demonstrate competency in mathematics in order to receive any of the following undergraduate degrees at IU Southeast: Associate of Arts, Associate of General Studies, Associate of Science, Bachelor of Arts, Bachelor of General Studies, Bachelor of Science, Bachelor of Science in Business, Bachelor of Science in Education.

The faculty that sets the curriculum for each of these degrees also determines the minimum standards that students studying for the degree must meet to satisfy this requirement. Students will find the standards published in this bulletin as part of the requirements for each degree.

Placement In order to enter a mathematics course, the student must first take a placement test, administered by the Student Development Center. On the basis of this score, the student will be placed in a course that best matches his or her knowledge of mathematics. This test is given throughout the year and by appointment.

Exemptions A student may achieve exemption from the mathematics requirement by earning a sufficiently high score on the American College Testing (ACT) or Scholastic Aptitude Testing (SAT) exam (as determined by the mathematics faculty), or by testing out of the appropriate class. For more information, see the dean of the Division of Natural Sciences.

Computer Competency Requirement All undergraduate students must demonstrate competency in efficient and productive use of the computer. Proficiency in fundamental laboratory skills, along with word processor, spreadsheet, database, presentation, and network software is required. Students may fulfill this requirement by successfully completing 3 credit hours of C100 Computing Tools, C106 Computers and Their Use, or A200 Computer Literacy. (Students pursuing the B.S. in Business Administration must take C106. C100 and A200 will not count towards this degree.)

Students may also fulfill the requirement by demonstrating proficiency on tests of the above software applications. Students who wish to pursue the testing option should consult the computer science faculty.

Advanced requirement Each degree program may require students to demonstrate additional competency in computer uses that are appropriate to that program. Students should check with their academic advisors to learn what the requirements are for specific programs.

Special notes:
- Students pursuing an education degree fulfill this requirement by successfully completing W200 and other courses which integrate technology appropriate for education.
- Students majoring in nursing will fulfill this requirement by successfully completing selected nursing courses that integrate computer technology.

Technical Requirements
1. Courses taken on the Pass/Fail option can be applied only as electives in meeting degree requirements.
2. No more than 60 credit hours earned in accredited junior colleges may be applied toward a bachelor’s degree.
3. By special permission from the vice chancellor for academic affairs, a limited number of credit hours may be earned through correspondence or special credit examination. Permission of the division dean is usually required for students enrolled in a degree program on the IUS campus to also enroll in courses offered through the Independent Study Division.
4. Course work for a degree must ordinarily be completed within 10 years following the time the student first registers in the university. Exceptions may be granted by the appropriate school or division dean.
5. Degree candidates must have all course credit hours (except for the credit hours for the current semester) on record at least six weeks before the degree is conferred.
6. Students must file their application for a degree in the school or division office no later than October 1 for May graduation, no later than March 1 for August graduation, and no later than June 1 for December graduation.

Graduation Requirements for the Bachelor of Arts Degree

General Rules
Candidates for the Bachelor of Arts degree should first review “General Requirements for All Degrees at IUS.”

1. A minimum of 120 credit hours (at least 130 credit hours if also seeking teacher certification) are required for graduation.

A minimum grade of D– counts as passing for this requirement if the course was taken at an IU campus.

Courses accepted for transfer credit from another accredited institution must have a minimum grade of C (not C–) to satisfy this requirement. (The Office of Admissions handles the assessment of transfer courses.)

Student development courses such as M006, M007, W030, W100, and X150 do not count toward the 120 credit hours required for graduation.

If a student passes the same course more than once, it can count only once toward graduation, unless the bulletin specifically states that the course may be repeated for credit.

Note: The transcript may not indicate how many credit hours have been earned toward graduation. It gives the “IU GPA credit hours,” which may include failed courses and repeated courses. The transcript also indicates “total IU credit hours passed,” but this may include student development courses.

2. To meet the minimum residence requirement, every degree candidate must complete not fewer than 26 credit hours of course work in the senior year in residence at Indiana University Southeast, and not fewer than 10 credit hours of course work in the major field of study at Indiana University Southeast.

3. The degree candidate must have a minimum cumulative grade point average of 2.0 (C).

4. Students are required to complete a minimum of 30 credit hours in courses at the 300 and 400 level. Courses used to meet this requirement may be from any department. Transferred courses designated undistributed (UNDI) normally do not count toward this requirement.

English Composition
Students must complete English W131 (Elementary Composition I) with a grade of C or higher. (See “General Requirements for All Degrees at IUS.”)

Students must complete the research writing requirement. (See “General Requirements for All Degrees at IUS.”)

Mathematics
Students fulfill the mathematics requirement when they have completed the mathematical and formal reasoning distribution requirement for the Bachelor of Arts degree with a minimum grade of D–.

Foreign Language
Students must satisfactorily complete (D– or higher) four semesters of a foreign language, or they must earn an achievement examination or placement test score sufficient for placement in foreign language classes at the 300 level or above. (For details, see the section on “Further Information on the Foreign Language Requirement.”)

Cultural Diversity
Students entering as first-year students in fall 1995 or later must complete, with a minimum grade of D–, one course in any discipline that fosters an appreciation for cultural diversity by focusing on the experiences and ways of thinking of various cultural groups. The focus may be historical or contemporary; it may investigate a single tradition or be comparative. Both courses about United States minority groups and those about non-Western societies or cultures are acceptable. Many courses that satisfy the cultural diversity requirement may also be used to satisfy one of the B.A. distribution requirements. The courses currently available to meet this requirement are listed below. Before enrolling in any of these classes, the student should check the IUS Bulletin for prerequisites. Students should be aware that lists are periodically revised.

Afro-American Studies
AFRO A249 Afro-American Autobiography (3 cr.)
AFRO A379 Early Black American Writing (3 cr.)
AFRO A380 Contemporary Black American Writing (3 cr.)
AFRO A386 Black Feminist Perspectives (3 cr.)
AFRO A480 The Black Novel (3 cr.)

Anthropology
ANTH A362 Principles of Social Organization (3 cr.)
ANTH E320 Indians of North America (3 cr.)
ANTH P315 Late Prehistory of Africa (3 cr.)

Comparative Literature
CMLT A379 Early Black American Writing (3 cr.)
CMLT A380 Contemporary Black American Writing (3 cr.)
CMLT C340 Women in World Literature (3 cr.)

English
ENG L107 Oriental World Masterpieces (3 cr.)
ENG L207 Women and Literature (3 cr.)
ENG L374 Ethnic American Literature (3 cr.)
ENG L379 American Ethnic and Minority Literature (3 cr.)

Fine Arts
FINA A150 African, New World, and Oceanic Art (3 cr.)
FINA A270 Women in the History of Art (3 cr.)
FINA A362 The Art of Japan (3 cr.)
FINA A400 Seminar in Art History* (3 cr.)
FINA A451 Art of the South Pacific (3 cr.)
FINA A452 Art of Pre-Columbian America (3 cr.)
FINA A453 Art of Sub-Saharan Africa (3 cr.)
FINA A458 Topics in the Ethnographic Arts (Africa, the Pacific, and the Americas) (3 cr.)
FINA A490 Topics in Art History [Native American Art]* (3 cr.)

French
FREN F363 Introduction à la France Moderne (3 cr.)
FREN F461 La France contemporaine (3 cr.)

German
GER G363 Deutsche Kulturgeschichte (3 cr.)

History
HIST A364 History of Black Americans (3 cr.)
HIST E100 Issues in African History (3 cr.)
HIST F100 Issues in Latin American History: Introduction (3 cr.)
HIST F341 Latin America: Conquest and Empire (3 cr.)
HIST F342 Latin America: Evolution and Revolution (3 cr.)
HIST F416 History of Slavery (3 cr.)
HIST F432 Upheaval in 20th-Century Latin America (3 cr.)

HIST G100 Issues in Asian History (3 cr.)
HIST G200 America’s Wars in Asia (3 cr.)
HIST G385 Modern China (3 cr.)
HIST G387 Contemporary China (3 cr.)
HIST G451 East Asian Civilization I (3 cr.)
HIST G452 East Asian Civilization II (3 cr.)
HIST H101 The World in the Twentieth Century (3 cr.)
HIST H207 Modern East Asian Civilizations (3 cr.)
HIST H208 American-East Asian Relations (3 cr.)
HIST H214 Comparative Women’s History (3 cr.)
HIST H231 The Family in History (3 cr.)

Music
MUS M375 Survey of Ethnic and Popular Music of the World (3 cr.)

Philosophy
PHIL P170 Introduction to Asian Philosophy (3 cr.)
PHIL P200 [Martin Luther King and Malcolm X]* (1-3 cr.)
PHIL P271 Issues in Oriental Philosophy (3 cr.)
PHIL P374 Early Chinese Philosophy (3 cr.)

Political Science
POL Y324 Women and Politics (3 cr.)
POL Y334 Japanese Politics (3 cr.)
POL Y337 Latin American Politics (3 cr.)
POL Y343 Developmental Problems in the Third World (3 cr.)

Psychology
PSY P457 Topics in Psychology (1-3 cr.)
PSY P460 Women: A Psychological Perspective (3 cr.)

Religion
REL R153 Religions of the East (3 cr.)
REL R245 Introduction to Judaism (3 cr.)
REL R364 Feminist Critique of Western Religion (3 cr.)

Sociology
SOC S216 American Ethnic Diversity (3 cr.)
SOC S310 Sociology of Women in America (3 cr.)
SOC S335 Race and Ethnic Relations (3 cr.)
SOC S338 Sociology of Sex Roles (3 cr.)
SOC S413 Gender and Society (3 cr.)
SOC S423 Sexual Patterns and Variations (3 cr.)

Spanish
SPAN S275 Hispanic Culture and Conversation (3 cr.)
SPAN S301 The Hispanic World I (3 cr.)
SPAN S302 The Hispanic World II (3 cr.)
The distribution requirements are a common core of study for all students pursuing the Bachelor of Arts degree. Regardless of what major(s) or minor(s) students ultimately choose, this core provides a basic foundation in the arts and sciences disciplines. Students should realize that completing these relatively few courses cannot in itself bring about a deep grounding in intellectual and cultural traditions. However, the experience does give students a basic sense of how all these disciplines—scientific and nonscientific, historical and nonhistorical, critical and noncritical—form an integrated whole, and how they build upon intellectual traditions to contribute to human beings’ ongoing assessment and formation of cultural values. Such an introduction serves students well both in their chosen fields and in their continued learning beyond their university studies.

The requirements below apply to students entering IUS as first-year students in the fall of 1995 or later. Students who entered before the fall of 1995 will ordinarily meet the previously published requirements and should consult the Indiana University Southeast Bulletin in effect when they entered. Students who entered before the fall of 1995 may, with the approval of their academic advisors and deans, opt to fulfill these requirements.

To fulfill the B.A. distribution requirements, students must select a specified number of courses from each of four areas. They must obtain a minimum grade of D– (the lowest passing grade) in all courses used to fulfill the distribution requirements and may not apply a given course to a distribution requirement in more than one area. A student may not use more than 6 credit hours in any particular discipline to satisfy the Bachelor of Arts degree distribution requirements.

**The Natural World**

All courses fulfilling this requirement expose students to theoretical research into the physical structures and regularities of the natural world, as well as the complexities and categories of living organisms. Requirement: three courses; at least one physical science course and one life science course for a minimum total of 11 credit hours; at least one course must include a laboratory component. The courses currently available to meet this requirement are listed below. Students should be aware that lists are periodically revised.

**LIFE SCIENCE**

**Biology**
- ANAT A215 Basic Human Anatomy (5 cr.) (L)
- BIOL L100 Humans and the Biological World (5 cr.) (L)
- BIOL L107 Biological Concepts (5 cr.) (L)
- BIOL L200 Environmental Biology and Conservation (3 cr.)
- BIOL L201 Ecological Principles (4 cr.)
- BIOL L205 Biology Field Techniques (3 cr.)
- BIOL L211 Molecular Biology (3 cr.)
- BIOL L303 Field Biology (3 cr.)
- BIOL L304 Marine Biology (3 cr.)
- BIOL L350 Environmental Biology (3 cr.)
- PHSL P130 Human Biology (4 cr.)
- PHSL P215 Basic Mammalian Physiology (5 cr.) (L)

**Psychology**
- PSY P326 Behavioral Neuroscience (3 cr.)
**PHYSICAL SCIENCE**

**Astronomy**
- ASTR A100 The Solar System (3 cr.)
- ASTR A105 Stellar Astronomy (3 cr.)
- ASTR A151 Introductory Astronomy Research Laboratory (2 cr.) (L)

**Chemistry**
- CHEM C101 Elementary Chemistry I (3 cr.)
- CHEM C121 Elementary Chemistry Lab I (2 cr.) (L)
- CHEM C102 Elementary Chemistry II (3 cr.)
- CHEM C122 Elementary Chemistry Lab II (2 cr.) (L)
- CHEM C104 Physical Sciences and Society (3 cr.)
- CHEM C105 Principles of Chemistry I (3 cr.)
- CHEM C106 Principles of Chemistry II (3 cr.)
- CHEM C125 Experimental Chemistry I (2 cr.) (L)
- CHEM C126 Experimental Chemistry II (2 cr.) (L)

**Geography**
- GEOG G107 Physical Systems of the Environment (3 cr.)
- GEOG G107 Physical Systems of the Environment (5 cr.) (L)
- GEOG G108 Physical Systems of the Environment Laboratory (2 cr.) (L)
- GEOG G304 Meteorology and Physical Climatology (3 cr.)
- GEOG G308 Disasters: Natural/Human Induced (3 cr.)
- GEOG G315 Environmental Conservation (3 cr.)

**Geology**
- GEOL G100 Earth Science: Geologic Aspects (5 cr.) (L)
- GEOL G109 Geology: Evolution of the Earth (taken with lab below) (3 cr.)
- GEOL G119 Geology: Evolution of the Earth Laboratory (1 cr.) (L)
- GEOL G110 Geology: The Earth’s Environment (taken with lab below) (3 cr.)
- GEOL G120 Geology: The Earth’s Environment Laboratory (1 cr.) (L)
- GEOL G221 Introductory Mineralogy (3 cr.)
- GEOL G300 Environmental and Urban Geology (3 cr.)
- GEOL G411 Invertebrate Paleontology (3 cr.)
- GEOL G415 Geomorphology (3 cr.)

**Physics**
- PHYS P100 Physics in the Modern World (5 cr.) (L)
- PHYS P201 General Physics I (5 cr.) (L)
- PHYS P202 General Physics II (5 cr.) (L)
- PHYS P221 Physics I (5 cr.) (L)
- PHYS P222 Physics II (5 cr.) (L)

**Mathematical and Formal Reasoning**

All courses fulfilling this requirement expose students to fundamental forms of quantitative and formal reasoning. Requirement: two courses, one in mathematics and one in logic, computer science, or mathematics that deals with formal reasoning. The courses currently available to meet this requirement are listed below. Students should be aware that lists are periodically revised.

**MATHEMATICAL REASONING**

**Mathematics**
- MATH K300 Statistical Techniques (3 cr.)
- MATH M110 Excursions into Mathematics (3 cr.)
- MATH M118 Finite Mathematics (3 cr.)
- MATH M122 College Algebra (3 cr.)
- MATH M119 Brief Survey of Calculus I (3 cr.)
- MATH M120 Brief Survey of Calculus II (3 cr.)
- MATH M125 Precalculus Mathematics (3 cr.)
- MATH M215 Analytic Geometry and Calculus I (5 cr.)
- MATH M216 Analytic Geometry and Calculus II (5 cr.)

**FORMAL REASONING**

**Computer Science**
- CSCI A201 Computer Programming (3 cr.)
- CSCI C201 Introduction to Computer Programming (3 cr.)
- CSCI C202 Computer Programming (4 cr.)

**Philosophy**
- PHIL P150 Elementary Logic (3 cr.)
- PHIL P250 Symbolic Logic I (3 cr.)

**The Individual, Society, and Politics**

All courses fulfilling this requirement deal with questions pertaining to the social, political, and psychological contexts within which individuals think and act. Students will be exposed to a number of theories and methods stressing the differences and common assumptions at work in social science research. Courses are divided into two categories: Psychology and Society (including courses that take up psychological, sociological, and anthropological forms of investigation); and Politics and Economics (including courses that take up political and economic forms of investigation). These courses will give students a sense of the influences at play in the
life of the individual. Requirement: three courses, at least one from each category. The courses currently available to meet this requirement are listed below. A (DIV) after the credit hours indicates that the course will also satisfy the B.A. degree diversity requirement. Students should be aware that lists are periodically revised.

**PSYCHOLOGY AND SOCIETY**

**Anthropology**
- ANTH A105 Human Origins and Prehistory (3 cr.)
- ANTH A362 Principles of Social Organization (3 cr.) (DIV)
- ANTH E105 Culture and Society (3 cr.)
- ANTH E320 Indians of North America (3 cr.) (DIV)

**Geography**
- GEOG G110 Introduction to Human Geography (3 cr.)

**Psychology**
- PSY P101 Introduction to Psychology I (3 cr.)
- PSY P102 Introduction to Psychology II (3 cr.)
- PSY P233 Industrial Psychology (3 cr.)
- PSY B310 Lifespan Development (3 cr.)

**Sociology**
- SOC S163 Social Problems (3 cr.)
- SOC S164 Marital Relations and Sexuality (3 cr.)
- SOC S216 American Ethnic Diversity (3 cr.) (DIV)
- SOC R220 The Family (3 cr.)
- SOC R463 Inequality and Society (3 cr.)

**Speech**
- SPCH S205 Introduction to Communications (3 cr.)

**Telecommunications**
- TEL R287 Process and Effects of Mass Communications (3 cr.)

**POLITICS AND ECONOMICS**

**Economics**
- ECON E107 Introduction to Macroeconomics (3 cr.)
- ECON E108 Introduction to Microeconomics (3 cr.)
- ECON E200 Fundamentals of Economics: An Overview (4 cr.)
- ECON E323 Urban Economics (3 cr.)
- ECON E347 Women and the Economy (3 cr.) (DIV)
- ECON E350 Money and Banking (3 cr.)
- ECON E360 Public Finance (3 cr.)

**Geography**
- GEOG G213 Introduction to Economic Geography (3 cr.)

**Philosophy**
- PHIL P145 Introduction to Social and Political Philosophy (3 cr.)
- PHIL P345 Problems in Social and Political Philosophy (3 cr.)

**Political Science**
- POLS Y103 Introduction to American Politics (3 cr.)
- POLS Y107 Introduction to Comparative Politics (3 cr.)
- POLS Y109 Introduction to International Politics (3 cr.)
- POLS Y205 Elements of Political Analysis (3 cr.)
- POLS Y301 Political Parties and Interest Groups (3 cr.)
- POLS Y302 Public Bureaucracy in Modern Society (3 cr.)
- POLS Y303 Public Policy (3 cr.)
- POLS Y304 Judicial Process and American Constitutional Law I (3 cr.)
- POLS Y306 State Politics in the United States (3 cr.)
- POLS Y308 Urban Politics (3 cr.)
- POLS Y316 Public Opinion and Political Participation (3 cr.)
- POLS Y319 The United States Congress (3 cr.)
- POLS Y322 The American Presidency (3 cr.)
- POLS Y323 Legislative Behavior (3 cr.)
- POLS Y324 Women and Politics (3 cr.) (DIV)
- POLS Y330 Comparative Political Analysis (3 cr.)
- POLS Y331 British Politics (3 cr.)
- POLS Y334 Japanese Politics (3 cr.) (DIV)
- POLS Y337 Latin American Politics (3 cr.) (DIV)
- POLS Y343 Developmental Problems in the Third World (3 cr.) (DIV)
- POLS Y360 U.S. Foreign Policy (3 cr.)
- POLS Y366 Current Foreign Policy Problems (3 cr.)
- POLS Y374 International Organization (3 cr.)
- POLS Y376 International Political Economy (3 cr.)
- POLS Y388 Marxist Theory (3 cr.)
- POLS Y392 Problems of Contemporary Political Philosophy (3 cr.)
- POLS Y394 Public Policy Analysis (3 cr.)

**Studies in Traditional Sources: Literature, Ideas, History, and the Arts**

Courses fulfilling this requirement challenge students to read, interpret, and analyze representative works emerging from rich and diverse traditions. The
readings in these courses will encourage students to take seriously the nature of a broad range of issues, crises, and accomplishments, whether they be ancient or recent in origin. Exposure to the ways in which the various disciplines approach texts and other traditional sources develops students’ creative, analytic, and interpretive capacities.

Courses are divided into four categories: Literature (including courses that involve the careful study of significant literary texts); Ideas (giving students the opportunity to investigate general moral, spiritual, and intellectual issues); Historical Investigation (including courses in social, political, economic, and cultural history, as well as courses in the history of music and art); and the Arts (giving students the chance to take part in disciplined performance, creation, and study in the arts). Requirement: five courses, two in Historical Investigation and one each in Literature, Ideas, and the Arts. The courses currently available to meet this requirement are listed below. A (DIV) after the credit hours indicates that the course will also satisfy the B.A. degree diversity requirement. Students should be aware that lists are periodically revised.

**LITERATURE**

- **Comparative Literature**
  - CMLT A379 Early Black American Writing (3 cr.) (DIV)
  - CMLT A380 Contemporary Black American Writing (3 cr.) (DIV)
  - CMLT C217 Detective, Mystery, and Horror Literature (3 cr.)
  - CMLT C340 Women in World Literature (3 cr.) (DIV)

- **English**
  - ENG L101 Western World Masterpieces I (3 cr.)
  - ENG L102 Western World Masterpieces II (3 cr.)
  - ENG L107 Oriental World Masterpieces (3 cr.) (DIV)
  - ENG L202 Literary Interpretation (3 cr.)
  - ENG L203 Introduction to Drama (3 cr.)
  - ENG L204 Introduction to the Novel and Short Story (3 cr.)
  - ENG L205 Introduction to Poetry (3 cr.)
  - ENG L207 Women and Literature (3 cr.) (DIV)
  - ENG L220 Introduction to Shakespeare (3 cr.)
  - ENG L297 English Literature to 1600 (3 cr.)
  - ENG L298 English Literature from 1600-1830 (3 cr.)
  - ENG L299 English Literature since 1830 (3 cr.)
  - ENG L303 Medieval English Literature in Translation (3 cr.)
  - ENG L305 Chaucer (3 cr.)
  - ENG L308 Elizabethan Drama and Its Background (3 cr.)
  - ENG L309 Elizabethan Poetry (3 cr.)
  - ENG L313 Early Plays of Shakespeare (3 cr.)
  - ENG L314 Late Plays of Shakespeare (3 cr.)
  - ENG L317 English Poetry of the Early Seventeenth Century (3 cr.)
  - ENG L318 Milton (3 cr.)
  - ENG L320 Restoration and Early Eighteenth Century Literature (3 cr.)
  - ENG L327 Later Eighteenth Century Literature (3 cr.)
  - ENG L328 Restoration and Eighteenth Century Drama (3 cr.)
  - ENG L329 Romantic Literature (3 cr.)
  - ENG L330 Major Romantic Writers II (3 cr.)
  - ENG L333 Victorian Literature (3 cr.)
  - ENG L345 Twentieth Century British Poetry (3 cr.)
  - ENG L346 Twentieth Century British Fiction (3 cr.)
  - ENG L347 British Fiction to 1800 (3 cr.)
  - ENG L348 Nineteenth Century British Fiction (3 cr.)
  - ENG L351 American Literature to 1865 (3 cr.)
  - ENG L352 American Literature 1865-1914 (3 cr.)
  - ENG L354 American Literature since 1914 (3 cr.)
  - ENG L355 American Novel: Cooper to Dreiser (3 cr.)
  - ENG L356 American Poetry to 1900 (3 cr.)
  - ENG L357 Twentieth Century American Poetry (3 cr.)
  - ENG L358 Twentieth Century American Fiction (3 cr.)
  - ENG L363 American Drama (3 cr.)
  - ENG L365 Modern Drama: Continental (3 cr.)
  - ENG L366 Modern Drama: English, Irish, and American (3 cr.)
  - ENG L367 Literature of the Bible (3 cr.)
  - ENG L371 History of Criticism (3 cr.)
  - ENG L378 Studies in Women and Literature (3 cr.)
  - ENG L381 Recent Writing (3 cr.)
  - ENG L450 Seminar: British and American Authors (3 cr.)
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<tr>
<td>ENG L460</td>
<td>Seminar: Literary Form, Mode, and Theme (3 cr.)</td>
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<td>ENG L470</td>
<td>Seminar: Literature and Interdisciplinary Studies (3 cr.)</td>
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<tr>
<td>ENG L480</td>
<td>Seminar: Literature and History (3 cr.)</td>
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<td>ENG L495</td>
<td>Individual Reading in English (1-3 cr.)</td>
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<td>FREN F300</td>
<td>Lectures et analyses littéraires (3 cr.)</td>
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<td>FREN F305</td>
<td>Chefs-d’œuvres de la littérature française (Masterpieces I) (3 cr.)</td>
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<td>FREN F306</td>
<td>Chefs-d’œuvres de la littérature française (Masterpieces II) (3 cr.)</td>
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<td>GER G255</td>
<td>Masterpieces of German Literature in Translation (3 cr.)</td>
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<td>GER G305</td>
<td>Introduction to German Literature: Types (3 cr.)</td>
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<td>REL R362</td>
<td>Religion in Literature (3 cr.)</td>
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<td>SPAN S301</td>
<td>The Hispanic World I (3 cr.) (DIV)</td>
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<td>SPAN S302</td>
<td>The Hispanic World II (3 cr.) (DIV)</td>
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<td>SPAN S303</td>
<td>The Hispanic World III (3 cr.) (DIV)</td>
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<td>THTR T270</td>
<td>Introduction to the History of Theatre I (3 cr.)</td>
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<td>Introduction to the History of Theatre II (3 cr.)</td>
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<td>ENG C347</td>
<td>Ideas in Literature (3 cr.)</td>
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<td>ENG L371</td>
<td>History of Criticism (3 cr.)</td>
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<td>HUMA U101</td>
<td>Introduction to the Humanities (3 cr.)</td>
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<td>Introduction to Modern Humanities (3 cr.)</td>
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<td>HIST A321</td>
<td>History of American Thought I (3 cr.)</td>
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<td>HIST A322</td>
<td>History of American Thought II (3 cr.)</td>
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<td>Seminar in Journalism Ethics (3 cr.)</td>
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<td>Introduction to Philosophy of Science (3 cr.)</td>
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<td>HPSC X355</td>
<td>Special Topics in the History and Philosophy of Science (3 cr.)</td>
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<td>Introduction to Philosophy (3 cr.)</td>
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<td>PHIL P135</td>
<td>Introduction to Existentialism (3 cr.)</td>
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<td>PHIL P140</td>
<td>Elementary Ethics (3 cr.)</td>
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<td>PHIL P145</td>
<td>Introduction to Social and Political Philosophy (3 cr.)</td>
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<td>PHIL P200</td>
<td>Problems of Philosophy [Martin Luther King and Malcolm X]* (1-3 cr.) (DIV)</td>
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<td>Ancient Greek Philosophy (3 cr.)</td>
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<td>PHIL P211</td>
<td>Modern Philosophy: Descartes through Kant (3 cr.)</td>
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<td>PHIL P240</td>
<td>Business and Morality (3 cr.)</td>
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<td>Issues in Oriental Philosophy (3 cr.) (DIV)</td>
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<td>American Pragmatism (3 cr.)</td>
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<td>Phenomenology and Existentialism (3 cr.)</td>
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<td>POLS Y105</td>
<td>Introduction to Political Theory (3 cr.)</td>
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<td>POLS Y388</td>
<td>Marxist Theory (3 cr.)</td>
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<td>POLS Y392</td>
<td>Problems of Contemporary Political Philosophy (3 cr.)</td>
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<td>History and Systems of Psychology (3 cr.)</td>
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<td>REL R152</td>
<td>Introduction to Religion in the West (3 cr.)</td>
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<td>REL R153</td>
<td>Religions of the East (3 cr.) (DIV)</td>
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<td>REL R160</td>
<td>Introduction to Religion in Culture (3 cr.)</td>
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<td>REL R170</td>
<td>Religion and Social Issues (3 cr.)</td>
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<td>REL R180</td>
<td>Introduction to Christianity (3 cr.)</td>
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<td>REL R210</td>
<td>Religion of Ancient Israel (3 cr.)</td>
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REL R220 The Christian Church in New Testament Times (3 cr.)
REL R245 Introduction to Judaism (3 cr.) (DIV)
REL R335 Religion in America I (3 cr.)
REL R336 Religion in America II (3 cr.)
REL R364 Feminist Critique of Western Religion (3 cr.) (DIV)

Sociology
SOC S313 Sociology of Religion (3 cr.)

Speech
SPCH S222 Social Influence of Speech (3 cr.)

HISTORICAL INVESTIGATION

Economics
ECON E409 Economic History of the U.S. (3 cr.)
ECON E410 Selected Topics in U.S. Economic History (3 cr.)

Fine Arts
FINA A101 Ancient and Medieval Art (3 cr.)
FINA A102 Renaissance through Modern Art (3 cr.)
FINA A270 Women in the History of Art (3 cr.) (DIV)
FINA A315 Ancient Art (3 cr.)
FINA A322 Romanesque and Gothic Art (3 cr.)
FINA A331 Fourteenth and Fifteenth Century Art in Italy (3 cr.)
FINA A342 Twentieth Century Art (3 cr.)
FINA A362 The Art of Japan (3 cr.) (DIV)
FINA A440 Nineteenth Century Art (3 cr.)
FINA A451 Art of the South Pacific (3 cr.) (DIV)
FINA A452 Art of Pre-Columbian America (3 cr.) (DIV)
FINA A453 Art of Sub-Saharan Africa (3 cr.) (DIV)
FINA A458 Topics in the Ethnographic Arts (Africa, the Pacific, and the Americas) (3 cr.) (DIV)
FINA A478 History of Ceramics (3 cr.)
FINA A490 Topics in Art History (3 cr.)

German
GER G363 Deutsche Kulturgeschichte (3 cr.) (DIV)

Geography
GEOG G418 Historical Geography (3 cr.)

History
HIST H101 The World in the Twentieth Century (3 cr.) (DIV)
HIST H103 Europe: Renaissance to Napoleon (3 cr.)
HIST H104 Europe: Napoleon to Present (3 cr.)
HIST H105 American History I (3 cr.)
HIST H106 American History II (3 cr.)
HIST A303 United States, 1789-1865 I (3 cr.)
HIST A304 United States, 1789-1865 II (3 cr.)
HIST A313 Origins of Modern America (3 cr.)
HIST A314 Recent U.S. History I (3 cr.)
HIST A315 Recent U.S. History II (3 cr.)
HIST A348 Civil War and Reconstruction (3 cr.)
HIST B361 Europe in the Twentieth Century I (3 cr.)
HIST B362 Europe in the Twentieth Century II (3 cr.)
HIST B378 History of Germany since 1648 II (3 cr.)
HIST D308 Empire of the Tsars (3 cr.)
HIST D310 Russian Revolutions and the Soviet Regime (3 cr.)
HIST D418 Russian and Soviet Foreign Policy in the Twentieth Century (3 cr.)
HIST F342 Latin America: Evolution and Revolution (3 cr.) (DIV)
HIST F416 History of Slavery in the Americas (3 cr.) (DIV)
HIST G100 Issues in Asian History (3 cr.) (DIV)
HIST G200 America’s Wars in Asia (3 cr.) (DIV)
HIST G385 Modern China (3 cr.) (DIV)
HIST G387 Contemporary China (3 cr.) (DIV)
HIST G451 East Asian Civilization I (3 cr.) (DIV)
HIST G452 East Asian Civilization II (3 cr.) (DIV)
HIST H201 Russian Civilization I (3 cr.)
HIST H202 Russian Civilization II (3 cr.)
HIST H205 Ancient Civilizations (3 cr.)
HIST H206 Medieval Civilizations (3 cr.)
HIST H207 Modern East Asian Civilizations (3 cr.) (DIV)
HIST H208 American-East Asian Relations (3 cr.) (DIV)
HIST H214 Comparative Women’s History (3 cr.) (DIV)
HIST H218 History of Motion Pictures (3 cr.)
HIST H231 The Family in History (3 cr.)
HIST H233 Sports in History (3 cr.)
### Music
- **MUS M110** History of Rock and Popular Music (3 cr.)
- **MUS M201** The Literature of Music I (3 cr.)
- **MUS M202** The Literature of Music II (3 cr.)
- **MUS M403** The History of Music I (3 cr.)
- **MUS M404** The History of Music II (3 cr.)

### Religion
- **REL R331** Christian Thought from the Reformation to the Present (3 cr.)

### Spanish
- **SPAN S411** Spanish Culture and Civilization (3 cr.) (DIV)
- **SPAN S412** Latin American Culture and Civilization (3 cr.) (DIV)

### Theatre
- **THTR T270** Introduction to History of Theatre I (3 cr.)
- **THTR T271** Introduction to History of Theatre II (3 cr.)
- **THTR T275** American Theatre: The Black Experience and Contributions (3 cr.) (DIV)

### THE ARTS

#### Comparative Literature
- **CMLT C190** An Introduction to Film (3 cr.)

#### English
- **ENG W203** Creative Writing (3 cr.)
- **ENG W301** Writing Fiction (3 cr.)
- **ENG W303** Writing Poetry (3 cr.)

#### Fine Arts
- **FINA H100** Art Appreciation (3 cr.)
- **FINA N108** Drawing for Non-Majors (3 cr.)
- **FINA S111** Fundamental Studio I (4 cr.)
- **FINA S165** Ceramics for Non-Majors (3 cr.)
- **FINA S196** Printmaking for Non-Majors (3 cr.)
- **FINA S239** Painting for Non-Majors (3 cr.)

#### Journalism
- **JOUR J344** Photojournalism (3 cr.)

#### Music
- **MUS E241** Introduction to Music Fundamentals (3 cr.)
- **MUS M174** Music for the Listener I (3 cr.)
- **MUS M175** Music for the Listener II (3 cr.)
- **MUS M201** Literature of Music I (3 cr.)
- **MUS M202** Literature of Music II (3 cr.)
- **MUS M375** Survey of Ethnic and Popular Musics of the World (3 cr.) (DIV)
- **MUS M403** History of Music I (3 cr.)
- **MUS M404** History of Music II (3 cr.)
- **MUS M543** Keyboard Literature I (3 cr.)
- **MUS T113** Music Theory I (3 cr.)

#### Speech
- **SPCH C205** Introduction to Oral Interpretation (3 cr.)
- **SPCH S121** Public Speaking (3 cr.)

#### Theatre
- **THTR T100** Introduction to Theatre (3 cr.)
- **THTR T105** Theatre Appreciation (3 cr.)
- **THTR T115** Oral Interpretation (3 cr.)
- **THTR T120** Acting I (3 cr.)
- **THTR T221** Movement for the Actor (3 cr.)
- **THTR T222** Voice for the Actor (3 cr.)
- **THTR T225** Stagecraft I (3 cr.)
- **THTR T230** Stage Costuming I (3 cr.)
- **THTR T236** Reader’s Theatre I (3 cr.)
- **THTR T302** Musical Theatre (3 cr.)
- **THTR T326** Scene Design I (3 cr.)
- **THTR T335** Stage Lighting I (3 cr.)
- **THTR T453** Playwriting I (3 cr.)

*Varying topics are offered, some of which meet the diversity requirement. Topics shown in brackets have been approved for the diversity requirement. Students should consult the IUS Schedule of Classes. Where there is another topics course applicable to cultural diversity, a student may petition the dean to have that course count for the diversity requirement.

### Major Requirements

Students must complete requirements for a specific major, which must total no fewer than 25 credit hours.

The specific requirements a student must fulfill for the major are those published in the IUS Bulletin current at the time the student declares the major, or those in the bulletin at the time of graduation. If there is a discrepancy between the bulletins, the dean of the appropriate academic unit will determine which bulletin to follow.

No later than the first semester of the junior year, students should plan a tentative outline of their major with their dean or assigned major advisor.
Note:
1. Only minimum grades of C– may be counted toward this requirement, although courses with lower passing grades may count toward the 120 credit hour requirement.
2. Courses taken to satisfy the English W131 requirement may not be applied to satisfy the major.

Double Major
A double major is awarded to all B.A. candidates who satisfy the requirements of two majors. At least 25 credit hours must be taken in each major. The student is required to have one advisor from each of the major programs. The program of study should be submitted to the vice chancellor for academic affairs in the form of a letter for approval.

Double Degree
Students may simultaneously earn two different degrees (e.g., B.A. and B.S.). Such a double degree can be obtained by completing all requirements for each of the two degrees. The program of study should be submitted to the vice chancellor for academic affairs in the form of a letter for approval.

Certification to Teach
With careful planning, a student may earn teacher’s certification for senior high/junior high/middle school or all-grade education while working toward a Bachelor of Arts degree, completing the requirements for both in four to five years of full-time study. Students interested in such a program of study should consult both an advisor in their major field and an advisor in the School of Education.

Arts and Sciences Honors Research Minor
Students majoring in B.A. degree-granting disciplines, and interested others who are sponsored by faculty members from those disciplines, may apply to participate in the honors research program, provided that they have completed at least 56 credit hours of course work. Candidates for the honors research minor must complete a minimum of 15 credit hours of course work, including a minimum of 6 hours of research credit and 1 to 4 hours of credit for participation in honors seminars. Students interested in this program should consult their academic advisors.

H400 Honors Research Minor Seminar (1 cr.)
Required seminar for students in the Honors Research Minor program. Honors seminars will be forums for discussion of each student’s research along with larger issues such as research strategies, publication, and ethics. A maximum of 4 credit hours are allowed.

Further Information on the Foreign Language Requirement
First-Level Requirement
The foreign language requirement at the first-year level is successful completion of 8 credit hours in a foreign language or a satisfactory score on the university foreign language placement test. Students may receive credit in the language by earning a satisfactory score on the foreign language placement test. All credit for courses taken in a foreign language will apply toward the degree, and the grades obtained will count in the grade point average. The Pass/Fail option may not be used for foreign language courses except when such courses are taken as free electives.

Second-Level Options
A student may fulfill the remaining 6 credit hours of the foreign language requirement for the B.A. degree by satisfactorily completing 6 credit hours of course work or the equivalent at the 200-level in a foreign language.

Language Examination Placement Tests
Students who have had previous exposure to a foreign language are required to take a university foreign language placement test before they will be allowed to register for any section of a foreign language course. Placement tests are administered by the Student Development Center, Knobview Hall 235.

Proficiency Examinations
A student may complete the language requirement by taking a proficiency examination administered by the language department concerned. Such examinations will be given after the student has asked for and has received the consent of the language department.

International Students
An international student may substitute proficiency in his or her native language if that language is offered for instruction at Indiana University. The student may not, however, earn credit for any courses at the first- and second-year level in his or her native language.
Graduation Requirements for the Associate of Arts Degree

Many students may be interested in completing a two-year liberal arts education program. Such a program may be applied toward a bachelor’s degree in one of the academic areas, or it may serve as a self-contained program on its own. These students are encouraged to apply to study for the Associate of Arts degree.

Students may obtain the degree through any one of four schools on campus—Arts and Letters, Business, Natural Sciences, or Social Sciences. Since the degree provides for a concentration in a specific subject area, students should contact the school responsible for that discipline for advising and program planning.

Requirements:

1. Completion of a minimum of 60 credit hours.
   - A minimum grade of D– counts as passing for this requirement if the course was taken at an IU campus.
   - Courses accepted for transfer credit from another accredited institution must have minimum grade of C (not C–) to satisfy this requirement.
   - Student development courses such as M006, M007, W030, W100, and X150 do not count toward the 60 credit hours required for the degree.
   - If a student passes the same course more than once, it can count only once toward graduation, unless the bulletin specifically states that the course may be repeated for credit.

2. Residence requirement. Every degree candidate must complete not fewer than 15 credit hours of course work in residence at Indiana University Southeast, and not fewer than 6 credit hours of course work in the selected field of concentration at Indiana University Southeast.

3. Grade point average. The degree candidate must have a cumulative grade point average of 2.0 (C).

4. English Composition. Students must complete W131 with a grade of C (not C–) or higher.

5. Foreign Language. The degree candidate must complete 8 credit hours in a single foreign language with a grade of D– or higher, or must earn an achievement or placement test score sufficient for placement in foreign language classes at the 200 level or above. (See “Further Information on the Foreign Language Requirement.”)

6. Distribution Requirements. To fulfill the Associate of Arts distribution requirements, students must select a specified number of courses from the following four areas. Students must obtain a minimum grade of D– in all courses and may not apply a given course to a distribution requirement in more than one area. Please consult the discussion of Distribution Requirements found under the requirements for the Bachelor of Arts degree for further information.

   The Natural World Requirement: two courses; one physical science course and one life science course for a minimum of 6 credit hours; one lab course is recommended.

   Mathematical and Formal Reasoning Requirement: one course in mathematics for a minimum of 3 credit hours.

   The Individual, Society, and Politics Requirement: one course each from the two categories (a) Psychology and Society and (b) Politics and Economics, for a minimum of 6 credit hours.

   Studies in Traditional Sources: Literature, Ideas, History, and the Arts Requirements: one course from the category of Historical Investigations and two courses from the other three categories of Literature, Ideas, and the Arts, with no more than one in each category, for a minimum of 9 credit hours.

7. Concentration. Students must complete a concentration of 15 credit hours in a single arts and sciences discipline. Students should consult the appropriate school for the specific course requirements for the chosen discipline. English composition and 100-level language courses may not be used to meet this concentration.

8. Electives. These courses bring the total to 60 credit hours.
Master in Liberal Studies

Sandra S. French, Program Director
Crestview Hall 129
Phone: (812) 941-2393

Master in Liberal Studies Office
Crestview Hall 018B
Phone: (812) 941-2604

Web site: www.ius.edu/MLS

Degree Offered
The Master of Liberal Studies is an interdisciplinary graduate program that offers study beyond the bachelor’s level for persons who are interested in continuing their education in a diversified, challenging manner. The program is not meant to prepare students for doctoral study.

Admission Requirements
For regular admission, students must have completed an undergraduate degree from an accredited institution with a minimum grade point average of 3.0 (B). Applicants are accepted anytime, but to assure enrollment, students should apply by July 31 for the fall semester and by November 30 for the spring. Applications may be obtained through the Master in Liberal Studies office at Crestview Hall 018B or by calling (812) 941-2604 or (812) 941-2393.

Course Requirements
Students are required to complete 30 credit hours of courses that have been approved for graduate credit. These courses must represent all three of the arts and sciences schools and must include 9 credits of graduate seminars (D501, D502, D503) and a graduate project (D500).

Concentrations
Gender Studies Eighteen of the 30 credit hours required for the Master of Liberal Studies degree must have a gender focus. Of these 18 credit hours, six are for the graduate project, which must have a gender theme.

International Studies The International Studies track requires students to choose a geographic concentration, for example Europe, Latin America, or East Asia.

Grades
Only courses in which the student earns a minimum grade of B will count toward the degree.

Courses
D500 Graduate Project (3-6 cr.) Independent project to be undertaken in consultation with the student’s graduate advisor. This project requires students to demonstrate mastery of some specific topic or medium of expression.

D501 Humanities Seminar (1-3 cr.) An interdisciplinary graduate seminar in the humanities. Topics vary from semester to semester.

D502 Social Science Seminar (1-3 cr.) An interdisciplinary graduate seminar in the social sciences. Topics vary from semester to semester.

D503 Science Seminar (1-3 cr.) An interdisciplinary graduate seminar in the sciences. Topics vary from semester to semester.
School of Arts and Letters
Knobview Hall KV110M
Phone: (812) 941-2342
Fax: (812) 941-2529
Web site: www.ius.edu/ArtsandLetters

Professors  Barry, Dunn, Goldstein, Garnier, Guenther, B. Jones, Kauffman (Dean), Moffett, Peters, Rumsey
Associate Professors  Allen, Bochan, Brengle, Clem, G. King, Krishna, Mann, Sweigart, Wyandotte, Zorn
Assistant Professors  Ambrose, Anderson, Badia, Earley, St. Pierre, Sander, Weger, Whitesell
Lecturers  Harvey, Hess, O’Neal, Reynolds, D. Reid

Writing Help Center Coordinator  W. Jackson

Adjunct Assistant Professor  Cato


Disciplines taught in the School of Arts and Letters at Indiana University Southeast include communication (speech and theater), English (literature, creative writing, and expository writing), fine arts, foreign languages (French, German, Japanese, and Spanish), humanities, music, philosophy, and religious studies.

These academic areas concern the artistic and intellectual aspects of human culture and are often presented with an interdisciplinary bent. Humanities disciplines share with other academic studies in the Arts and Sciences the goal of helping students acquire the skills of critical thinking, creativity, and communication. These are abilities that foster lifetime growth and learning and prepare students for the flexibility required in the work force.

Many music, drama, and children’s productions are presented in the Paul W. Ogle Cultural and Community Center.
Bachelor of Arts in Communication Studies
See “Graduation Requirements for the Bachelor of Arts.”

Within the communication studies major, students may elect one of four separate tracks:
(1) communication, (2) advertising, (3) theatre, or (4) theatre-business.

Requirements for the Communication Track
Web site: www.ius.edu/Communication

All courses that fulfill the requirements for the communication track must be completed with a grade of C or better. None of these courses, with the exception of ENG W131, ENG W290, and MATH M118 or higher, may be used to satisfy the arts and sciences distribution requirements.

1. Prerequisites for admission to the communication track:
In order to be admitted to the communication track, a student must meet the following requirements:

a. The student must have completed 42 credit hours, including the prerequisite courses, with a minimum grade point average of 2.3.

b. Required prerequisite courses:
   ENG W131 Elementary Composition I
   ENG W290 Writing in the Arts and Sciences
   MATH M118 Finite Mathematics, or a higher-level math course
   SPCH S121 Public Speaking
   SPCH S122 Interpersonal Communication

2. First-level required courses:
After completing the admission requirements for the communication track, each student must complete the following courses, which are a prerequisite for all second-level core courses in the track:

SPCH S205 Introduction to Speech Communication
Second 3 credit hour course to be determined

3. Second-level required courses:
The following courses comprise the second-level core course requirements for the communication track. Prerequisite and first-level courses must be completed prior to enrolling in these courses.

SPCH S322 Advanced Interpersonal Communication (Fall Sem.)

SPCH S324 Persuasion (Fall Sem.)
SPCH S405 Human Communication Theory (Spring Sem.)
SPCH S407 Historical Development of Rhetorical Theory (Spring Sem.)
SPCH S424 Empirical Research Methods in Speech Communication (Spring Sem.)
SPCH S440 Organizational Communication (Fall Sem.)

4. Elective courses in the communication track:
A minimum of 12 credit hours of electives above the 100 level are to be completed as follows:

a. 6 credit hours selected from communication, telecommunication, or other courses approved by the Department of Communication Studies.

b. 6 credit hours selected from communication, telecommunication, theatre, journalism, advertising, or other courses approved by the Department of Communication Studies.

Requirements for the Advertising Track
All courses that fulfill the requirements for the advertising track must be completed with a grade of C or better. None of these courses, with the exception of ENG W131, ENG W290, and MATH M118 or higher, may be used to satisfy the arts and sciences distribution requirements.

1. Prerequisites for admission to the advertising track:
In order to be admitted to the advertising track, a student must meet the following requirements:

a. The student must have completed 42 credit hours, to include the prerequisite courses, with a minimum grade point average of 2.3.

b. Required prerequisite courses:
   ENG W131 Elementary Composition I
   JOUR J200 Reporting, Writing, and Editing I
   MATH M118 Finite Mathematics, or a higher-level math course
   SPCH S121 Public Speaking
   SPCH S122 Interpersonal Communication

2. First-level core requirements:
After completing the admission requirements for the advertising track, each student must complete the following courses, which are a prerequisite for all second-level core courses in the track.

BUS M300 Introduction to Marketing
JOUR J210 Visual Communication
3. Second-level core requirements:
The following courses comprise the second-level core requirements for the advertising track. Prerequisite and first-level courses must be completed prior to enrolling in these courses.

- BUS M415 Advertising and Promotion Management
- JOUR J280 Seminar in Journalism Ethics
- JOUR J300 Communications Law
- SPCH S324 Persuasion
- SPCH S333 Public Relations
- SPCH S405 Human Communication Theory
- SPCH S424 Empirical Research Methods in Speech Communication
- TEL R440 Advertising Strategies
- TEL T340 Electronic Media Advertising
- TEL T441 Advanced Advertising Strategies

Requirements for the Theatre Track
All required courses in the theatre track must be completed with a minimum grade of C-. Students may not use correspondence courses in theatre for academic credit. Students may take one theatre course through Metroversity per year, totaling no more than 4 Metroversity credit hours.

Admission to the theatre major is by audition only. This requirement is intended to ensure that interested students have sufficient theatre background to succeed in the discipline. It also allows faculty to evaluate a student's experience prior to placement in the production program.

1. THTR T115 Oral Interpretation I (or SPCH C205 Introduction to Oral Interpretation)
   THTR T120 Acting I Acting I
   THTR T220 Acting II Acting II or THTR T320 Acting III
   THTR T225 Stagecraft I Stagecraft I

2. THTR T270 or T271 Introduction to History of the Theatre I-II in addition to the theatre history course, which satisfies the communication core
   SPCH S325 Voice and Diction

3. A minimum of 15 credit hours above the 100 level to be completed as follows:
   a. A minimum of 6 credit hours from courses in dramatic literature offered by the English department.

b. 9 credit hours must be selected from courses in theatre.

4. Capstone Experience: Each junior-level theatre track major within the Communication Studies Department must schedule a capstone experience through his or her advisor.

5. Portfolio: Each senior-level theatre track major within the Communication Studies Department is required to schedule a portfolio review through his or her advisor to assess strengths and weaknesses in area concentration.

Requirements for the Theatre-Business Track

**Theatre Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>THTR T115</td>
<td>Oral Interpretation</td>
</tr>
<tr>
<td>THTR T120</td>
<td>Acting I</td>
</tr>
<tr>
<td>THTR T225</td>
<td>Stagecraft I</td>
</tr>
<tr>
<td>THTR T270</td>
<td>Theater History I</td>
</tr>
<tr>
<td>THTR T271</td>
<td>Theater History II</td>
</tr>
<tr>
<td>THTR T321</td>
<td>Directing I</td>
</tr>
</tbody>
</table>

6 credit hours in dramatic literature. Choose from:

- CMLT L203, L308, L313, L314, L363, L365, L366, T367
- THTR T275, T483

2 credit hours Senior Capstone Experience

2 credit hours Practicum Experience

**Business Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS A201</td>
<td>Introduction to Accounting</td>
</tr>
<tr>
<td>BUS L201</td>
<td>Legal Environment of Business</td>
</tr>
<tr>
<td>BUS M300 or M301</td>
<td>Introduction to Marketing Management</td>
</tr>
<tr>
<td>BUS M415</td>
<td>Advertising and Promotion Management</td>
</tr>
<tr>
<td>BUS W211</td>
<td>Contemporary Entrepreneurship</td>
</tr>
<tr>
<td>MUS U411</td>
<td>Concert Management</td>
</tr>
</tbody>
</table>

3 credit hours Professional Internship

3 credit hours elective from recommended list below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS A202</td>
<td>Introduction to Managerial Accounting</td>
</tr>
<tr>
<td>BUS F260</td>
<td>Personal Finance</td>
</tr>
<tr>
<td>FINA P220</td>
<td>Computer Art and Design</td>
</tr>
<tr>
<td>SPCH S223</td>
<td>Business and Professional Speaking</td>
</tr>
<tr>
<td>SPCH S324</td>
<td>Persuasion</td>
</tr>
<tr>
<td>MUS U412</td>
<td>Music Theater Management</td>
</tr>
<tr>
<td>COAS W100</td>
<td>Introduction to Business</td>
</tr>
</tbody>
</table>

Advertising courses in Communication
Students concentrating in theater business are required to take specific general education courses. The following are required for this degree: MATH M119 Brief Survey of Calculus I or MATH M122 College Algebra; CSCI C106 Introduction to Computers and Their Use; ENG W231 Professional Writing Skills; and SPCH S121 Public Speaking.

The student should also be aware that this degree has B.A. distribution requirements that require PSY P101 Introductory Psychology I, SOC S163 Social Problems, and ECON E108 Introduction to Microeconomics to be taken to fulfill the Individual, Society, and Politics requirement.

Communication Studies Minors
Students majoring in other disciplines may choose to minor in either of the two communication areas.

Communication Minor
All courses in the minor must be completed with a grade of C or better.
1. ENG W290 Writing in the Arts and Sciences
2. SPCH S121 Public Speaking
3. SPCH S122 Interpersonal Communication
4. SPCH S205 Introduction to Speech Communication
5. SPCH S322 Advanced Interpersonal Communication
6. SPCH S324 Persuasion
7. SPCH S405 Human Communication Theory

Theatre Minor
1. THTR T120 Acting I
2. THTR T225 Stagecraft
3. THTR T270 Introduction to History of the Theatre I or THTR T271 Introduction to History of the Theatre II
4. 6 credit hours to be selected from theatre courses above the 100 level

Associate of Arts Degrees in Communication Studies
A student may complete an Associate of Arts degree in two of the four tracks in Communication Studies: communication and theatre.

Associate of Arts in Communication
Students must complete the following courses with a minimum grade of C.
1. SPCH S121 Public Speaking
2. SPCH S122 Interpersonal Communication
3. SPCH S205 Introduction to Speech Communication
4. SPCH S322 Advanced Interpersonal Communication
5. SPCH S324 Persuasion

Associate of Arts in Theatre
Students must complete the following courses with a minimum grade of C-.
1. THTR T270 or T271: Introduction to History of the Theatre I-II
2. THTR T120 Acting I
3. THTR T225 Stagecraft
4. Two courses from one of the following groups:
   Group 1:
   THTR T326 Scene Design
   THTR T335 Stage Lighting
   THTR T424 Stagecraft I
   Group 2:
   THTR T220 Acting II
   THTR T340 Directing
   THTR T410 Movement for the Theatre

Bachelor of Arts in English
See “Graduation Requirements for the Bachelor of Arts.”

During the past few decades, the English profession has changed dramatically in the way it thinks about literature and writing. The study of English now addresses such questions as the relationship between literature and writing, the place of both disciplines in society, the impact of culture on given texts, and the need for interdisciplinary instruction. In response to these developments, the Indiana University Southeast English Department now offers a comprehensive but flexible undergraduate major both in literature and writing, with classes that are small so that students can interact with each other and their professors. In addition, the English Department sponsors a literary magazine, faculty readings, and annual writing contests in creative and expository writing. English majors can also take part in IUS theater productions and many other extracurricular activities. IUS offers English majors a number of outstanding facilities, including a state-of-the-art computer service, a library that houses some 585,000 volumes and microforms and that subscribes to over 1,200 periodicals, and a writing center with a full-time professional staff that offers comprehensive tutoring.
Moreover, in recent years the study of English at IUS has become much more than a “pre-professional” major designed to provide an excellent foundation for graduate study. The English faculty at IUS strongly believe that the skills of critical thinking and writing are transferable to a wide variety of entry-level careers. The English major therefore encourages inquisitiveness and imagination, which are in demand in the working world. A recent survey asked IUS English alumni how being an English major has helped them in their careers. One respondent who works in publishing wrote that as an English major he learned to “analyze thoroughly, rationally, and effectively.” Another major, now working in finance, said, “IUS prepared me for a great career in business administration.” The skills taught in the English curriculum at IUS enable our graduates to respond more flexibly to changes in the job environment, to rise higher in their fields, and to experience greater job satisfaction than people with strict professional degrees. And because of the flexibility and diverse strengths of the English Department faculty and the program itself, our students have been able to combine courses in economics, management, human relations, and organizational theory within their English majors, making them even more attractive to businesses and organizations. In recent years, we have seen our majors enter the fields of teaching, publishing, business and industry, advertising, government, communications, public relations, and law. For additional information, please see our Web site at www.ius.edu/English.

Requirements for all majors, who must complete the following 36 credits in English

1. L140 Introduction to English Studies (3 cr.)
2. L202 Literary Interpretation (3 cr.)
3. Two British literature survey courses from L297, L298, L299 (or an approved substitute) (6 cr.)
4. Two American literature survey courses from L351, L352, L354 (or an approved substitute) (6 cr.)
5. The 400-level capstone course (concentration specific to writing or to literature) (3 cr.)
6. Concentration-specific electives (see details below) (15 cr.)

Prerequisite W290, Writing in the Arts and Sciences, should be completed within the first 60 credit hours of college credit.

Substitutions English majors may substitute any 300- or 400-level literature elective with appropriate historical breadth for L297, L298, L299, L351, L352, or L354; such substitutions cannot also be used as elective credit. See the “Schedule of Classes” for electives that may be substituted for these surveys or speak with your departmental advisor.

Literature Concentration Majors

Requirements 12 of the 15 credit hours of electives in literature must be taken at the 300 level or above

3 credit hours (minimum) must be chosen from one of the following categories:

- International English Literature
- Multicultural Literature
- Literature in Translation

See “Schedule of Classes” for approved options or speak to your departmental advisor.

Recommendations The department encourages electives in a variety of periods in American and British literature, and especially in Shakespeare and other major figures. It also recommends a course in British or American history prior to taking the capstone course.

Writing Concentration Majors

Requirements

1. W203 Creative Writing (3 cr.)
2. G205 Introduction to English Language (3 cr.) or G301 History of the English Language (3 cr.)
3. W350 Advanced Expository Writing (3 cr.) or W420 Argumentative Writing (3 cr.)
4. W490 Writing Seminar (3 cr.) (capstone credit hours are included in part 1 above)

Recommendations The department urges Writing Concentration Majors to complete above requirements 1, 2, 3, and 5 before taking W490.

Recommendations for all English Majors

The department urges all majors to consider taking ENG G301 History of the English Language and PHIL P150 Elementary Logic, as well as other electives outside their concentration.

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1Students should take L140 as soon as possible after declaring the major.
2L351, L352, and L354 cannot be used as 300-level electives
Requirements for a Minor in English
18 credit hours at the 200 level or above, including:
1. L202 Literary Interpretation (3 cr.)
2. 9 credit hours in literature survey courses chosen from the following: L297, L298, L299, L351, L352, L354
3. One of the following (3 cr.):
   a. L313 Early Plays of Shakespeare
   b. L314 Late Plays of Shakespeare

Requirements for a Minor in Writing
18 credit hours at the 200 level or above, including:
1. W203 Creative Writing (3 cr.)
2. G205 Introduction to the English Language (3 cr.)
3. One of the following (3 cr.):
   a. W231 Professional Writing Skills
   b. W234 Technical Writing
   c. W290 Writing in the Arts and Sciences
   d. W315 Composing Computer-Delivered Text
4. W350 Advanced Expository Writing (3 cr.)
5. One of the following (3 cr.):
   a. W270 Argumentative Writing
   b. W420 Argumentative Writing
6. Electives: 3 additional credit hours in a course chosen from the following:

Associate of Arts in English
In addition to the courses listed under “Graduation Requirements for the Associate of Arts Degrees,” students desiring an Associate of Arts in English must complete the following beyond English W131:
1. W290 Writing in the Arts and Sciences (3 cr.)
2. L202 Literary Interpretation (3 cr.)
3. One of the following survey courses in British literature (3 cr.): L297, L298, L299
4. One of the following survey courses in American literature (3 cr.): L351, L352, L354
5. One of the following (3 cr.):
   a. L313 Early Plays of Shakespeare
   b. L314 Late Plays of Shakespeare
6. One additional English course at the 200-300 level, excluding W231 and G207 (3 cr.)

Bachelor of Arts in Fine Arts
See “Graduation Requirements for the Bachelor of Arts.”

Artists create much of the world in which we live. They not only decorate and beautify, they inform, enlighten, and entertain. They challenge us to see things in new and unique ways, and to think and feel in ways we have not imagined. Artists help us define our views of the world, our values, and our social beliefs.

To be successful as an artist is a formidable undertaking. It requires discipline, hard work, perseverance, and dedication. It is also richly rewarding. The goal of the IUS Department of Fine Arts is to maximize your potential and help you realize your dreams, to challenge you to be the best you can be. Becoming a fine arts major at Indiana University Southeast will join you to a community dedicated to preparing you to meet the challenges and reap the rewards that accompany success as an artist. It is our objective to give the best and most thorough art education we can provide, and to encourage each student to be the artist he or she aspires to be.

Requirements: Students working toward the B.A. in Fine Arts select one or more concentrated areas of study within the degree. Fine arts majors must earn a minimum grade of C in all required fine arts courses including art history. Students must formally declare their concentration choice(s) after having completed the foundations courses and at least two of the 200–level fine arts studio courses. A formal review will be arranged with the fine arts faculty committee in order to obtain approval for any concentration. Portfolio reviews at the end of 200– and 300–level courses will determine a student’s progress and agreement by a fine arts faculty committee that a student can continue to seek a degree in fine arts and in their chosen concentration.

The art history requirements for the B.A. in Fine Arts regardless of concentration are as follows:
   A101 Ancient and Medieval Art
   A102 Renaissance through Modern Art
   A449 Twentieth-Century Art, 1925-Present
   an additional course above the 200 level which focuses on an art tradition other than those of Europe, Euro-America, or Euro-Australia

Students are encouraged to take more than the minimum art history required. These courses may be taken at any time during the student’s career at IU Southeast. However, it is recommended that the art history sequence be entered into as soon as feasible.
All fine arts majors are required to take A201 Art Theory-Freshman Seminar their first year. Since this course is offered in the spring semester, it is not a prerequisite for beginning the studio foundations sequence. The four foundation-level courses are as follows:

- F100 Fundamental Studio–Drawing
- F101 Fundamental Studio–Three Dimensional Design
- F102 Fundamental Studio–Two Dimensional and Color Design
- P273 Computer Art and Design or P280 Desktop Publishing

After fulfilling the foundations requirements, the student must then take a minimum of four 200–level studio courses which must include S200 (Drawing). (P273 or P280 as a foundations course does not count as part of the 200 level requirements). The choice of 200–level courses is determined by the student’s eventual concentration. Consequently, if a student switches or expands the choice of concentration, it is possible that one or more additional studio courses at the 200 level will be required. When the 200–level requirements are fulfilled, a student may begin the advanced courses in the chosen area(s) of concentration. A401 Art Theory–Senior and P450 Senior Project must be taken senior year.

The following are the minimum departmental requirements for each concentration, although it is expected that students will take more than the minimum:

**Ceramics Concentration**

**Introductory Theory**

A201 Art Theory–Freshman (1 cr.)

required of all new fine arts majors

**Foundations**

- F100 Fundamental Studio–Drawing (3 cr.)
- F101 Fundamental Studio–Three Dimensional Design (3 cr.)
- F102 Fundamental Studio–Two Dimensional and Color Design (3 cr.)
- P273 Computer Art and Design (3 cr.) or
- P280 Desktop Publishing (3 cr.)

the above are prerequisites for all studio courses at the 200 level or above

**200-Level Courses**

- S200 Drawing I (3 cr.)
- S230 Painting I (3 cr.)
- S240 Printmaking I (3 cr.)

the above must be taken before progressing to any 300 level studio course

**Advanced Ceramics**

- S361 Ceramics II (3 cr.)
- S361R Ceramics III (3 cr.)
- S461 Ceramics IV (3 cr.)
- S461 Ceramics IV (repeat) (3 cr.)

**Senior Courses**

- A401 Art Theory–Senior (2 cr.)
- P450 Senior Project (1 cr.)

**Art History Requirements**

- A101 Ancient and Medieval Art (3 cr.)
- A102 Renaissance through Modern Art (3 cr.)
- A449 Twentieth–Century Art, 1925–Present (3 cr.)

an additional course above the 200 level which focuses on an art tradition other than those of Europe, Euro-America, or Euro-Australia (3 cr.)

**Total credit hours: 52**

**Drawing Concentration**

**Introductory Theory**

A201 Art Theory–Freshman (1 cr.)

required of all new fine arts majors

**Foundations**

- F100 Fundamental Studio–Drawing (3 cr.)
- F101 Fundamental Studio–Three Dimensional Design (3 cr.)
- F102 Fundamental Studio–Two Dimensional and Color Design (3 cr.)
- P273 Computer Art and Design (3 cr.) or
- P280 Desktop Publishing (3 cr.)

the above are prerequisites for all studio courses at the 200 level or above

**200-Level Courses**

- S200 Drawing I (3 cr.)
- S230 Painting I (3 cr.)
- S240 Printmaking I (3 cr.)
- S260 Ceramics I (3 cr.)

the above must be taken before progressing to any 300 level studio course

**Advanced Drawing**

- S301 Drawing II (3 cr.)
- S301 Drawing II (repeat) (3 cr.)
S401 Drawing III (3 cr.)
S401 Drawing III (repeat) (3 cr.)

Senior Courses
A401 Art Theory–Senior (2 cr.)
P450 Senior Project (1 cr.)

Art History Requirements
A101 Ancient and Medieval Art (3 cr.)
A102 Renaissance through Modern Art (3 cr.)
A449 Twentieth-Century Art, 1925–Present (3 cr.)
an additional course above the 200 level which focuses on an art tradition other than those of Europe, Euro-America, or Euro-Australia (3 cr.)

Total credit hours: 52

Graphic Design Concentration

Introductory Theory
A201 Art Theory–Freshman (1 cr.)
required of all new fine arts majors

Foundations
F100 Fundamental Studio–Drawing (3 cr.)
F101 Fundamental Studio–Three Dimensional Design (3 cr.)
F102 Fundamental Studio–Two Dimensional and Color Design (3 cr.)
P273 Computer Art and Design (3 cr.) or
P280 Desktop Publishing (3 cr.)
the above are prerequisites for all studio courses at the 200 level or above

200-Level Courses
S200 Drawing I (3 cr.)
S250 Graphic Design I (3 cr.)
S291 Fundamentals of Photography (3 cr.)
as well as two classes from the following list:
S230 Painting I (3 cr.)
S240 Printmaking I (3 cr.)
S260 Ceramics I (3 cr.)
the 200-level courses must be taken before progressing to any 300-level studio

Advanced Graphic Design
S351 Graphic Design II (3 cr.)
S352 Graphic Design III (3 cr.)
S451 Graphic Design IV (3 cr.)
S451 Graphic Design IV (repeat) (3 cr.) or
P380 Web Design (3 cr.)

Senior Courses
A401 Art Theory–Senior (2 cr.)
P450 Senior Project (1 cr.)

Art History Requirements
A101 Ancient and Medieval Art (3 cr.)

Total credit hours: 52

Painting Concentration

Introductory Theory
A201 Art Theory–Freshman (1 cr.)
required of all new fine arts majors

Foundations
F100 Fundamental Studio–Drawing (3 cr.)
F101 Fundamental Studio–Three Dimensional Design (3 cr.)
F102 Fundamental Studio–Two Dimensional and Color Design (3 cr.)
P273 Computer Art and Design (3 cr.) or
P280 Desktop Publishing (3 cr.)
the above are prerequisites for all studio courses at the 200 level or above

200-Level Courses
S200 Drawing I (3 cr.)
S230 Painting I (3 cr.)
S240 Printmaking I (3 cr.)
S260 Ceramics I (3 cr.)
the above must be taken before progressing to any 300-level studio

Advanced Painting
S331 Painting II (3 cr.)
S331 Painting II (repeat) (3 cr.)
S431 Painting III (3 cr.)
S431 Painting III (repeat) (3 cr.)

Senior Courses
A401 Art Theory–Senior (2 cr.)
P450 Senior Project (1 cr.)

Art History Requirements
A101 Ancient and Medieval Art (3 cr.)
A102 Renaissance through Modern Art (3 cr.)
A449 Twentieth-Century Art, 1925–Present (3 cr.)
an additional course above the 200 level which focuses on an art tradition other than those of Europe, Euro-America, or Euro-Australia (3 cr.)

Total credit hours: 52

Printmaking Concentration

Introductory Theory
A201 Art Theory–Freshman (1 cr.) required of all new fine arts majors

Foundations
F100 Fundamental Studio–Drawing (3 cr.)
F101 Fundamental Studio–Three Dimensional Design (3 cr.)
F102 Fundamental Studio–Two Dimensional and Color Design (3 cr.)
P273 Computer Art and Design (3 cr.) or P280 Desktop Publishing (3 cr.)
the above are prerequisites for all studio courses at the 200 level or above

200-Level Courses
S200 Drawing I (3 cr.)
S230 Painting I (3 cr.)
S240 Printmaking I (3 cr.)
S260 Ceramics I (3 cr.)
the above must be taken before progressing to any 300-level studio course

Advanced Printmaking
choose at least two courses at the 300 level from the following:
S341 Printmaking II: Intaglio (3 cr.)
S343 Printmaking II: Lithography (3 cr.)
S348 Screen Printing (3 cr.)
plus at least two 400-level courses from the following:
S441 Printmaking III: Intaglio (3 cr.)
S443 Printmaking III: Lithography (3 cr.)
S448 Advanced Screen Printing (3 cr.)

Senior Courses
A401 Art Theory–Senior (2 cr.)
P450 Senior Project (1 cr.)

Art History Requirements
A101 Ancient and Medieval Art (3 cr.)
A102 Renaissance through Modern Art (3 cr.)

A449 Twentieth-Century Art, 1925–Present (3 cr.)
an additional course above the 200 level which focuses on an art tradition other than those of Europe, Euro-America, or Euro-Australia (3 cr.)

Total credit hours: 52

Semester/annual planning of student programs of study in fine arts must be done under the guidance of the student's assigned departmental advisor.

300/400-Level Reviews Upon completion of 200-level studio courses, each fine arts major is required to schedule a portfolio review through the fine arts coordinator to determine and assess potential for success as a fine arts major.
Each fine arts senior is required to schedule a 400-level portfolio review through the fine arts coordinator, to assess strengths and weaknesses in area concentration(s).

Minor in Fine Arts
Students majoring in other areas may choose to minor in fine arts. The fine arts minor requires that students take A101 Ancient and Medieval Art, A102 Renaissance through Modern Art, three fundamental studios (F100, F101, and F102), and four of the six fine arts studio disciplines (painting, drawing, printmaking, ceramics, graphic design, photography).
Fine arts minors must meet with their assigned departmental advisor for program planning.

Minor in Art History
Open to all students who have an interest in the history of art regardless of major.
At least 18 credit hours are required, including A101, A102, and A458, plus a minimum of three other courses above the 200 level. At least one of these additional courses must cover a European or Euro-American topic, and at least one must concentrate on the arts of an indigenous people. Art history minors must meet with their assigned departmental advisor for program planning.

Modern Languages: French, German, and Spanish
Students in every field benefit from their proficiency in a modern language, since it develops critical thinking skills and understanding of their own first language. Another language broadens appreciation for one’s culture and that of others. It prepares one for active citizenship in an increasingly multicultural and multilingual world.
In a highly competitive world, in an ever more intricate global economy, proficiency in one or two languages represents an invaluable asset. It opens wide
opportunities for careers in business, law, government, communication, medicine, and many other fields. We recommend a major in a modern language, or a double major, including a modern language, to all students pursuing a bachelor’s degree on this campus. In addition, all language majors at IUS are encouraged to minor in one of the other modern languages offered.

Requirements: Students must complete a minimum of 30 credit hours above the 100 level, some of which may be taken overseas (see the “Overseas Study” section of this bulletin) or at the University of Louisville.

Bachelor of Arts in French
See “Graduation Requirements for the Bachelor of Arts Degree.”

Requirements
a. F200, F250
b. 300 level
   18 credit hours from the following:
   F300, F305, F306, F313, F314, F315, F316, F363, F375

c. 400 level
   6 credit hours from the following:
   F453, F454, F461, F475
   Any appropriate University of Louisville 500-level courses.

Minor in French
Requirements 15 credit hours, including:
F200 Second-Year French I (3 cr.)
F250 Second-Year French II (3 cr.)
9 credit hours in French beyond F250

Bachelor of Arts in Germanic Studies
See “Graduation Requirements for the Bachelor of Arts Degree.”

Requirements Students must complete the following:
1. One 300-level course each in language (G311 or G330), literature (G305 or G306), and culture studies (G363 or G464)
2. Four 400-level courses in language, literature, or culture

Minor in Germanic Studies
Requirements Students must complete three courses on the 300 level.

Bachelor of Arts in Spanish
In addition to the following specific requirements for the Spanish major, please see “Graduation Requirements for the Bachelor of Arts Degree.”

Requirements
a. S200, S250 (6 cr.)
b. S275 and S300 level
   18 credit hours from the following: S275, S301, S302, S303, S311, S312, S317
c. 400 level (6 cr. hr. minimum)
   S411 or S412 (required)
   S407/S471 (University of Louisville S503/S505)
   or
   S408/S472 (University of Louisville S504/S506)
   or
   S419/S420 (or another University of Louisville 500-level literature course)

Minor in Spanish
Requirements 15 credit hours, including:
S200 Second-Year Spanish I (3 cr.)
S250 Second-Year Spanish II (3 cr.)
9 credit hours of Spanish beyond S250 (S275, S317, S312 or another S300- or S400-level course)

Native speakers who test out of S200 and S250 are not allowed to take S317.

Bachelor of Arts in Music
Department of Music
Ogle Center 051
Phone: (812) 941-2655
Fax: (812) 941-2660
Web site: [www.ius.edu/Music](http://www.ius.edu/Music)

See “Graduation Requirements for the Bachelor of Arts Degree.”

Music is a language of human expression that communicates the spirit and creative impulse of the society that gives rise to it. The music we create helps us to know ourselves and understand the peoples of other cultures. It is an academic study that develops creativity and discipline and has long been considered an intrinsic part of a liberal education.

Students who wish to make music their major focus of study have the opportunity to do so at Indiana University Southeast by enrolling in the B.A. in music degree program. Admission is by audition only, to ensure that students are properly placed in courses
and have the background and ability to succeed in the program. Information is available through the department office at (812) 941-2655. Students may enroll as a minor or take music courses as electives without an audition.

All students, regardless of major, have the opportunity to participate in a number of choral and instrumental ensembles with or without credit. All students are encouraged to take private lessons so that they may broaden their college education by developing their innate musical abilities.

Concentrations  Students working toward the B.A. in Music select a concentrated area of study within the degree. Music majors must earn a minimum grade of C– in all required music courses. All music students are required to participate in a major ensemble every fall and spring semester in which they are registered. The following are the departmental requirements for each concentration:

Vocal or Instrumental Performance

Requirements:
T113-T114 Music Theory I and II.................................6
T115-T116 Ear Training I and II .................................2
T417-T418 Music Theory III and IV .............................6
T215-T216 Ear Training III and IV .............................2
M201-M202 Literature of Music I and II .....................6
M403-M404 History of Music I and II ..........................6
A301 Electronic Studio Resources I ............................2
Applied Vocal/Instrumental Study ..............................12
Ensemble Participation .......................................4
Senior Recital ..................................................1

Applied Piano Study
(for vocal or instrumental majors) or
X002 Piano Accompanying (for piano Majors)..............2

Recommended electives:
G370 Techniques for Conducting (2 cr.)
X002 Piano Accompanying (2 cr.)
Vocal or Piano Pedagogy
Several semesters of applied piano study are strongly recommended for all performance majors.
Vocal majors are urged to take U230 Foreign Language for Singers.

Music Composition

Requirements:
T113-T114 Music Theory I and II.................................6
T115-T116 Ear Training I and II .................................2
T417-T418 Music Theory III and IV .............................6
T215-T216 Ear Training III and IV .............................2
M201-M202 Literature of Music I and II .....................6
M403-M404 History of Music I and II ..........................6
A301 Electronic Studio Resources I ............................2
K312 Arranging for Instrumental and Vocal Groups ....2
K402 Senior Recital ..............................................1
Applied Composition Study .....................................12
Ensemble Participation .........................................4

Recommended electives:
MUS A302 Electronic Music Resources II (2 cr.)
MUS G370 Techniques for Conducting (2 cr.)

Music Technology

Requirements:
T113-T114 Music Theory I and II.................................6
T115-T116 Ear Training I and II .................................2
T417-T418 Music Theory III and IV .............................6
T215-T216 Ear Training III and IV .............................2
M201-M202 Literature of Music I and II .....................6
M403-M404 History of Music I and II ..........................6
A101 Introduction to Audio Technology .................2
A111 Basic Electricity (taught concurrently as Purdue EET107) (includes lab)...........3
A112 Electronics I (taught concurrently as Purdue EET109) (includes lab)...........3
A301-A302 Studio Resources I and II ........................4
K403-K404 Electronic Studio I and II ......................4
Ensemble Participation .........................................4
K406 Final Project .............................................1

Recommended Electives:
FINA P273 Computer Art and Design (3)
MUS K312 Arranging for Instrumental and Vocal Groups (3)
Internship in Music Technology

1Music Technology majors should be aware that the A111 and A112 classes have a math co-requisite of M126 or higher.
Music Business

Requirements:
T113-T114 Music Theory I and II ....................................6
T115-T116 Ear Training I and II ....................................2
M201-M202 Literature of Music I and II ...........................6
M403-M404 History of Music I and II ..............................6
A301 Electronic Studio Resources I .................................2
Applied Vocal/Instrumental Study ...................................8
Ensemble Participation ....................................................4
BUS A201 Introduction to Financial Accounting ..........3
BUS L201 Legal Environment of Business ....................3
BUS W211 Contemporary Entrepreneurship ....................3
BUS M300 Introduction to Marketing Management ...3
MUS U411 Concert Management ...................................3
MUS U440 Field Experience: Practicum ........................2

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Students concentrating in music business should be aware that the concentration requires specific general education courses. The following are required for this degree: MATH M119 Brief Survey of Calculus I or MATH M122 College Algebra; CSCI C106 Introduction to Computers and Their Use; ENG W231 Professional Writing Skills; and SPCH S121 Public Speaking.

The student should also be aware that this degree has B.A. distribution requirements that require PSY P101 Introductory Psychology I, SOC S163 Social Problems, and ECON E108 Introduction to Microeconomics to be taken to fulfill the Individual, Society, and Politics requirement.

Other recommended courses by category:
History (2 courses)
   MUS M110 History of Rock and Popular Music (3 cr.)
Ideas (1 course)
   PHIL P140 Introduction to Ethics (3 cr.)
Arts (1 course)
   THTR T270 Introduction to History of the Theatre I (3 cr.)
   THTR T105 Appreciation of Theatre or FINA P273 Computer Art and Design (3 cr.)

Other recommended electives:
BUS A202 Introduction to Managerial Accounting (3 cr.)
BUS F260 Personal Finance (3 cr.)
BUS M415 Advertising and Promotion Management (3 cr.)
BUS W100 Business Administration: Introduction (3 cr.)
MUS U412 Music Theater Management (3 cr.)
Additional internship hours

Minor in Music
A minimum of 20 credit hours in music is required to earn a minor in music. The required courses for a minor are as follows:
T113-T114 Music Theory I and II ....................................6
T115-T116 Ear Training I and II ....................................2
M201-M202 Literature of Music I and II ...........................6
Applied Vocal/Instrumental Study ...................................4
Ensemble Participation ....................................................2

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Note that some students may need to enroll in Music Fundamentals (E241) to prepare for the work in Music Theory (T113). Please contact the department for advising.

Associate of Arts in Music
A minimum of 16 credit hours is needed for the A.A. in Music. The required courses for the A.A. in Music are as follows:
T113-T114 Music Theory I and II ....................................6
T115-T116 Ear Training I and II ....................................2
M201-M202 Literature of Music I and II ...........................6
Ensemble or Applied Study ............................................2

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Note that some students may need to enroll in Music Fundamentals (E241) to prepare for the work in Music Theory (T113). Please contact the department for advising.

Bachelor of Arts in Philosophy
See “Graduation Requirements for the Bachelor of Arts Degree.”

When Socrates exclaimed to his incredulous accusers, “I know you won’t believe me, but I truly believe the highest human excellence is to question oneself and others,” he captured the spirit of all philosophical effort. Although philosophy has undergone profound changes since his time, it still seeks to come to terms with the questions and issues provoked by every phase of life, and it produces arguments and accounts bearing on every subject worthy of disciplined reflection.

Majoring in philosophy offers a student the opportunity to gain skills in critical thinking, writing, and reading not afforded by many other disciplines. These are vital skills if one is to succeed in a rapidly
changing work world. For those students who intend to pursue an advanced professional degree (for example, in medicine or law), the philosophy major provides the analytic training and intellectual studies that make for a well-rounded, qualified, and attractive candidate. Further, the B.A. with a major in philosophy (or a double major including philosophy) is an excellent degree for those who intend to study for an advanced degree, even if the advanced degree will not be in philosophy. Finally, those whose main goal in pursuing an undergraduate degree is to gain a deeper understanding of the world in which we live would do well to consider a major in philosophy. For more information, see our Web site at macserver.ius.indiana.edu/humanities/philosophy/philosophy.html

**Requirements** The philosophy major has two tracks, the *Traditional Track* and the *Religious Studies Track*.

**Traditional Track**
The traditional track of the philosophy major requires a minimum of 36 credit hours in philosophy. Three courses at the 100-level may be included in the 36 credit hours.

The following requirements must be satisfied:

**Introductory Studies**
Students must take P100 Introduction to Philosophy and P140 Introduction to Ethics.

**Logic Requirement**
Students must take one course in logic (either P150 Elementary Logic or P250 Symbolic Logic).

**Upper-Level Course Requirements**
Philosophy majors must complete the IUS research writing requirement before taking a third upper-level course in philosophy.

**History of Philosophy Requirement**
At least two courses chosen from P302 Medieval Philosophy, P304 Nineteenth-Century Philosophy, P314 Modern Philosophy, and P410 Ancient Greek Philosophy.

**Twentieth-Century Philosophy Requirement**
At least one course chosen from P319 American Pragmatism, P335 Phenomenology and Existentialism, and P336 Analytic Philosophy.

**Social and Political Philosophy and Ethics Requirement**
One course in social and political philosophy or ethics at the 200 level or above.

**Metaphysics and Religion Requirement**
At least one course in metaphysics or philosophy of religion at the 200 level or above.

**Knowledge and Science Requirement**
At least one course in epistemology or philosophy of science at the 200 level or above.

**Philosophy Seminar Requirement**
At least one philosophy seminar (P333). (The philosophy seminar is offered every spring semester and may be repeated for credit.)

**Religious Studies Track**
The religious studies track of the philosophy major requires a minimum of 39 credit hours in philosophy and religious studies.

The following requirements must be satisfied:

I. **Lower-level philosophy requirements:**
P100 Introduction to Philosophy
P140 Introduction to Ethics
P150 Elementary Logic or P250 Symbolic Logic

II. **Lower-level religious studies requirements:**
R152 Religion of the West
R153 Religion of the East

III. **Upper-level philosophy requirements:**
P371 Philosophy of Religion
P333 Philosophy Seminar
Two courses in the History of Philosophy
selected from P302 Medieval Philosophy, P304 Nineteenth-Century Philosophy, P314 Modern Philosophy, and P410 Ancient Greek Philosophy

IV. **Upper-level Religious Studies Requirements:**
Two courses in World Religions

One course in Religious History
selected from R327 The Origins of Christianity, R331 Christian Thought: From the Reformation to the Present, R335 Religion in Early America, R336 Religion in Modern America, R345 Religious Issues in Contemporary Judaism

One course in Religion and Culture
selected from R362 Religion in Literature, R364 Feminist Critique of Western Religion, R371 Religion, Ethics, and the Environment
Minor in Philosophy
By completing 15 credit hours in philosophy, including 3 credit hours in logic and 9 credit hours at the 200 level or above, students can receive a minor in philosophy. Minoring in philosophy offers students working toward another major the opportunity to expand their studies and inform their work in other disciplines. It gives students a chance to address some of the ethical questions that will undoubtedly arise within the context of their chosen field, as well as to gain a stronger grasp of the philosophical and historical elements that contribute to the foundations of their discipline. In addition, minoring in philosophy helps the student to sharpen his or her analytic skills and to achieve a greater cultural awareness.

Minor in Religious Studies
Students can minor in religious studies by completing 15 credit hours of religious studies courses with 9 credit hours at the 200 level or above. P371 Philosophy of Religion (3 cr.) may be counted in the 15 credit hours.
Courses

Communication and Culture (CMCL)

C290 Survey of Film History (3 cr.) An overview of film history from its beginnings to the present, emphasizing major developments in narrative cinema. Credit given for only one of CMCL C290 or CMLT C290.

C393-C394 History of European and American Films I-II (3-3 cr.) P: C190 or consent of instructor. C393 is a survey of the development of cinema during the period 1895-1926 (the silent film era); C394 is a survey of European and American cinema since 1927. Particular attention is paid to representative work of leading filmmakers, emergence of film movements and development of national trends, growth of film industry, and impact of television. Topics vary. Each course may be taken for a total of 6 credit hours with different topics. A maximum of 6 credit hours may be earned for any combination of CMCL C393 and CMLT C393.

C396 Film Theory and Aesthetics (3 cr.) P: C190 or consent of instructor. Study of classical and contemporary schools of film theory. Credit given for only one of CMCL C396 and CMLT C391.

C397 Genre Study in Film (3 cr.) P: C190 or consent of instructor. Topic varies: the evaluation of typical genres; problems of generic description or definition; themes, conventions, and iconography peculiar to given genres, etc. May be repeated once with a different topic. A maximum of 6 credit hours may be earned for any combination of CMCL C397 and CMLT C392.

C492 Authorship in the Cinema (3 cr.) P: C190 or consent of instructor. Topic varies: in-depth analysis of individual filmmakers, viewed as “authors.” May be repeated once with a different topic. A maximum of 6 credit hours may be earned for any combination of CMCL C492 and CMLT C491.

C494 Film Criticism: Theory/Practice (3 cr.) P: C190 or consent of instructor. Study of the main schools and methods of film criticism, basic critical vocabulary, fundamental research tools. Exercises in writing film reviews and critiques using different approaches.

Comparative Literature (CMLT)

C216 Science Fiction, Fantasy, and the Western Tradition (3 cr.) Historical and comparative survey of science fiction and fantasy narrative from antiquity to the present. The origin of scientific narrative in ancient Greek literature, its relation to ancient myths, and its history and development. Emphasis on philosophical, cognitive, and scientific aspects of the genre.

C217 Detective, Mystery, and Horror Literature (3 cr.) Origins, evolution, conventions, criticism, and theory of the detective mystery story; history of the Gothic novel; later development of the tale of terror; major works of this type in fiction, drama, and film.

C255 Modern Literature and the Other Arts: An Introduction (3 cr.) Analyzes the materials of literature, painting, and music and the ways in which meaning is expressed through the organization of the materials. Investigates similarities and differences among the arts. Examples selected from the past 200 years. No previous knowledge of any art required.

C256 Literature and the Other Arts: 1870-1950 (3 cr.) P: C255 or consent of instructor. Interaction of the arts in the development of Western literature, painting, and music in movements such as impressionism, symbolism, constructivism, expressionism, dada, and surrealism.

C291 Studies in Non-Western Film (3 cr.) Study of adaptations of literary works, both Asian and Western, by Asian filmmakers. Discussion of traditions and conventions shared by original films with Asian literature and theatre. Concentration either on Japan, India, or China each time course is offered. May be repeated once with a different topic.

C355 Literature, the Arts, and their Interrelationship (3 cr.) P: C255 or consent of instructor. Discussion of theoretical foundations for study of the relationship of the arts; detailed analysis of specific works illustrating interaction of literature with other arts.

C357 The Arts Today: From 1950 to the Present (3 cr.) P: C255. R: C256. Shared trends in literature, the visual arts, music, dance, and theatre. The heritage of the grotesque and the absurd, dada and surrealism, and constructivism; the new realism. New materials, mixed media and multimedia, environmental and participatory art, happenings, minimal art, conceptual art, antiart.
C358 Literature and Music Opera (3 cr.) P: two courses in literature, theatre, or music history. Selected opera libretti from various periods. Comparison of libretti with their literary sources; emphasis on specific problems connected with the adaptation of a literary work to the operatic medium. Evaluation of representative libretti as independent literary works.

C490 Individual Studies in Film and Literature (1-3 cr.) P: consent of chairperson of film committee. May be repeated once with a different topic.

C492 Comedy in Film and Literature (3 cr.) Evolution, styles, and techniques of film comedy in America and Europe from the beginnings of cinema to the present. Theories of comedy and humor; relationship of film comedy to comedy in fiction, drama, pantomime, circus, and vaudeville. Work of leading film comedians.

C493 Film Adaptations of Literature (3 cr.) Analysis of the processes and problems involved in turning a literary work (novel, play, or poem) into a screenplay and then into a film. Close study of literary and film techniques and short exercises in adaptation.

East Asian Languages and Culture (EALC)

Japanese


English (ENG)

Courses in Writing

W030 Developmental English (3 cr.) Teaches students to read for information; to summarize accurately; to write well-formed paragraphs and larger compositions; to work in Standard English. This is a Student Development Course, and credit for this course does not apply toward a degree.

W100 Developmental Composition (3 cr.) P: W030 or placement. Emphasizes writing paragraphs and larger compositions; learning and practicing forms of academic writing; developing varied sentence structure; review of mechanics and usage. This is a Student Development Course, and credit for this course does not apply toward a degree.

W131 Elementary Composition I (3 cr.) P: W100 or placement. Engagement with the writing process, from brainstorming to drafting to peer editing to proofreading. Focuses on language use, strategies of organization, handling of primary and secondary evidence (a short research essay is required).

W203 Creative Writing (3 cr.) P: W131 with a grade of C or higher. Exploratory course in writing in which students write both poetry and fiction. Taught as a workshop. May be repeated once for credit.

W231 Professional Writing Skills (3 cr.) P: W131 with a grade of C or higher or equivalent. To develop writing skills requisite for most professional activities. Emphasis on methods of research, organization, and writing techniques useful in preparing business and professional memos, letters, reports, and proposals. This course does not count toward the humanities distribution requirement for B.A. candidates.

W234 Technical Report Writing (3 cr.) P: W131 with a grade of C or higher. Instruction in preparing engineering and other technical proposals and reports, with an introduction to the use of graphics.

W270 Argumentative Writing (3 cr.) Open only to students who have completed the English composition requirement. Offers instruction and practice in writing argumentative essays about complicated and controversial issues. The course focuses on strategies for identifying issues, assessing claims, locating evidence, deciding on a position, and writing papers with clear assertion and convincing arguments.

W290 Writing in the Arts and Sciences (3 cr.) P: W131 with a grade of C or higher. An introduction to academic writing as a means of discovery and record. Study of and practice in the procedures, conventions, and terminology of the humanities, social sciences, and natural sciences. Research-intensive.

W301 Writing Fiction (3 cr.) R: W203. May be repeated once for credit.

W303 Writing Poetry (3 cr.) R: W203. May be repeated once for credit.
W310 Language and the Study of Writing (3 cr.) P: W131 with a grade of C or higher. Designed as an introduction to the logical foundation and rhetorical framework of effective writing.

W311 Writing Creative Nonfiction (3 cr.) P: submission of acceptable manuscripts to instructor in advance of registration. R: W103 or W203. Writing workshop in such modes as personal essay, autobiography, or documentary. May be repeated once.

W315 Composing Computer-Delivered Text (3 cr.) P: W131 with a grade of C or higher. This course introduces students to new forms of writing (beyond word processing and desktop publishing) made possible by computers—hypertext, electronic mail, and computer conferencing—and explores what impact these new forms will have on literacy skills for writers and readers of such computer-delivered texts.

W350 Advanced Expository Writing (3 cr.) P: W131 with a grade of C or higher or equivalent. Close examination of assumptions, choices, and techniques which go into a student’s own writing and the writing of others.

W395 Individual Study of Writing (1-3 cr.) P: Consent of instructor. Exercise in the study of written expression and communication in informative, persuasive, or imaginative writing. May be repeated once for credit.

W398 Internship in Writing (1-3 cr.) P: Consent of instructor. Internship in the University Writing Center, designated IUS offices, or other arranged settings. Focus on writing, the teaching of writing, and writing-related tasks. Apply during semester prior to desired internship.

W401 Advanced Fiction Writing (3 cr.) P: 6 credit hours in W203, W301, and submission of acceptable manuscripts to instructor in advance of registration. May be repeated once for credit.

W403 Advanced Poetry Writing (3 cr.) P: 6 credit hours in W203, W303, and submission of acceptable manuscripts to instructor in advance of registration. May be repeated once for credit.

W405 Writing Prose Nonfiction (3 cr.) P: W290 with a grade of C or higher. A writing workshop in nonfiction prose. Students complete an extended inquiry project (estimated 15 pages) and a reflective essay on themselves as writers, specific topics to be approved by the instructor. Intensive daily participation and interactive peer review of work in progress.

W410 Indiana Writing Workshop (2 cr.) P: acceptance to Indiana Writer’s Conference. Intensive training in various forms of writing. May be counted as an elective within the major, and repeated once for credit.

W411 Directed Writing (1-3 cr.) Description of project as assigned by instructor consenting to direct it. Individual critical projects worked out with faculty member. Credit varies with scope of the project.

W420 Argumentative Writing (3 cr.) P: W131 with a grade of C or higher. Presents argument as a process of inquiry. Applies critical and creative thinking to analyzing and composing effective argument. Addresses contexts and ideologies as a component of audience receptivity to ideas. Writers form and test ideas from pluralistic perspectives on controversial issues about which reasonable people disagree, including culture-sensitive issues like gender, race, ethnicity, etc.

W490 Writing Seminar (3 cr.) P: Completion of 9 credit hours of writing beyond W131. A capstone writing seminar. Students will do one major and one minor project in nonfiction prose and either poetry or fiction. The major project is mentored by the instructor and another IUS faculty member or professional outside of IUS and is presented publicly to students, IUS faculty, and mentors. Students will also complete a reflective essay on themselves as writers.

W497 Independent Study in Writing (3 cr.) Creative Writing Seminar or capstone course.

L498 Internship in English (S/F grading) (1-3 cr.) P: Consent of instructor. Supervised experience in editing departmentally based journal or allied publication. May be counted as an elective within the major; only 3 credit hours may count toward the major.

W500 Teaching Composition: Issues and Approaches (4 cr.) Consideration of fundamental issues in the teaching of writing and the major approaches to composition instruction. Specific topics include teaching invention and revision, diagnosing errors, teaching style and organization, making assignments, and evaluating student writing.
Courses in English Language

G205 Introduction to the English Language (3 cr.) Acquaints the student with contemporary studies of the nature of language in general and of the English language in particular. Required of students preparing to teach English in secondary schools.

G207 English Grammar and Usage (3 cr.) A brief look at English grammar, with emphasis upon current American usage; students will review verb usage, subject-verb agreement, pronoun usage, modifier usage, punctuation, and sentence structure. This course does not count toward the humanities distribution requirement for B.A. candidates.

G301 History of the English Language (3 cr.) Historical and structural analysis of English language in stages of its development. Political and social events affecting development of language, interrelationship of language and literature, evolution of modern phonology and syntax.

Courses in Literature

L101-L102 Western World Masterpieces I-II (3-3 cr.) P: W131 should be either successfully completed or taken concurrently. Literary masterpieces from Homer to present. Aims to teach thoughtful, intensive reading, to introduce aesthetic values in literature, and to bring about awareness of the enjoyment derived from reading.

L107 Oriental World Masterpieces (3 cr.) Literary masterpieces from the Arabic, Persian, Indian, Japanese, Chinese, and Malay cultures.

The following courses are open to sophomores, juniors, and seniors; they are also open to second-semester freshmen who have received a grade of B or above in L101 or L102:

L140 Introduction to English Studies (3 cr.) A comprehensive orientation to the field of English Studies. In addition to providing academic advising, the course offers an overview of our curriculum, which includes our two concentrations in Writing and Literature, career opportunities related to the degree, and the kinds of reading, writing, and oral skills that are needed for success as a major and in a variety of professions.

L202 Literary Interpretation (3 cr.) Close analysis of representative texts (poetry, drama, fiction) designed to develop art of lively, responsible reading through class discussion and writing of papers. Attention to literary design and critical method.

L203 Introduction to Drama (3 cr.) Representative group of significant plays to acquaint students with characteristics of drama as a type of literature.

L204 Introduction to the Novel and Short Story (3 cr.) Representative works of fiction; stresses structural technique in the novel, theories and kinds of fiction, and thematic scope of the novel.

L205 Introduction to Poetry (3 cr.) Kinds, conventions, and elements of poetry in a selection of poems from several historical periods.

L207 Women and Literature (3 cr.) Issues and approaches to critical study of women writers and treatment in British and American literature.

L210 Studies in Popular Literature and Mass Media (3 cr.) Popular literary modes in England and America, such as detective, western, fantasy; history and theories of “mass” or “popular” culture; uses of literacy. Literary analysis of particular mass media forms, including television drama. Topic varies.

L220 Introduction to Shakespeare (3 cr.) A survey of Shakespeare’s greatest plays and poems.

L230 Science Fiction (3 cr.) Study of the kinds, conventions, and theories of science fiction. Course may include both literature (predominantly British and American) and film.

L295 American Film Culture (3 cr.) Film in relation to American culture and society. Topic varies. Works of literature may be used for comparison, but the main emphasis will be on film as a narrative medium and as an important element in American culture.

L297 English Literature to 1600 (3 cr.) Representative selections, with emphasis on major writers from Chaucer to Shakespeare, and on their cultural context.

L298 English Literature from 1600 to 1830 (3 cr.) Representative selections, with emphasis on major writers from Donne to Byron, and on their cultural context.
L299 English Literature since 1830 (3 cr.) Representative selections, with emphasis on major writers from Carlyle to the present, and on their cultural context.

Courses Primarily for Juniors and Seniors

L303 Medieval English Literature in Translation (3 cr.) Literature and civilization of medieval England. Selected works from Old and Middle English with attention to their relations with art, history, and other aspects of medieval culture.

L305 Chaucer (3 cr.) Chaucer’s works, with special emphasis on The Canterbury Tales.

L308 Elizabethan Drama and Its Background (3 cr.) English drama from Middle Ages to 1642; principal Elizabethan and Caroline dramatists and their best plays.

L309 Elizabethan Poetry (3 cr.) Major Elizabethan poets, with special attention to Spenser.

L313 Early Plays of Shakespeare (3 cr.) Close reading of at least seven early plays of Shakespeare.

L314 Late Plays of Shakespeare (3 cr.) Close reading of at least seven later plays of Shakespeare.


L318 Milton (3 cr.) Poetry and prose of John Milton, with special attention to Paradise Lost, Paradise Regained, and Samson Agonistes.

L320 Restoration and Early Eighteenth-Century Literature (3 cr.) Major poetry and prose, 1660-1730, with emphasis on Dryden, Swift, and Pope.

L327 Later Eighteenth-Century Literature (3 cr.) Major poetry and prose, 1730-1800, with emphasis on Johnson and Boswell.

L328 Restoration and Eighteenth-Century Drama (3 cr.) Development of English drama from the Puritan closing of playhouses to the beginning of the nineteenth century.

L329 Romantic Literature (3 cr.) Major Romantic writers, with emphasis on two or more of the following: Blake, Wordsworth, Coleridge, Byron, Shelley, Keats.

L330 Major Romantic Writers II (3 cr.) Major Romantic writers of the second generation, with emphasis on Byron, Shelley, Keats, and their associates.

L333 Victorian Literature (3 cr.) Major poetry and prose, 1830 to 1900, studied against the social and intellectual backgrounds of the period.

L345 Twentieth-Century British Poetry (3 cr.) Modern poets, particularly Yeats, Eliot, and Auden; some later poets may be included.

L346 Twentieth-Century British Fiction (3 cr.) Modern fiction, its techniques and experiments, particularly Joyce, Lawrence, and Woolf; some later novelists may be included.

L347 British Fiction to 1800 (3 cr.) Forms, techniques, and theories of fiction as exemplified by such authors as Defoe, Richardson, Fielding, Smollett, and Sterne.

L348 Nineteenth-Century British Fiction (3 cr.) Forms, techniques, and theories of fiction as exemplified by such romantic and Victorian authors as Scott, Dickens, Eliot, and Hardy.

L351 American Literature to 1865 (3 cr.) American writers to 1865: Emerson, Hawthorne, Melville, Whitman, and two or three additional major writers.

L352 American Literature, 1865-1914 (3 cr.) American writers, 1865-1914: Mark Twain, Dickinson, James, and two or three additional major writers.

L354 American Literature since 1914 (3 cr.) American writers since 1914: Faulkner, Hemingway, Eliot, Frost, and two or three additional major writers.

L355 American Novel: Cooper to Dreiser (3 cr.) Representative nineteenth-century American novels.

L356 American Poetry to 1900 (3 cr.) Includes the work of Bradstreet, Taylor, the Fireside Poets, Poe, Emerson, Whitman, Dickinson, and Stephen Crane.
L357 Twentieth-Century American Poetry (3 cr.) American poetry since 1900, including such poets as Pound, Eliot, Frost, Stevens, Williams, and Lowell.

L358 Twentieth-Century American Fiction (3 cr.) American fiction since 1900, including such writers as Dreiser, Lewis, Fitzgerald, Hemingway, Faulkner, and Bellow.

L360 American Prose (Excluding Fiction) (3 cr.) P: W131 with a grade of C or higher. Major nonfiction prose forms, including the essay, the journal, and the sermon, as well as the literary aspects of biography, criticism, and historical writing.

L363 American Drama (3 cr.) Main currents in American drama to the present.

L365 Modern Drama: Continental (3 cr.) Special attention to Ibsen, Chekhov, Pirandello, Brecht, and Sartre.

L366 Modern Drama: English, Irish, and American (3 cr.) Special attention to Shaw, Synge, O’Neill, Williams, and Albee.


L371 History of Criticism (3 cr.) Literary criticism from ancient to modern times.

L378 Studies in Women and Literature (3 cr.) British and American authors, such as George Eliot, Gertrude Stein; groups of authors, such as the Brontë sisters, recent women poets; or genres and modes, such as autobiography, film, criticism. Topics will vary from semester to semester.

L380 Literary Modernism (3 cr.) Phenomenon of modernism in early twentieth-century transatlantic literature, with emphasis on such writers as Joyce, Pound, Eliot, Stein, Lawrence, Faulkner, studied in relation to social and artistic movements.

L381 Recent Writing (3 cr.) Selected writers of contemporary significance. May include relevant groups and movements (such as black writers, poets of projective verse, new regionalists, parajournalists and other experimenters in pop literature, folk writers, and distinctively ethnic writers); several recent novelists, poets, or critics; or any combination of groups.

L383 Studies in British or Commonwealth Culture (3 cr.) Study of a coherent period of British or Commonwealth culture (such as medieval, Elizabethan, or Victorian England, or modern Canada), with attention to the relations between literature, the other arts, and the intellectual milieu.

L384 Studies in American Culture (3 cr.) P: W131 with a grade of C or higher. Study of a coherent period of American culture (such as the Revolution, the Progressive Era, the Great Depression) with attention to the relations between literature, the other arts, and the intellectual or social milieu.

L389 Feminist Literary and Cultural Criticism (3 cr.) Selected critical approaches to the issue of gender over time and in various cultural settings. Topics vary including feminist criticism and popular culture, the history of feminist expository prose, deconstructionism and feminism.

L395 British and American Film Studies (3 cr.) Intensive study of specific topics related to film narratives; emphasis on American or British film as a cultural phenomenon. Topic varies.

L450 Seminar: British and American Authors (3 cr.) Intensive study of a major author or a school of closely related authors.

L460 Seminar: Literary Form, Mode, and Theme (3 cr.) Study of texts written in several historical periods united by a common mode or form (narrative, romanticism, lyric, etc.), or by a common theme (bildungsroman, the city and the country, the two cultures question, the uses of literacy, etc.).

L470 Seminar: Literature and Interdisciplinary Studies (3 cr.) Study of a body of English or American literature in relation to another discipline (philosophy, art, history, linguistics, psychology, etc.), or in light of critical theory (structuralist, psychoanalytic, genre theory, etc.)

L480 Seminar: Literature and History (3 cr.) Study of a body of literature in relation to a period of history, to a theory of history, or to a historical theme.

L495 Individual Reading in English (1-3 cr.) P: Consent of instructor. May be repeated once for credit.
Fine Arts (FINA)

History of Art

H100 Art Appreciation (3 cr.) P: W131. The purpose of this course is to acquaint students with outstanding works of art and provide an approach to appreciation through knowledge of purposes, techniques, forms, and content. Does not count toward the fine arts major.

A101 Ancient and Medieval Art (3 cr.) A survey of major styles and monuments in art and architecture from prehistoric times to the end of the Middle Ages. Fall Sem.

A102 Renaissance through Modern Art (3 cr.) A survey of major artists, styles, and movements in European and American art and architecture from the fifteenth century to the present. Spring Sem.

A150 Africa, New World, and Oceanic Art (3 cr.) A survey of the arts and cultures of the native peoples of Africa, North and South America, and the South Pacific. (A150 and A458 may not both be taken for credit.)

A270 Women in the History of Art (3 cr.) P: W131. Women artists from the Renaissance through modern times and the problems affecting women artists during these periods. (Does not count as part of art history requirements for art majors.)


A322 Romanesque and Gothic Art (3 cr.) P: W131. Survey of the art of the high Middle Ages from the eleventh through the fifteenth centuries, with an emphasis on architecture and sculpture in England, France, Germany, and Italy.


A342 Twentieth-Century Art (3 cr.) P: W131. Examination of the major trends in the art and architecture of Europe and America during the late nineteenth and through the twentieth centuries.


A400 Senior Seminar in Art History (4 cr.) P: W131. Intensive examination of selected topics in art history. Consent of instructor. May be repeated once.


A449 Twentieth-Century Art, 1925–Present (3 cr.) P: W131. The history of western painting, sculpture, architecture, and other media from 1925 to the present.


A452 Art of Pre-Columbian America (3 cr.) P: W131. A survey of pre-contact arts of the Americas south of the Rio Grande. Emphasis on the sculptural, architectural, and ceramic arts of ancient Mexico and Peru.

A453 The Art of Sub-Saharan Africa (3 cr.) P: W131. A survey of the arts of Western Africa with an emphasis on sculptural forms.

A458 Topics in the Ethnographic Arts: The Art of Africa, the Pacific, and the Americas (3 cr.) P: W131. Specific topics of particular interest in the ethnographic arts. Topics thematically based. (A150 and A458 may not both be taken for credit.)

A478 History of Ceramics (2 cr.) P: W131. Study of the history of ceramics of the world, covering Near Eastern, Greek, Chinese, Japanese, and American ceramics. Emphasis on the historical development of pottery in individual cultures, as well as how one culture’s pottery has influenced another (does not count as part of art history requirement for art majors).

A490 Topics in Art History (3 cr.) P: W131. Individual topics vary. Will be listed in course schedule. May be repeated with consent of instructor.
A495 Reading and Research in Art History (1-4 cr.) P: W131. Individual directed study of art history topics. Consent of instructor. May be repeated for a total of 8 credit hours.


Fine Arts Seminars
A201 Art Theory—Freshman (1 cr.) A study of relationships between the visual arts, the liberal arts, the university, and the art world. (Required. Must be taken during the 100-level studio sequence.) Spring Sem.

A401 Art Theory—Senior (2 cr.) This course is designed to cover a broad range of concerns vital to the art major’s continuing career in graduate school and/or the professional art world. (Required. Must be taken during the 400-level studio sequence.) Fall Sem.

Art Education
T255 Crafts and Design (3 cr.) Creative designs developed through drawing, collage, and color problems; objects such as fabrics, masks, puppets, and sculpture may be executed. Attention given to the meaning of art and the nature of creativity. For elementary education majors. This course does not count toward the humanities distribution requirement for B.A. candidates.

Studio
F100 Fundamental Studio–Drawing (3 cr.) A basic course for the development of visual awareness and coordination of perceptual and manual skills; seeing, representing, and inventing on an experimental, exploratory level on a two-dimensional surface. Problems in composition as well as hands-on work with the formal elements of art: line, shape, space, value, texture.

F101 Fundamental Studio III, Three-Dimensional Design (3 cr.) P: F100. A basic course in the area of three-dimensional design, with emphasis on the art elements of line, plane, and volume. Development of skills in basic media, techniques, and tools commonly used in the creation of three-dimensional art forms. Projects involve the three-dimensional processes of substitution and the additive and subtractive methods, including casting, modeling, carving, and constructing, through the use of a variety of sculptural materials. May be taken concurrently with F102, S200, S230, or S240.

F102 Fundamental Studio–2D (3 cr.) P: F100, may be taken concurrently with F101. Color, shape, line, and value structures along with the principles and dynamics of design are studied as the basis for exploration of two-dimensional spatial relationships; includes investigation of conventional and invented tools and media.

P273 Computer Art and Design (3 cr.) Course introduces the Macintosh computer environment and imaging software that supports digital imaging and design.

Ceramics
S165 Ceramics for Nonmajors (3 cr.) Introduction to pottery through hand-forming techniques, wheel-throwing, glazing; clay body preparations. Ceramic techniques and aesthetics. (Will not count toward a major in fine arts.)

S260 Ceramics I (3 cr.) P: F100, F101, F102, P273. An introduction to hand building, throwing, glaze mixing, and glaze application, including lectures on basic ceramic techniques.

S361 Ceramics II (3 cr.) P: S260. Continued practice in forming and glazing. Lectures. May be repeated once.

S361R Ceramics III (3 cr.) P: S361. Advanced practice in wheel and hand forming methods, glaze chemistry, and clay body foundation.


Drawing
N108 Drawing for Nonmajors (3 cr.) Coordination of perceptual and manual skills through the introduction to a variety of drawing media; seeing, representing, and inventing on an experimental, exploratory level. (Will not count toward a major in fine arts.)

S200 Drawing I (3 cr.) P: F100, F102; may be taken concurrently with F101, P273. Introduction to drawing through a variety of drawing media, stressing basic visual awareness; seeing, representing, and technical
command on a two-dimensional surface. Problems in handling placement, line, space, volume, value, and formal articulation.

S301 Drawing II (3 cr.) P: S200. Intermediate course in drawing from the model and other sources. Emphasis on technical command of the media in conjunction with the development of visual awareness. Continued problems from S200 with additional emphasis on individual awareness and sensitivity to media, surface, and content. May be repeated once.

S401 Drawing IV (3 cr.) P: 6 cr. hrs. in S301. Advanced drawing from the model and other sources using a variety of media, both conventional and invented. Craftsmanship, content, and personal style are stressed. May be repeated.

Painting

S239 Painting for Nonmajors (3 cr.) Introduction to painting in oil. Study of the spatial and expressive qualities of color, with an emphasis on composition and pictorial design. Development of technical skills in image making through exploration of traditional and modern methods of paint application. Introduction to surface preparation, framing, and display of paintings. (Will not count toward a major in fine arts.)

S230 Painting I (3 cr.) P: F100, F102; S200 or taken concurrently with F101, P273. Introduction to painting in oil. Study of the spatial and expressive qualities of color, with an emphasis on composition and pictorial design. Development of technical skills in image making through exploration of traditional and modern methods of paint application. Introduction to surface preparation, framing, and display of paintings.

S331 Painting II (3 cr.) P: S230. Intermediate course in painting, with an emphasis on the technical command of both oil and acrylic media. Continued study in composition and pictorial design in painting. Further development in traditional and modern methods of paint application with an emphasis on individual experimentation. May be repeated once.

S431 Painting III (3 cr.) P: S331. Advanced course in painting aimed at the continued mastery of technical skills, with an emphasis on individual solutions to pictorial and conceptual problems in painting. May be repeated.

Printmaking

S196 Printmaking for Nonmajors (3 cr.) Understanding of basic printmaking techniques through hands-on experience with monotype, relief, and intaglio (etching). Appreciation and sensitivity to the art of the print will be cultivated.

S240 Printmaking I (3 cr.) P: F100, F102, S200 or may be taken concurrently with F101, P273, S200. Introduction to printmaking. Study of traditional and contemporary techniques, including, but not limited to intaglio (etching), monotype, and relief. Problems in pictorial composition will be emphasized along with understanding of technique. Appreciation and sensitivity to the art of the print will be cultivated.

S341 Printmaking II: Intaglio (3 cr.) P: S240. Continuation of intaglio study begun in S240, with emphasis on traditional and contemporary modes of expression. Semester work includes experimentation with color printing techniques. Problems in pictorial composition will be stressed with emphasis on technical competency. May be repeated once.

S343 Printmaking II: Lithography (3 cr.) P: S240. Advanced study with emphasis on plate and stone lithography. Problems in pictorial composition, drawing issues, and experimentation with technique will be stressed. May be repeated once.

S441 Printmaking III: Intaglio (3 cr.) P: 6 cr. hrs. in S341 or S343. Advanced problems in intaglio and color printing techniques for qualified students. May be repeated.

S443 Printmaking III: Lithography (3 cr.) P: 6 cr. hrs. in S341 or S343. Advanced work in lithography, including color printing techniques for qualified students. May be repeated.

Graphic Design

P280 Desktop Publishing (3 cr.) Photoshop, QuarkExpress, Adobe Illustrator.

S250 Graphic Design I (3 cr.) P: F100, F102, P273, may be taken concurrently with F101. Visual communication emphasizing the perceptive use of line, interval proportion, color, sequence, and grid systems. Basic tools, including the computer and drawing disciplines of graphic design will be utilized.

S351 Graphic Design II (3 cr.) P: S250. Further studies in visual communication concentrating on letter drawing, typography, and symbolic drawing using the computer and other tools.

S352 Graphic Design III (3 cr.) P: S351. Advanced studies in visual problem solving relating to the development of symbols and their integration with typographic communication, photography, and design-oriented drawing.

S451 Graphic Design IV (3 cr.) P: 352. Professional problem solving in graphic design. May be repeated.

Photography

S291 Fundamentals of Photography I (3 cr.) P: F100, F102; may be taken concurrently with F101 or P273. Basic practice of camera operation, exposure calculation, exposing, printing, and enlarging monochrome photographs. Guidance toward a personal photographic aesthetic.

S392 Intermediate Photography (3 cr.) P: S291 or consent of the instructor. Practice of black and white photography: camera work, darkroom practices, appreciation of photographs, and experience in expressive use of the medium.

S490 Advanced Photography I (3 cr.) P: S392 and consent of the instructor.

S491 Advanced Photography II (cr. arr.) P: S392 and consent of the instructor.

S497 Independent Study-Studio (1-3 cr.) P: consent of instructor. Independent studio work in one of the concentrations. May be repeated once for credit.

Senior Exhibition

P450 Senior Project (1 cr.) Planning and exhibition of artwork in senior art show.

French (FREN)

Students who have studied French must take a placement test before enrolling. Contact the Student Development Center.

F100-F150 Elementary French I-II (4-4 cr.) Introduction to French language and selected aspects of French civilization and culture. Attendance in the language lab may be required. F100 offered Fall Sem. and Summer I; F150 offered Spring Sem. and Summer II.

F200-F250 Second-Year French I-II (3-3 cr.) P: F150. Grammar, composition, and conversation coordinated with the study of expository, literary, and cultural texts. Attendance in the language lab may be required. F200 offered Fall Sem., F250 offered Spring Sem.

F300 Lectures et analyses littéraires (3 cr.) P: F250. Preparation for more advanced work in French literature. Readings and discussions of one play, one novel, short stories or essays, and poems.

F305 Chefs-d’oeuvre de la littérature française I (3 cr.) P: F250. Drama and literature of ideas. Dramatists such as Corneille, Racine, Molière, Beaumarchais, and Sartre; essayists and philosophes such as Descartes, Pascal, Voltaire, Diderot, and Camus. Lectures and discussion in French.

F306 Chefs-d’oeuvre de la littérature française II (3 cr.) P: F250. Novel and poetry. Novelists such as Balzac, Flaubert, and Proust; readings in anthologies stressing sixteenth-, nineteenth-, and twentieth-century poetry. Lectures and discussion in French.


F315-F316 French Conversation and Diction I-II (3-3 cr.) P: F250. Course devoted to oral practice and basic phonetic rules.

F363 Introduction à la France moderne (3 cr.) P: F250. The development of French culture and civilization in the twentieth century, with an emphasis on the events which shaped modern France, the structure of daily life, and its institutions.
F375 Thèmes et perspectives littéraires (3 cr.) P: F300 or equivalent. Study of a specific subject or theme, such as society and the individual, the tragic hero from the seventeenth to the twentieth century, comedy, and satire. All work in French.

F396 Foreign Study in French (1-6 cr.) P: acceptance into an approved IU overseas study program. Credit for foreign study in French language or literature when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 6 credit hours.

F453 Le Roman au 20e siècle I (3cr.) Ecrivains tels que Gide, Alain-Fournier, Colette, Bernanos, Sartre, Malraux.

F454 Le Roman au 20e siècle II (3cr.) Ecrivains tels que Camus, Queneau, Butor, Vian, Duras.

F461 La France contemporaine (3 cr.) France since 1945; political, social, economic, and cultural aspects.

F475 Le Français oral: cours avancé (3cr.)

General Humanities (HUMA)
U101 Introduction to the Humanities (3 cr.) A survey of the development of the humanities to the Renaissance, with an emphasis on the relationship between ideas and the arts.

U102 Introduction to Modern Humanities (3 cr.) A survey of the development of the humanities from the Renaissance to the present, with an emphasis on the relationship of ideas and the arts.

Germanic Languages (GER)
Students who have studied German must take a placement test before enrolling. Contact the Student Development Center.

G100-G150 Elementary German I-II (4-4 cr.) Introduction to present-day German and selected aspects of German culture. Survey of the language: structure and meaning. Introduction to German grammatical forms and their function. Development of listening comprehension, simple speaking proficiency, controlled reading and writing skills. Attendance in the language lab may be required. G100 offered Fall Sem. and Summer I.

G200 Oral Practice, Writing, and Reading I (3 cr.) P: G150 or equivalent. Further development of oral and written command of language structures. Reading of literary and nonliterary texts. Attendance in the language lab may be required. Fall Sem.

G250 Oral Practice, Writing, and Reading II (3 cr.) P: G200 or equivalent. Review of selected grammatical items. Reading of modern German prose and plays with stress on discussion in German. Writing of descriptive and expository prose based on the reading material. Attendance in the language lab may be required. Spring Sem.

G255 Masterpieces of German Literature in Translation (3 cr.) Recommended for students with no knowledge of German or those in first- and second-year language courses who wish to gain early acquaintance with German literature. Emphasis on such writers as Kafka, Brecht, Hesse, Mann, Goethe, Schiller, and Lessing. No credit given for German majors.

G300 Deutsch: Mittelstufe I (3 cr.) P: G250. Intensive review of selected grammatical topics and continued practice of composition and conversation. Conducted in German.

G305 Introduction to German Literature: Types (3 cr.) P: G250. Study of literary genres (narrative, dramatic, lyric), with examples of each selected from two or more periods.

G306 Introduction to German Literature: Themes (3 cr.) P: G305. Study of a single literary theme (such as music, generational conflict, love, revolution) as presented in two or more periods.

G311 Composition and Conversation (3 cr.) P: G250 or equivalent. Conversation, writing, and vocabulary building coordinated with readings of contemporary concerns, both nonfiction and fiction. Conducted in German.

G330 Deutsch: Mittelstufe II (3 cr.) P: G300 or equivalent. Advanced oral and written communication. Study of selected advanced grammatical topics. Reading of primarily nonliterary texts. Conducted in German.

G363 Deutsche Kulturgeschichte (3 cr.) P: G250. A survey of the cultural history of German-speaking countries, with reference to its social, economic, and political context. Lectures in German; discussions in German or English.
G403 Deutsche Literatur: Mittelalter bis Romantik (3 cr.) P: G305 or G306. Historical survey of major literary developments from the Middle Ages to romanticism.

G404 Deutsche Literatur seit der Romantik (3 cr.) P: G305 or G306. Historical survey of major literary developments from young Germany to recent writing in German-speaking Europe.

G405 Goethe: Life and Works (3 cr.) P: G305 or G306. Extensive readings in Goethe’s poetry, drama, and narrative fiction, including analysis of Faust. Special emphasis is placed on the relationship between the author’s life and his works.

G415 Perspectives on German Literature (3 cr.) P: G305 or G306. Study of one aspect of German literature: formal, historical, political, psychological, etc. Relation to wider concerns in and outside of literature. Topic announced in the Schedule of Classes. May be repeated once with different topic.

G416 Studies in German Authors (3 cr.) P: G305 or G306. Life and works of a major author or group of authors. Topic announced in the Schedule of Classes. May be repeated once with different topic.

G418 German Film and Popular Culture (3 cr.) P: G305 or G306. Study of German film and/or other manifestations of German popular culture (television, music, cabaret, Trivialliteratur of the Twentieth Century).

G464 Kultur und Gesellschaft (3 cr.) P: 363. The interaction of social, intellectual, and artistic forces in German life of the past two centuries, with stress on important developments and figures. May be repeated once with a different topic for a maximum of 6 credit hours.

V415 Individual Readings in German Studies (1-3 cr.) May be repeated.

Music (MUS)
Graduate-level study is available in applied music, ensemble, and some literature and theory courses with permission of the instructor. Please contact the Music Department Office at (812) 941-2655 for further information.

Music History and Literature
M10 History of Rock and Popular Music (3 cr.) An introduction to the history of various styles of rock and popular music, and to the music of significant composers and performers in these genre. For the nonmajor.

M174 Music for the Listener I (3 cr.) An introduction to the art of music and its materials, to symphonic music, opera, and other types of classical music, and to the works of the great composers. For the nonmajor.

M201-M202 Literature of Music I-II (3-3 cr.) Music history from 1600 to 1900. Designed to develop a perspective of the evolution of music in its social-cultural milieu, to familiarize students with a repertoire of representative compositions, and to develop critical and analytical listening skills. Non-music majors with some musical background may enroll with consent of the instructor. Required for all music majors.

M375 Survey of Ethnic and Popular Musics of the World (3 cr.) A study of music of other nations and cultures and including Native American, Asian, Middle Eastern, and African American musics. For the nonmajor.

M403 History of Music I (3 cr.) P: M201-M202 or equivalent. A survey and analysis of music from the beginning of Western civilization to 1600. Style analysis of representative compositions; relationship of music to social-cultural background of each epoch. Introduces students to basic research methods and techniques in music history. Required for all music majors.

M404 History of Music II (3 cr.) P: M201-M202 or equivalent. A survey and analysis of music from 1900 to the present. Introduces students to basic research methods and techniques in music history. Required for all music majors.

M53 Contemporary Music (3 cr.) Trends in European and American concert music from about 1910 to the present, with emphasis on post-World War II developments.

M540 Music for the Listener (3 cr.) For graduate students outside the department of music and undergraduates with consent of instructor. A study of the place of music and the other performing arts in society; philosophy and aesthetic theory in the arts; development of critical standards; listening to music; concert and opera attendance.

M543-M544 Keyboard Literature I and II (3-3 cr.) A survey of literature for stringed keyboard instruments (piano and harpsichord) from the age of Bach to the twentieth century. Historical, stylistic, formal, and aesthetic features. I. From 1700 to 1830. II. From 1830 to present.
M566 A Survey of Ethnic and Popular Musics of the World (3 cr.) A study of the music of other nations and cultures including Native American, Asian, Middle Eastern, and African American musics. For the nonmajor.

Music Theory and Musicianship
E241 Introduction to Music Fundamentals (3 cr.) Basic music theory and beginning piano. Requirement for special education and elementary education. Also for the nonmajor who wishes to learn the basics of music notation and theory.

G370 Techniques for Conducting (2 cr.) P: T113. Principles and practice of basic conducting techniques in music of various periods and styles.

T113-T114 Music Theory I and II (3 cr.) P: E241 or permission of instructor. Study of the principles of eighteenth and nineteenth century common practice music. Involves analysis and composition of melody, harmony, counterpoint, and simple forms. Required for music majors.

T115-T116 Ear Training I-II (1 cr.) Designed to develop basic performing and listening skills of the student. Includes drills in ear-training, dictation, and sight-singing. Required for music majors.

T215-T216 Ear Training III-IV (1 cr.) Designed to develop advanced performing and listening skills of the student. Includes drills in ear-training, dictation, and sight-singing. Required for music majors except music business.

T417 Analysis of Tonal Music (3 cr.) P: T113-T114. Builds on the foundation of first-year theory. Development of contrapuntal skills through appropriate exercises and analysis of polyphonic styles from selected periods. Also systematically incorporates chromatic harmony with an intensive study of music styles; integrates chordal vocabulary with larger formal processes. Required for all music majors except music business.

T418 Music and Ideas (3 cr.) P: T417. Study of various compositional practices of the twentieth century. Emphasis on creative writing and an analytical understanding of a wide variety of theoretical and aesthetic ideas. Required for all music majors except music business.

Music Composition and Technology
A101 Introduction to Audio Technology(2 cr.) Introduction to the equipment and techniques employed in audio recording and reinforcement, including basic audio theory, analog and digital recording, microphone placement, mixing, and editing.

A301-A302 Studio Resources I and II (2-2 cr.) P: E241 or higher. An introduction to techniques and equipment used in the electronic music lab. Past musical study and experience required. A301 required for all music majors.

K200 Composition for Nonmajors (3 cr.) Permission of instructor required. Writing and analysis under professional guidance in private consultations and class discussions.

K300 Composition for Majors (3 cr.) P: T114 or permission of instructor. Writing and analysis under professional guidance in private consultations and class discussions. May be repeated for credit.

K312 Arranging for Instrumental and Vocal Groups (2 cr.) P: T114. Fundamental techniques of scoring music for vocal and instrumental ensembles. Required for composition concentration where it must be taken prior to senior year.

K403-K404 Electronic Studio Resources I and II (2-2 cr.) P: A301-A302. Continued study in electronic music laboratory emphasizing the creative application of resources introduced in A301-A302.


K402 Senior Composition Recital (cr. arr.)

Music Business
U411 Concert Management (3 cr.) On national and local level. Mechanics of management, booking of concert artists and attractions, organized-audience plan, local concert series, symphony management.

Applied Music Instruction
Private studio instruction is offered at all levels. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Those interested in studying instruments not listed below should consult the music department office. Students who complete two semesters of private study should consult with
the music program coordinator for registration in a higher course level. Senior recital courses (402 numbers) should be arranged with the department prior to registration.

**Piano**

E493 Piano Pedagogy (3 cr.) P: Permission of the instructor. Techniques and methods for teaching piano. Includes observation of private lessons.

P100 Applied Piano for Nonmajors (2 cr.)

P101-P102 Beginning Class Piano I-II (2-2 cr.) Class piano instruction for beginning students.

P200 Applied Piano for Nonmajors (2 cr.)

P260 Applied Piano for Majors (2 cr.)

P305, P405 Applied Piano for Majors (2 cr.)

P402 Senior Piano Recital Must be taken concurrently with applied study.

X002 Piano Accompanying (2 cr.) P: Permission of the instructor. Techniques of vocal and instrumental accompanying. Students will be assigned to studio or choral accompanying.

X421 Piano Ensemble (1 cr.) Chamber music involving two pianos/four hands, or one piano/four hands.

**Voice**

E494 Intro to Vocal Pedagogy (3 cr.) P: Permission of the instructor. Techniques and methods for teaching beginning voice students. Includes observation of private lessons.

U230 Foreign Language for Singers (3 cr.) Study of language techniques, diction, international phonetic alphabet, and pronunciation fundamentals.

V100 Applied Voice for Nonmajors (2 cr.)

V101-V102 Beginning Class Voice I-II (2-2 cr.) Class voice instruction for beginning students.

V200 Applied Voice for Nonmajors (2 cr.)

V260 Applied Voice for Majors (2 cr.)

V305, V405 Applied Voice for Majors (2 cr.)

V402 Senior Voice Recital Must be taken concurrently with applied study.

**Guitar**

L100 Applied Guitar for Nonmajors (2 cr.)

L101-L102 Beginning Class Guitar I-II (2-2 cr.) Class guitar instruction for beginning students.

L200 Applied Guitar for Nonmajors (2 cr.)

L260 Applied Guitar for Majors (2 cr.)

L300, L400 Applied Guitar for Majors (2 cr.)

L402 Senior Guitar Recital Must be taken concurrently with applied study.

**Brass**

B110 Applied Horn for Nonmajors

B260, B315, B410 Applied Horn

B120 Applied Trumpet for Nonmajors

B270, B325, B420 Applied Trumpet

B130 Applied Trombone for Nonmajors

B280, B335, B435 Applied Trombone

B140 Applied Baritone for Nonmajors

B280, B340, B440 Applied Baritone
B150 Applied Tuba for Nonmajors
B290, B345, B450 Applied Tuba
B402 Senior Brass Recital Must be taken concurrently with applied study.

Strings
S110 Applied Violin for Nonmajors
S260, S315, S410 Applied Violin
S120 Applied Viola for Nonmajors
S270, S325, S420 Applied Viola
S130 Applied Cello for Nonmajors
S280, S335, S430 Applied Cello
S140 Applied Bass for Nonmajors
S290, S345, S440 Applied Bass
S402 Senior String Recital Must be taken concurrently with applied study.

Woodwinds
W110 Applied Flute for Nonmajors
W260, W315, W415 Applied Flute
W120 Applied Oboe for Nonmajors
W270, W325, W425 Applied Oboe
W130 Applied Clarinet for Nonmajors
W280, W335, W435 Applied Clarinet
W140 Applied Bassoon for Nonmajors
W240, W345, W445 Applied Bassoon
W150 Applied Saxophone for Nonmajors
W250, W355, W455 Applied Saxophone
W402 Senior Woodwind Recital Must be taken concurrently with applied study.

Other
D100 Applied Percussion for Nonmajors
D260, D305, D405 Applied Percussion
D402 Senior Percussion Recital Must be taken concurrently with applied study.
H100 Applied Harp for Nonmajors
H260, H305, H405 Applied Harp
H402 Senior Harp Recital Must be taken concurrently with applied study.
Q100 Applied Organ for Nonmajors
Q260, Q305, Q405 Applied Organ
Q402 Senior Organ Recital Must be taken concurrently with applied study.

Ensembles
Students may participate in chorus, madrigal singers, pop singers, orchestra, concert band, or any other performing ensemble with or without registering for university credit. All ensembles require permission of conductor or audition. Music majors or potential music majors should refer to degree requirements in music. Ensembles are also available for graduate credit. Please contact the music office for more information.
X040 IU Southeast Orchestra (1 cr.)
X040 University Concert Band (1 cr.)
X040 Commonwealth Brass Band (1 cr.)
X070 University Choral Arts Society (1 cr.) Large, choral ensemble dedicated to performing great choral masterpieces of the eighteenth through twentieth centuries. Open to all students, faculty, staff, and community members.
X070 Concert Choir (1 cr.) For students, faculty, and staff. Performs standard classical accompanied and a cappella choral repertoire. Audition required.
X341 Guitar Ensemble (1 cr.)
X350 Jazz Ensemble (1 cr.)
X423 Chamber Music (1 cr.) Performance and analysis of selected chamber music involving piano, strings, and winds.

Philosophy (PHIL)
The following prerequisites apply to all students taking upper-level philosophy courses:
Elementary Composition (W131) must be completed before enrolling in any upper-level philosophy courses (except P250 Symbolic Logic).
Two other philosophy courses must be completed before taking any upper-level history of philosophy courses.
One upper-level philosophy course must be completed before taking the Philosophy Seminar (P333).
P100 Introduction to Philosophy (3 cr.) Perennial problems of philosophy, including problems in ethics, in epistemology and metaphysics, and in philosophy of religion. Readings in selected writings of philosophers from Plato to the present.
P135 Introduction to Phenomenology and Existentialism (3 cr.) Existentialism as a philosophical movement founded on phenomenology. Philosophical themes and their development, applications, or exemplifications in existentialist literature. Course presupposes no particular knowledge of philosophy. Readings from some or all of the following: Buber, Camus, Heidegger, Husserl, Jaspers, Kierkegaard, Marcel, Nietzsche, Sartre.
P140 Introduction to Ethics (3 cr.) The study of classical ethics—texts by Aristotle, Kant, Mill, and many others. Examination of some contemporary moral issues.
P145 Introduction to Social and Political Philosophy (3 cr.) Fundamental problems of social and political philosophy: the nature of the state, political obligation, freedom and liberty, equality, justice, rights, social change, revolution, and community. Readings from classical and contemporary sources.
P150 Elementary Logic (3 cr.) Development of critical tools for the analysis and evaluation of arguments.
P170 Introduction to Asian Philosophy (3 cr.) Survey of select philosophical traditions of India, China, and Japan, including Vedanta, Mahayana Buddhism, Confucianism, and Taoism. Topics include the nature of reality, ethical responsibility, and the role of the “self” in creating ignorance and attaining enlightenment.
P200 Problems of Philosophy (3 cr.) P: 3 credit hours in philosophy or sophomore standing. Selected writings of modern philosophers concerning some important philosophical problem(s).
P237 Environmental Ethics (3 cr.) An introductory consideration of philosophical views regarding the extent of human responsibility for the natural environment.
P240 Business and Morality (3 cr.) Fundamental issues of moral philosophy in a business context. Application of moral theory to issues such as the ethics of investment, moral assessment of corporations, and duties of vocation.
P250 Symbolic Logic I (3 cr.) Propositional logic and first-order quantificational logic.
P251 Symbolic Logic II (3 cr.) P: P250. Identity, definite descriptions, properties of formal theories, elementary set theory.
P253 Inductive Logic (3 cr.) A logical analysis of the inferential mechanisms of induction and the philosophical problem of the justification of induction. The course will focus on the use of probability theory, especially in its Bayesian interpretation, to model inductive inferences. Some connections will be made with recent developments in artificial intelligence.
P271 Issues in Oriental Philosophy (3 cr.) P: 3 credit hours of philosophy. Introduction to some of the major philosophical systems of the East. Examination of selected issues in one or more of the following areas of philosophy: metaphysics, epistemology, ethics. May be repeated once with different topic and consent of instructor.

P281 Philosophy of Religion (3 cr.) An examination of philosophical issues related to religion. The problem of evil, the rationality of religion, the nature and purpose of religion, and philosophical critiques of religion are among the topics studied.

P302 Medieval Philosophy (3 cr.) P: 3 credit hours in philosophy. A survey including Augustine, Boethius, Anselm, Abelard, Bonaventure, Aquinas, Duns Scotus, Ockham, and Nicholas of Cusa.

P304 Nineteenth-Century Philosophy (3 cr.) P: 3 credit hours in philosophy. Selected survey of post-Kantian philosophy, including Hegel, Marx, Kierkegaard, Mill.

P310 Topics in Metaphysics (3 cr.) P: 3 credit hours in philosophy. Topics such as existence, individuation, contingency, universals and particulars, causality, determinism, space, time, events and change, relation of mental and physical.

P313 Theories of Knowledge (3 cr.) P: 3 credit hours in philosophy. Topics such as the nature of knowledge; the relation of knowledge and belief, of knowledge and evidence, of knowledge and certainty; and the problem of skepticism.

P314 Modern Philosophy (3 cr.) P: 6 credit hours in philosophy. A study of Western philosophy in the seventeenth and eighteenth centuries, dealing with such philosophers as Bacon, Descartes, Berkeley, Hume, Leibniz, and Kant.

P319 American Pragmatism (3 cr.) P: 3 credit hours in philosophy. Examination of the central doctrines of Peirce, James, Dewey, Mead.

P320 Philosophy and Language (3 cr.) P: 3 credit hours in philosophy. A study of selected philosophical problems concerning language and their bearing on traditional problems in philosophy.

P330 Marxist Philosophy (3 cr.) P: 3 credit hours in philosophy. An examination of major philosophical issues in Marxist theory. Historical materialism and the critique of idealism in metaphysics, the theory of knowledge, ethics, and social science. Discussion of both classical and contemporary sources.

P333 Philosophy Seminar (3 cr.) P: 3 credit hours in philosophy. Careful collaborative study of selected texts from the history of philosophy in a seminar format. Course may be repeated for credit.

P335 Phenomenology and Existentialism (3 cr.) P: 3 credit hours in philosophy. Selected readings from Buber, Camus, Heidegger, Husserl, Jaspers, Kierkegaard, Marcel, Nietzsche, Sartre.

P336 Analytic Philosophy (3 cr.) P: 3 credit hours in philosophy. Selected readings from Russell, Moore, Wittgenstein, Carnap, Ryle, and others. Topics include realism, logical atomism, logical positivism, and ordinary language philosophy.

P338 Philosophy, Technology, and Human Values (3 cr.) A philosophical study of the role of technology in modern society, including consideration of the relationships between technology and human values.

P340 Classics in Ethics (3 cr.) Readings from Plato and Aristotle to Kant, Mill, and Nietzsche. Topics include virtue and human nature, pleasure and the good, the role of reason in ethics, the objectivity of moral principles, and the relation of religion to ethics.

P342 Problems of Ethics (3 cr.) Concentration on a single problem or on several problems. Examples are bioethics, reason in ethics, and objectivity in ethics.

P343 Classics in Social and Political Philosophy (3 cr.) P: 3 credit hours in philosophy. Readings from Plato and Aristotle to Hobbes, Locke, Hegel, and Marx. Topics include the ideal state, the nature and proper ends of the state, natural law and natural right, and social contract theory, and the notion of community.

P345 Problems in Social and Political Philosophy (3 cr.) P: 3 credit hours in philosophy. Intensive study of one or more problems such as civil disobedience, participatory democracy, conscience and authority, law and morality.
P346 Philosophy of Art (3 cr.) P: 3 credit hours in philosophy. Classical and contemporary theories of art: investigation and analysis of art works, of the creative activities by which they are produced, and of what is involved in appreciating them.

P348 Philosophy and Literature (3 cr.) P: one course in philosophy and one course in literature. A study of traditional philosophical problems in such areas as theory of knowledge, ethics, and social/political philosophy, using literary texts as primary source material.

P371 Philosophy of Religion (3 cr.) Topics such as the nature of religion, religious experience, the status of claims of religious knowledge, the nature and existence of God.


P401 History of Philosophy: Special Topics (3 cr.) P: 6 credit hours in philosophy or consent of instructor. Special topics, such as developing views on one or more of the following subjects: substance, nature, essence, dialectics. May be repeated once with different topic.

P410 Ancient Greek Philosophy (3 cr.) P: 6 credit hours in philosophy. A study of the earliest period of Western philosophy, dealing with such figures as the pre-Socratics, Plato, and Aristotle.

P435 Contemporary Continental Philosophy (3 cr.) Study of the work of philosophers in contemporary continental philosophy, including figures such as Foucault, Derrida, Eco, and Habermas.

P490 Readings in Philosophy (1-3 cr.) P: Consent of instructor. R: 9 credit hours in philosophy. Intensive study of selected authors, topics, and problems.

X303 Introduction to Philosophy of Science (3 cr.) P: Course in physical or social science, junior standing. Scientific explanation, discovery, and theory testing. Do logic and mathematics have empirical content? Philosophical issues in the sciences: causality, space-time, free will, and science of human behavior.

X355 Special Topics in the History and Philosophy of Science (3 cr.) Content and instructors will vary; students may thus receive credit more than once. Admission by consent of instructor or school dean.

Religious Studies (REL)
R152 Religion of the West (3 cr.) Patterns of religious life and thought in the West; continuities, changes, and contemporary issues. Fall Sem.

R153 Religions of the East (3 cr.) Modes of thinking, views of the world and the sacred, the human predicament and paths to freedom, human ideals and value systems in the religions of India, China, and Japan. Spring Sem.

R160 Introduction to Religion in Culture (3 cr.) Traditional patterns of encounter with the sacred. Secularization of Western culture. Religious elements in contemporary American culture.

R170 Religion, Ethics, and Public Life (3 cr.) Western religious convictions and their consequences for judgments about personal and social morality, including such issues as sexual morality, medical ethics, questions of socioeconomic organization, and moral judgments about warfare.

R180 Introduction to Christianity (3 cr.) Survey of beliefs, rituals, and practices of the Christian community with a focus on the varieties of scriptural interpretation, historical experience, doctrine, and behavior.

R200 Studies in Religion (3 cr.) Select intermediate studies in religion. Interdisciplinary studies emphasized. May be taken for up to 9 credit hours under different titles.

R210 Religion of Ancient Israel (3 cr.) Development of its beliefs, practices, and institutions from the Patriarchs to the Maccabean period. Introduction to the biblical literature and other ancient Near East documents. Fall Sem.


R245 Introduction to Judaism (3 cr.) The development of post-Biblical Judaism: major themes, movements, practices, and values.
R257 Introduction to Islam (3 cr.) Introduction to the “religious world” of Islam: the Arabian milieu before Muhammad’s prophetic call, the career of the Prophet. Qur’an and hadith, ritual and the “pillars” of Muslim praxis, legal and theological traditions; mysticism and devotional piety, reform and revivalist movements.

R280 Speaking of God (3 cr.) Theology, as the study of the first principle, ground of being, the good, the One, etc., as appearing in various traditions.

R327 The Origins of Christianity: From Jesus to Augustine (3 cr.) The emergence of Christianity as a distinct religion in the Roman empire through the fifth century: development of offices and rituals; persecution and martyrdom; Constantine and catholic orthodoxy; monasticism; major thinkers and theological controversies; the transition to the Middle Ages.

R331 Christian Thought: From the Reformation to the Present (3 cr.) Major figures and movements in the Reformation, Counter-Reformation, and modern periods.

R335 Religion in Early America (3 cr.) Development of religious life and thought in early America, from the beginnings to 1865.

R336 Religion in Modern America (3 cr.) Development of religious life and thought in modern America, from 1865 to the present.

R345 Religious Issues in Contemporary Judaism (3 cr.) Religious problems confronting Jews and Judaism in our own time: women and Judaism, the impact of the Holocaust on Judaism, contemporary views of Zionism, religious trends in American Judaism. May be repeated once for credit with a different topic.

R354 Buddhism (3 cr.) Historical survey of Buddhism from its origins in India through its diffusion throughout Asia in subsequent centuries. Emphasis on practice (ritual, meditation, and ethics) and social grounding (including individual roles and institutional structures) as well as on doctrinal debates.

R358 Hinduism (3 cr.) Beliefs, rites, and institutions of Hinduism from the Vedic (c. 1200 B.C.) to modern times: religion of the Vedas and the Upanishads; epics and the rise of devotional religion; philosophical systems (Yoga and Vedanta); sectarian theism; monasticism; socioreligious institutions; popular religion (temples and pilgrimages); modern Hindu syncretism.

R362 Religion in Literature (3 cr.) Theological issues raised in literature. Function of religious myth and central religious themes, such as damnation, alienation, pilgrimage, quest, conversion, enlightenment. May be repeated once for credit with a different topic.

R364 Feminist Critique of Western Religion (3 cr.) Basis for and substance of the feminist critique of Western religions. Examines feminist arguments with religious texts, traditions, patterns of worship, expressions of religious language, and modes of organization. Examination of alternatives.

R371 Religion, Ethics, and the Environment (3 cr.) Exploration of relationships between religious world views and environmental ethics. Considers environmental critiques/defenses of monotheistic traditions; selected Non-Western traditions, the impact of secular “mythologies,” philosophical questions, and lifestyle issues.

Spanish (SPAN)
Students who have studied Spanish must take a placement test before enrolling. We recommend that a student who has studied Spanish before coming to IUS take the placement exam as soon as possible after beginning his or her studies at IUS and begin study of Spanish as soon as possible to take maximum advantage of prior study of Spanish. Contact the Student Development Center.

S100-S150 Elementary Spanish I-II (4-4 cr.) Intensive introduction to present-day Spanish, with drills for mastery of phonology, basic structural patterns, and functional vocabulary. Attendance in the language lab may be required. S100 offered Fall Sem., Spring Sem., and Summer I. S150 offered Fall Sem., Spring Sem., and Summer II.

S200-S250 Second-Year Spanish I-II (3-3 cr.) P: S100 and S150. I. Intensive drill reviewing important structural and vocabulary problems, coordinated with literary readings. II. Discussions in Spanish of contemporary Hispanic literature. Practice in composition both semesters. Attendance in the language lab may be required. S200 offered Fall Sem., Spring Sem., and Summer I. S250 offered Fall Sem., Spring Sem., and Summer II.
S275 Hispanic Culture and Conversation (3 cr.) P: S250 or equivalent. Practice of language skills through reading and discussion of Hispanic culture. Treats facets of popular culture, diversity of the Spanish-speaking world, and themes of social and political importance. Conducted in Spanish.

S301-S302-S303 The Hispanic World I-II-III (3-3-3 cr.) P: S317 or equivalent. Introduction to Hispanic culture through literature. Study of representative literary works in both Spain and Spanish America, in the context of Hispanic history, art, philosophy, folklore, etc.

S311 Spanish Grammar (3 cr.) P: S250. Review of the major points of Spanish grammar.

S312 Written Composition in Spanish (3 cr.) P: S317 or equivalent. Course integrates the four basic language skills into a structured approach to composition. Some review of selected points of Spanish grammar included. Emphasis on correct usage, vocabulary building, and stylistic control.

S317 Spanish Conversation and Diction (3 cr.) P: S250 or equivalent. Intensive controlled conversation correlated with readings, reports, debates, and group discussions. May be repeated once for credit overseas.

S407 Survey of Spanish Literature I (3 cr.) P: S301-S302. A historical survey that covers major authors, genres, periods, and movements from the Spanish Middle Ages through the Baroque period of the seventeenth century. Readings include prose works, poetry, and drama.

S408 Survey of Spanish Literature II (3 cr.) P: S301-S302. A historical survey of Spanish literature that covers the main current of Spain’s literary history in the eighteenth, nineteenth, and twentieth centuries. Readings in prose, poetry, and drama by Larra, Pérez Galdós, Unamuno, García Lorca, and other representative writers.

S411 Spanish Culture and Civilization (3 cr.) P: S317 or S301-S302. A course to integrate historical, social, political, and cultural information about Spain.

S412 Latin American Culture and Civilization (3 cr.) P: S317 or S301-S302. A course to integrate historical, social, political, and cultural information about Spanish America.

S419 Modern Spanish Prose Fiction (3 cr.) P: S301-S302. Spanish prose fiction from mid-nineteenth-century realism through post-Spanish Civil War narrative innovations.

S420 Modern Spanish American Prose Fiction (3 cr.) P: S301-S302. Spanish American prose fiction from late-nineteenth-century modernism to the present.

S450 Don Quixote (3 cr.) P: S301-S302. Detailed analysis of Cervantes’ novel. Life and times of the author. Importance of the work to the development of the novel as an art form.

S470 Women and Hispanic Literature (3 cr.) P: S301-S302 or equivalent. Hispanic women within cultural context through literary texts. Topics such as women authors, characters, themes, and feminist criticism.

S471 Survey of Spanish American Literature I (3 cr.) P: S301-S302 or equivalent. A historical survey of Spanish American Literature. This course covers major authors, genres, periods, and movements from pre-Columbian times, through the Conquest and the Spanish Colonies, to the beginning of the Nineteenth Century when the Spanish American republics were born.

S472 Survey of Spanish American Literature II (3 cr.) P: S301-S302 or equivalent. A historical survey of Spanish American Literature. This course covers major authors, genres, periods, and movements. This literary survey course begins in the nineteenth century when Spanish Colonial rule ended and most Spanish American countries became republics, and follows the growth of Spanish American literature up to the present day.

S494 Individual Readings in Hispanic Studies (1-3 cr.) P: Consent of the department. May be repeated.

Speech (SPCH)

Introductory Courses

S121 Public Speaking (3 cr.) P: W131 or concurrent enrollment in W131. Theory and practice of public speaking, training in thought processes necessary to organize speech content, analysis of components of effective delivery and language.

S122 Interpersonal Communication (3 cr.) Practical consideration of spontaneous human interaction in face-to-face situations. Special attention is given to perception, language, and attitudes in dyads and small groups.
Advanced Courses

C205 Introduction to Oral Interpretation (3 cr.) P: Sophomore standing, S121 or T120, or consent of instructor. Basic principles and practice in analysis and reading of selections from prose, poetry, and drama. Lecture and recitation.

C300 Practicum in Speech Communication (1-6 cr.) P: Consent of instructor. Practical experience in various departmental areas as selected by the student prior to registration, outlined in consultation with the instructor, and approved by the department. May be repeated.

C310 Rhetoric and Public Address (3 cr.) P: S121 and junior standing. Historical survey of theories of rhetoric and their application to great issues in American culture.

C325 Interviewing Principles and Practices (3 cr.) P: Sophomore standing. Study and practice of methods in selected interview settings; emphasis on the logical and psychological bases for the exchange of information and attitudes.

S205 Introduction to Speech Communication (3 cr.) P: S121, S122, W131, W290, M118 or higher mathematics, and 2.3 grade point average. Overview of the theories and principles of effective communication in interpersonal, group, organizational, and public settings. Fall Sem., Spring Sem.

S223 Business and Professional Speaking (3 cr.) P: Sophomore standing, S121, S122, or consent of instructor. Preparation and presentation of types of speeches and oral reports appropriate to business and professional occupations; group discussion and parliamentary procedure.


S229 Discussion and Group Methods (3 cr.) P: S121 or S122. Leadership and participation in group, committee, conference, and public discussion; logical and psychological aspects of group process.

S322 Advanced Interpersonal Communication (3 cr.) P: S122 and junior standing. Advanced consideration of communication in human relationships. Emphasis given to self-concept, perception, verbal language, nonverbal interaction, listening, interpersonal conflict and communication skills in family, social, and work situations. Fall Sem.

S323 Speech Composition (3 cr.) P: Junior or senior standing, S121, and W231 or W290. Advanced speechwriting; theories of style, written and spoken language; logical proofs; and emotional and ethical appeals. Practice in composition and delivery.

S324 Persuasion (3 cr.) P: Junior standing, S205, or P320 or P327 or consent of instructor. Motivational appeals in influencing behavior; psychological factors in speaker-audience relationship; contemporary examples of persuasion. Practice in persuasive speaking. Fall Sem.

S325 Voice and Diction (3 cr.) P: S121 or T120. R: Sophomore standing or consent of instructor. Anatomy and functions of vocal mechanism; background for teaching normal speech patterns.

S333 Public Relations (3 cr.) P: Junior standing, S121, W290 or W231 or consent of instructor. Introduction to the principles of contemporary public relations, including ethics of public relations, impact on society, and uses by government, business, and social institutions for internal and external communication. Public relations as a problem-solving process utilizing theoretical and applied communication strategies.

S336 Current Topics in Communication (3 cr.) Extensive analysis of selected problems in contemporary speech communication. Topics vary each semester and are listed in the Schedule of Classes. May be repeated once for credit.

S380 Nonverbal Communication (3 cr.) P: S122. Exploration of communicative interaction that is not linguistic in nature. Emphasizes the communicative aspects of personal space, physical environment, body movement, touch, facial expression, eye contact, and paralanguage.

S398 Independent Study in Speech Communication (1-3 cr.) P: Junior standing and approval of instructor. Independent study or practicum experience. Projects must be approved by faculty member before enrolling. May be repeated for up to a total of 6 credits.
S405 Human Communication Theory (3 cr.) P: Senior standing, S205, and S322 or S324. Survey of contemporary theories of human communication with emphasis on the nature of theory construction; contributions of allied disciplines to communication theory. Spring Sem.


S421 Speech Criticism (3 cr.) P: Junior standing and S205. Rhetorical criticism exemplified by selected studies, ancient and modern; development of contemporary standards and methods of appraisal.

S424 Empirical Research Methods in Speech Communication (3 cr.) P: Junior or senior standing and S205. Focuses on the objective appraisal of behavioral data in the study of speech communication. Introduces the theoretical foundation of empirical social science and offers guidelines for conducting descriptive and experimental studies. Spring Sem.


S440 Organizational Communication (3 cr.) P: Senior standing and S205. Examination of internal and external communication in business and other professional organizations, with emphasis upon theory, techniques, practices, goals, and the social environment in which such communication exists. Fall Sem.

S450 Gender and Communication (3 cr.) P: S122, W131 or consent of instructor. Exploration of the communication between males and females from psychological, social, and cultural perspectives. Emphasizes interpersonal interaction between males and females in friendship and romantic contexts as well as educational, organizational, and mediated contexts.

Telecommunications (TEL)

J470 Broadcast Media Analysis (3 cr.) Seminar on problems of communicating news through aural and visual channels. Application of communications theory to broadcast news and public affairs presentations. Study of effects of format, verbal content, nonverbal content, and presenter on communications process.

R204 Foundations of Broadcasting (3 cr.) Sociological, historical, technical, aesthetic, and regulatory considerations in the understanding of broadcasting. Two hours lecture, one discussion section weekly.

R287 Process and Effects of Mass Communication (3 cr.) Theories and principles of mass communication, with emphasis on the contribution of the behavioral sciences. Credit not given for both R287 and Sociology S336.

R309 Television Production (3 cr.) Materials and equipment of television studio production.

R311 Broadcast Writing (3 cr.) Style, form, and preparation of writing materials for broadcasting.

R404 Topical Seminar in Telecommunications (3 cr.) Exploration of problems and issues of telecommunications in contemporary society.

R440 Advertising Strategies (3 cr.) Analysis and evaluation of the planning, creative, and placement components of advertising campaigns utilizing the broadcast media; development of original advertising campaigns.

T340 Electronic Media Advertising (3 cr.) Principles of Internet, network, national spot, and local radio and television advertising; roles of advertising agency, station representative, time buyer.

T441 Advanced Advertising Strategies (3 cr.) Analysis and evaluation of planning, creative, and placement components of advertising campaigns utilizing the electronic media; development of original advertising campaigns.

Theatre (THTR)

T105 Appreciation of Theatre (3 cr.) Introduction to the art of the theatre through a study of major dramatic forms and theatrical techniques. No credit for theatre/drama major concentration.

T115 Oral Interpretation I (3 cr.) Introduction to theories, methodology, and skills: oral and visual presentation of literature for audiences.

T120 Acting I (3 cr.) Introduction to theories, methodology, and skills: body movement, voice and diction, observation, concentration, imagination. Emphasis on improvisational exercises. Lectures and laboratory.
T220 Acting II (3 cr.) P: T120, permission of instructor. Textual analysis and techniques of communicating with body and voice. Study and performance of characters in scenes from Shakespeare and modern realistic and nonrealistic dramas. Lecture and laboratory.

T225 Stagecraft I (3 cr.) Introduction to theories, methodology, and skills: analysis of practical and aesthetic functions of stage scenery; fundamentals of scenic construction and rigging; mechanical drawing for stagecraft. Lecture and laboratory.

T270-T271 Introduction to History of the Theatre I-II (3-3 cr.) Significant factors in primary periods of theatre history and their effect on contemporary theatre. Review of representative plays of each period to illustrate theatrical use of dramatic literature. Credit not given for both T470 and T270, nor for both T471 and T271.

T275 American Theatre: The Black Experience (3 cr.) Historical survey of the Black influence in the American theatre; a critical study of early and contemporary plays concerning Black social problems and depicting Black culture; the contributions of Black actors and Black playwrights to the American stage.

T310 Creative Dramatics (3 cr.) Theory and technique of guiding children in spontaneous activity; specifically, creating scenes or plays and performing them with improvised dialogue and action. Although theories will be discussed, the emphasis will be on practical activities which may be useful to prospective teachers, recreation leaders, etc.

T315 Oral Interpretation II (3 cr.) R: T115. Study of the oral and visual presentation of literature, with emphasis on analysis of intellectual and emotional values.

T320 Acting III (3 cr.) P: T220 and audition. Character analysis and use of language on stage. Study and performance of characters in scenes from Shakespeare and modern realistic and nonrealistic dramas. Lecture and laboratory.

T325 Voice and Speech (3 cr.) Anatomy and functions of vocal mechanism; introduction to phonetics; improvement of student’s voice and diction through exercises and practical work in area of student’s special interest.

T326 Scene Design I (3 cr.) Introduction to the process of scene design, scene designer’s responsibilities, scene problem solving, and exploration of visual materials and forms.

T335 Stage Lighting (3 cr.) P: T225. Introduction to theories, methodologies, and skills; instruments and their use, control of light, practical application. Lecture and laboratory.

T340 Directing I (3 cr.) P: T120. Introduction to theories, methodology, and skills: play analysis, work with actors, basic elements of stage composition.

T349 Speech and Theatre Practicum (cr. arr., max. 2 cr. per sem. for a total of 6 cr.) Practicum credit for students participating responsibly in a performance capacity is available by special arrangement with the instructor/director as casting decisions are confirmed.

T385 Theatre Laboratory (cr. arr., max. 2 cr. per sem.) P: T225, T424, T425, or consent of instructor. Practicum credit for students participating responsibly in production capacities is available by special arrangement with the instructor with current IUS theatre productions serving as the core of study. Students will engage in script analysis, comparison, detailed research, and production planning as required and then actual implementation of plans in a specific key area (e.g., set design or construction, costumes, lighting, promotion, etc.) contracted on an individual basis with the instructor.

T390 Creative Work in Summer Theatre (1-3 cr.) P: Consent of director. Work in summer theatre productions. May be repeated once for credit.

T410 Movement for the Theatre (3 cr.) P: T120. Introduction to theories, methodologies, and skills in developing a flexible, relaxed, controlled body for the theatre. Emphasis on relaxing body tensions, alignment, eye training, tumbling, and stage combat.

T424 Stagecraft II (3 cr.) P: T225 or consent of instructor. Using theatrical drafting as a vehicle, special techniques, new materials and techniques, and problems of construction are explored. Continued exploration of production duties is included.

T445 Creative Dramatics (3 cr.) Storytelling, pantomime, and improvisation as tools of learning. Especially recommended for teachers and recreation leaders.
T453 Playwriting I (3 cr.) P: Consent of instructor. Introduction to theories, methodology, and skills: principles of dramatic structure, practice in writing. Conferences and class evaluation.

T483 Topics in Theatre and Drama (1-3 cr.) Studies in special topics not ordinarily covered in other departmental courses. May be repeated once for credit if topic differs.

T490 Independent Study in Theatre and Drama (1-6 cr.) P: 12 credit hours in theatre and drama, departmental grade average of B or above, consent of instructor required. Readings, reports, experiments, or projects in area of student’s special interest.

The theatre program mounts productions each semester.
School of Business

Hillside Hall 214
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Fax: (812) 941-2672
Web Site: [www.ius.edu/Business/]

Professors  Altmann, E. Little, Meredith, Rakich, Schansberg, Tipgos, Wheat

Associate Professors  Alse, Barney, Bjornson, Dufrene (Dean), Ernstberger, R. French, Kalmey, Keefe, Pittman, Ramsey, Wadsworth, Wong

Assistant Professors  Ash, Christiansen, Faulk, White

Lecturers  Beckman, Griffith

Adjunct Assistant Professors  W. Jones, Taurman

Adjunct Lecturers  Adams, D. Andrews, M. Bauer, Belak, Crabb, Head, Hoish, S. Holman, Hurst, Hutton, Illingworth, Kanis, Kanning, Kushman, Lanning, Limeberry, Merrell, Rausch, Rogers, Schmidt, Shourds, Steiden, Swartz

Mission
“Quality education for a lifetime of achievement.”

Accomplished by:
1. Providing a supportive learning environment and service-oriented atmosphere that enable students and organizations to achieve their potential.
2. Providing superior professional business and economics education to traditional and nontraditional students and organizations by offering high quality and fully accredited undergraduate and graduate degree programs.
3. Continuously enhancing instructional effectiveness and faculty’s intellectual capital.
4. Contributing to the advancement of knowledge through applied research and other scholarly activity.
5. Enriching the community through professional activities and service.
6. Offering management development programs that meet the needs of organizations in the community.
Scholarships and Awards
Each year the School of Business awards the following scholarships and awards to students. Contact the School of Business Office for more information.

Accounting Club Scholarship
AMA Outstanding Student Award
American Society of Women Accountants Scholarship
APICS Falls City Chapter Resource Management Scholarship
Beta Gamma Sigma National Business Honorary Society Scholarship
Business and Economics Alumni Scholarships
Business and Economics Alumni Association Scholarship
Community Bank Scholarship
Discount Labels, Inc. Scholarship
Drew and Christy Callahan Pfeifer Scholarship
Fay Greckel Scholarship
Financial Executives Institute Award
Finance Club Scholarship
George M. Hand Scholarship
Hand Family Outstanding Senior Award
IMA Award
Indiana CPA Society Award
Jay & Mona Brodsky Scholarship
Jennings Award for Outstanding Scholarship in Accounting
John P. Briscoe Scholarship
Kentucky Treasury Management Association Scholarship
Marianne V. Felton Scholarship for Economics
McCauley Nicolas & Company CPA Scholarship
Melheiser Endris Tucker CPA’s Scholarship
Monroe Shine & Company, Inc. Scholarship
National City Bank Senior Finance Major Award
Northwestern Mutual Life Scholarship
Outstanding MBA Student
Outstanding Graduates
PQ Scholarship
Robert & Arlene Rakich Family Charitable Foundation Scholarship/Research Fund
Wall Street Journal Student Achievement Award
William H. Riggs Scholarship

Academic Programs

Master of Business Administration degree (M.B.A.)
Master of Science in Accounting degree (M.S.A.)
Bachelor of Science in Business (B.S.) with concentrations in Accounting, Business Economics and Public Policy, Finance, Information and Operations Management, Management, and Marketing
Bachelor of Arts in Economics (B.A.)
Associate of Science in Business (A.S.) with emphasis in Business or Accounting
Associate of Arts in Economics (A.A.)

Minors in Business for nonbusiness majors include Economics and Business


Student Clubs and Activities
Students are encouraged to supplement their course work with preprofessional activities such as internships offered through the Office of Career Services and Placement, and membership in professionally oriented clubs such as the School of Business Student Association, the Accounting Club, the Finance Club, the Society for Human Resources Management and the Marketing Club.

The IUS School of Business is one of only 383 business schools with a chapter of Beta Gamma Sigma, the international honor society for business majors. Membership in this prestigious honor society is by nomination of the faculty.

Policies
Candidates for the Bachelor of Science in Business degree and the Associate of Science in Business degree should review “General Requirements for All Degrees at IUS,” found in the “Academic Programs” section of this bulletin. While each student is responsible for his or her own progress toward a degree, the faculty and academic advisor for the School of Business are available for advice concerning courses, requirements, and the curriculum best suited to the student’s goals. To ensure the quality of the student’s educational experience, the following policies are in place:

1. The student must successfully complete a minimum of 124 credit hours for the bachelor’s degree and 63 credit hours for the associate degree with a minimum overall grade point
average of at least 2.0 (not including developmental courses such as English W030 and W100, Education X150, and Mathematics M006 and M007).

2. Students are admitted to the School of Business with a minimum overall grade point average of 2.0 and a minimum grade point average of 2.3 in English W131 (course minimum “C”) or W231 and two of the following courses; Economics E107 or E108 or Business A201.

3. For the bachelor’s degree, 45 of the 124 credit hours must be at the 300 to 400 level (including business core, concentration, general-education, and elective courses).

4. An overall grade point average of 2.0 is required in business and economics courses.

5. The last 30 credit hours toward a bachelor’s degree must be taken at IUS and the last 15 credit hours for an associate degree must be taken at IUS.

6. In general, for a course to count toward a business degree, a minimum grade of C– is required unless otherwise noted.

7. A student may attempt completion of a Business and Economics course three times, excluding withdrawals. If after three attempts the course is not successfully completed (C- or better), the student must change degree goals.

8. Students who drop out of the university for longer than one year will automatically move to the most recent course requirements on resuming their studies.

9. At least half of all required business courses must be taken at IUS. This rule applies to all students including those earning a second degree.

10. Students must apply for their degree in the School of Business Office (Hillside Hall 214) six months before graduation.

11. Credit by examination may be earned in COAS W100 Introduction to Business, BUS A201-A202 Introduction to Accounting I-II, ECON E107 Introduction to Macroeconomics, ECON E108 Introduction to Microeconomics, or BUS L201 Legal Environment of Business. Contact the Student Development Center, Knobview Hall 235, or phone (812) 941-2312 for information about these examinations.

12. **Academic Advising:** Beginning business students are advised in the University Division and are encouraged to take courses in both the general-education area and the appropriate business core courses. Once admitted to the School of Business, students are encouraged to meet regularly with an academic advisor or faculty member to discuss career and academic issues.

13. Students completing internships for credit earn pass or fail grades only.

**Bachelor of Science in Business**

This degree includes:

- General Education courses
- Business and Economics Core courses
- Concentration courses

The following example four-year program uses a 21 credit hour concentration.

**Sample Four-Year Program**

**First Year**

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COAS W100 Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>ECON E107 Introduction to Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ENG W131 Elementary Composition I</td>
<td>3</td>
</tr>
<tr>
<td>MATH M122 College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>PSY P101 Introductory Psychology I</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total credits</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

**Second Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI C106 Computers and Their Use</td>
<td>3</td>
</tr>
<tr>
<td>ECON E108 Introduction to Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ENG W231 Professional Writing Skills</td>
<td>3</td>
</tr>
<tr>
<td>MATH M119 Brief Survey of Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>SOC S163 Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>BUS X220 Business Career Perspectives</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total credits</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**Second Year**

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS A201 Introduction to Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BUS L201 Legal Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>ECON E280 Applied Statistics for Business and Economics II</td>
<td>3</td>
</tr>
<tr>
<td>SPCH S121 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Diversity course</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total credits</strong></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>Course</td>
<td>Credits</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>BUS A202 Introduction to Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECON E281 Applied Statistics for Business and Economics II</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science course and laboratory</td>
<td>5</td>
</tr>
<tr>
<td>Arts, Humanities, and History course</td>
<td>3</td>
</tr>
<tr>
<td>Social Science course</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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</table>

**Third Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BUS F301 Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS K321 Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>BUS M301 Introduction to Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>Arts, Humanities, and History course</td>
<td>3</td>
</tr>
<tr>
<td>Concentration course</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BUS P301 Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS Z302 Managing and Behavior in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>General-education elective course</td>
<td>3</td>
</tr>
<tr>
<td>Concentration course</td>
<td>3</td>
</tr>
<tr>
<td>Concentration course</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
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</tr>
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**Fourth Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS X410 Business Career Planning and Placement</td>
<td>1</td>
</tr>
<tr>
<td>Concentration course</td>
<td>3</td>
</tr>
<tr>
<td>Concentration course</td>
<td>3</td>
</tr>
<tr>
<td>General-education elective course</td>
<td>3</td>
</tr>
<tr>
<td>Free elective course or internship</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>13</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS J401 Administrative Policy</td>
<td>3</td>
</tr>
<tr>
<td>Arts, Humanities, and History course</td>
<td>3</td>
</tr>
<tr>
<td>Concentration course</td>
<td>3</td>
</tr>
<tr>
<td>Concentration course</td>
<td>3</td>
</tr>
<tr>
<td>Free elective course or internship</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>15</td>
</tr>
</tbody>
</table>

**The Business and Economics Core**

Students should complete the following general-education courses early in their academic career:

- ENG W131 Elementary Composition I
- MATH M119 Brief Survey of Calculus I
- CSCI C106 Introduction to Computers and Their Use
- SOC S163 Social Problems
- PSY P101 Introductory Psychology I
- SPCH S121 Public Speaking

To avoid scheduling problems, students should always consult the IUS Bulletin before registering to be sure they have met prerequisite course requirements.

- BUS A201 Introduction to Financial Accounting
- BUS A202 Introduction to Managerial Accounting
- BUS F301 Financial Management
- BUS J401 Administrative Policy
- BUS K321 Management Information Systems
- BUS L201 Legal Environment of Business
- BUS M301 Introduction to Marketing Management
- BUS P301 Operations Management
- BUS X220 Career Perspectives
- BUS X410 Business Career Planning and Placement
- BUS Z302 Managing and Behavior in Organizations
- ECON E107 Introduction to Macroeconomics
- ECON E108 Introduction to Microeconomics
- ECON E280 Applied Statistics for Business and Economics I
- ECON E281 Applied Statistics for Business and Economics II

Typically, all business and economics core courses are offered each semester during the academic year and during at least one of the two summer sessions. The business school makes every attempt to offer both day and night sections of required core courses during the regular academic year.

**The General-Education Component**

The general-education component is intended to foster a well-rounded education. When taken with Economics E107 and E108, these courses constitute much of the first 30 credit hours and make up a significant portion of the rest of the student’s education.

**Communication**, 9 credit hours
- ENG W131 Elementary Composition I
- ENG W231 Professional Writing Skills
- SPCH S121 Public Speaking

**Behavioral Sciences**, 6 credit hours
- PSY P101 Introductory Psychology I
- SOC S163 Social Problems

**Mathematics**, a minimum of 3 credit hours
- MATH M119 Brief Survey of Calculus I (P: MATH M122 College Algebra), or
- MATH M215 Analytical Geometry and Calculus I
Computer Science, 3 credit hours
CSCI C106 Introduction to Computers and Their Use or 3 credit hours of CSCI C100 Computing Tools

Arts, Humanities, and History, 9 credit hours from:
CMLT Any comparative literature course
ENG Any English literature course from L100 to L495
FINA Any fine arts A course or H100 Art Appreciation
HIST Any history course
HUMA Any general humanities course
MUS Music courses from M100 to M499 or E241
PHIL Any philosophy course
REL Any religion course
THTR Theatre courses from T105 Appreciation of Theatre, T270-T271 Introduction to History of the Theatre

Any foreign language beyond the 100 level

Social Sciences, 3 credit hours from:
ANTH Any anthropology course other than E320
GEOG G110 Human Geography
JOUR Any journalism course
PSY Any psychology course other than P101
POLS Any political science course
SOC Any sociology course other than S163
SPEA Any criminal justice course
SPEA Any public and environmental affairs course except SPEA E162

Diversity, 3 credit hours from the Bachelor of Arts approved list of Cultural Diversity courses

Natural Sciences, any 5 or 6 credit hours from:
ANAT Any anatomy course
AST Any astronomy course
BIOL Any biology course
CHEM Any chemistry course
GEOG Any geography course other than GEOG G110
GEOL Any geology course
PLSC Any plant science course
PHSL Any physiology course
PHYS Any physics course
SPEA E162 Environment and People
ZOOL Any zoology course

Other General-Education Electives
Required and elective general-education courses must reach or exceed 50 credit hours in total. Most students will need 5 or 6 credit hours of general-education electives.

Concentrations
In addition to the general-education component and the business and economics core, students must select and complete a concentration. To complete a double concentration, students must complete all required courses for both concentrations and at least 12 credit hours must be distinct to each.

Accounting Concentration (24 credit hours)
Employment opportunities open to accounting majors include public accounting, private accounting for large and small enterprises, and governmental accounting. Within each of these arenas, accountants may develop specialties such as financial accounting, managerial accounting, tax accounting, auditing, or accounting systems design. Candidates for the CPA exam must have 150 credit hours of college education, including a bachelor’s or higher degree. Students may fulfill this requirement by pursuing a master’s degree or by completing an additional 26 undergraduate credit hours after the bachelor’s degree. Indiana University Southeast offers a 30 credit hour Master of Science in Accounting. An optional accounting track is available within the 36 credit hour Master of Business Administration degree at IUS. Students wishing to pursue an additional 26 credit hours other than through a master’s degree will be counseled toward appropriate classes. Students who do not plan to sit for the CPA exam may elect a managerial accounting emphasis. Electing this undergraduate emphasis does not preclude ultimately completing the 150 credit hour requirement.

The course requirements for students planning a career in accounting are as follows:

A. Required courses (18 credit hours)
   BUS A311 Intermediate Accounting I
   BUS A312 Intermediate Accounting II
   BUS A325 Cost Accounting
   BUS A328 Taxation of Individuals
   BUS A337 Computer-Based Accounting Systems
   BUS A424 Auditing

B. Elective courses (6 credit hours)
For students planning to pursue 150 credit hours and take the CPA examination, select 6 credit hours from:
   BUS A339 Advanced Taxation (3 cr.)
   BUS A410 International Accounting (1.5 cr.)

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For students planning a career in corporate accounting and not planning to take the CPA examination after graduation, select 6 credit hours of other 300-400-level courses in business. These students are encouraged to select Advanced Accounting (A437) as one of the courses to fulfill this requirement.

When two sections of a course are offered, one section is offered during the day and one at night. If only a single section is offered, it is generally offered at night. Planned scheduling, subject to changing resources and conditions, is as follows: two sections of A311 in the fall and one in the spring, two sections of A337 in the spring, one section of A312 in the spring and one in the fall, two sections of A325 in the spring and one in the summer, two sections of A328 in the fall and one in the spring, one section of A424 in the fall and one in the spring, L303 to be offered fall and spring, A339 in spring and summer, other accounting electives to be offered once a year.

Business Economics and Public Policy Concentration (21 credit hours)

Probably more than any other factor, it is the relevance of economics that initially attracts students. Few, if any disciplines are equal to economics in preparing one to be an interested, interesting, and competent observer of current events. This is because economics is a social science that develops models for organizing facts and thinking effectively. This empowers its students to make well-reasoned decisions—in analyzing personal decisions and business problems and in drawing informed conclusions about public policy—based on a comprehensive analysis of the costs and benefits of alternatives. Because economics is so often connected to governmental policy, students also learn about the legal and political institutions which impact consumers, workers, and businesses.

“But what kind of job can I get?” Most graduates use economics as a stepping stone to other occupations. Economic training is wide-reaching, and thus, career alternatives are relatively well-paid and unusually varied, including business, finance, banking, journalism, and government service. If one is unsure of what major to choose or what career to pursue, economics offers the ability to keep one’s options for the future more flexible.

Moreover, the study of economics is an excellent preparation for graduate school in law, business, and public administration—given that it develops one’s ability to think analytically. Law students list economics and accounting as the undergraduate courses they value most and wish they had taken more often. Those who majored in economics as undergraduates have the highest LSAT scores (Journal of Economic Education, Fall 1998, pp. 377-379). Only engineering topped economics as undergraduate majors who became MBA graduates earning $100,000 in their first year out of graduate school (Business Week, 10/24/94, p. 72).

In a word, economics offers a course of study that is interesting and provocative, beneficial in terms of career options, and useful in understanding the world.

A. Required courses (15 credit hours)
   - ECON E321 Intermediate Microeconomic Theory
   - ECON E322 Intermediate Macroeconomic Theory
   - ECON E323 Urban Economics
   - ECON E340 Labor Economics
   - ECON E350 Money and Banking

B. Elective courses (6 credit hours)
   Select two other 300-400-level courses in business outside of economics

Finance Concentration (21 credit hours)

The finance curriculum at Indiana University Southeast includes studies in the area of corporate finance, investments, international finance, financial institutions and markets. Students are introduced to the major theories and learn the tools utilized by financial professionals to make decisions in today’s dynamic economy. The finance curriculum prepares students for careers in corporate finance, banks, and other financial institutions, investments, and financial services such as financial planning, insurance, and real estate.

A. Required courses (15 credit hours)
   - BUS F302 Financial Decision Making
   - BUS F420 Investments
   - BUS F446 Management of Commercial Banks and Other Financial Institutions
   - BUS F494 International Financial Management
   - ECON E350 Money and Banking

B. Elective courses (6 credit hours)
   Select two other 300-400-level business courses outside of finance.

Students considering a career in corporate finance are encouraged to select their two courses from the following:
BUS A311 Intermediate Accounting I  
BUS A312 Intermediate Accounting II  
BUS A325 Cost Accounting  
BUS A337 Computer-Based Accounting Systems  
BUS A437 Advanced Managerial Accounting

Information and Operations Management Concentration (21 credit hours)
This concentration consists of three related areas of business: (1) Organizations—business processes and people as problem solvers and decision makers; (2) Technology—current information technology and methodologies that enable organizations, and (3) Operations—systems and processes for manufacturing goods and providing services. The integration of Information Systems with Operations Management will uniquely prepare students for the operational challenges of the future.

A. Required courses (15 credit hours)
- BUS K330 Contemporary Topics in Information Technology  
- BUS K335 Telecom/Database Systems  
- BUS K430 E-Business  
- BUS P330 Project Management  
- BUS P430 Total Quality Management

B. Elective courses (6 credit hours)
Select two other 300-400-level business courses outside of Information and Operations Management or any 200 level or above computer science course.

Management Concentration (21 credit hours)
The courses offered in this concentration are concerned not only with the broad aspects of management and organizations, but also with developing skills for dealing with problems of motivation, organization design, and human resource allocations. This concentration provides the flexibility to accommodate students whose interests include the preparation for entry into management training positions, the application of behavioral science to management, the personnel function in both line and staff capacities, and managing the small business.

A. Required courses (15 credit hours)
- BUS D300 International Business  
- BUS W311 Small Business Entrepreneurship  
- BUS W430 Organizations and Organizational Change  
- BUS Z441 Wage and Salary Administration

B. Elective courses (6 credit hours)
Select two other 300-400-level business courses outside of management.

Marketing Concentration (21 credit hours)
Marketing is fundamental to the success of both for-profit and not-for-profit enterprises. Projected to be one of the fastest-growing employment areas into the twenty-first century, marketing entry-level and career progression opportunities lie primarily in the fields of advertising and promotion, distribution management, entrepreneurship, international business, market analysis, marketing research, retail management and sales, and sales management. The marketing concentration at IUS is designed to help the student build a customer-driven orientation combined with the strong analytical, communication, and technical skills necessary to be successful in today’s global economy.

A. Required courses (15 credit hours)
- D300 International Business  
- M303 Marketing Research  
- M405 Buyer Behavior  
- M415 Advertising and Promotion Management  
- M450 Marketing Strategy and Policy

B. Elective courses (6 credit hours)
Select two other 300-400-level business courses outside of marketing.

Typically, D300, M303, M405, M415, and M450 will be offered every semester and will be offered at night at least once each year. When resources are available, two sections of D300, M303, M405, M415, and M450 will be offered; one during the day and one at night. Selected marketing courses may be offered during summer sessions.

Bachelor of Arts in Economics
See “Graduation Requirements for the Bachelor of Arts.”

Note that this degree does not require meeting the requirements of a B.S. in Business.

Probably more than any other factor, it is the relevance of economics which initially attracts students. Few, if any, disciplines are equal to economics in preparing one to be an interested, interesting, and competent observer of current events. This is because economics is a social science that develops models for organizing facts and thinking effectively. This empowers its students to make well-reasoned decisions—in analyzing personal decisions and business problems and in drawing informed conclusions about public policy—based on a
comprehensive analysis of the costs and benefits of alternatives. Because economics is so often connected to government policy, students also learn about the legal and political institutions which impact consumers, workers, and businesses.

“But what kind of job can I get?” Most graduates use economics as a stepping stone to other occupations. Economic training is wide-reaching, and thus, career alternatives are relatively well-paid and unusually varied, including business, finance, banking, journalism, and government service. If one is unsure of what major to choose or what career to pursue, economics offers the ability to keep one’s options for the future more flexible.

Moreover, the study of economics is an excellent preparation for graduate school in law, business, and public administration—given that it develops one’s ability to think analytically. Law students list economics and accounting as the undergraduate courses they value most and wish they had taken more often. Those who majored in economics as undergraduates have the highest LSAT scores (Journal of Economic Education, Fall 1998, pp. 377-379). Only engineering topped economics as undergraduate majors who became MBA graduates earning $100,000 in their first year out of graduate school (Business Week, 10/24/94, p. 72).

In a word, economics offers a course of study that is interesting and provocative, beneficial in terms of career options, and useful in understanding the world.

A. Required courses (27 credit hours)
   ECON E107 Introduction to Macroeconomics
   ECON E108 Introduction to Microeconomics
   ECON E280 Applied Statistics for Business and Economics I
   ECON E281 Applied Statistics for Business and Economics II
   ECON E321 Intermediate Microeconomic Theory
   ECON E322 Intermediate Macroeconomic Theory
   ECON E323 Urban Economics
   ECON E340 Labor Economics
   ECON E350 Money and Banking

B. Elective courses (6 credit hours)
   Select any two courses from the following:
   
   - in the School of Business: A201, A202; F301, F302, F420; M301, M303, M405; L201, L303; D300, P301
   - from outside the School of Business: HIST A353; MATH M215, M216; POLS Y304; SPEA J301

The following courses are recommended for those planning to pursue graduate studies in economics: MATH M215, M216; ECON E470/G450.

The following courses are recommended for those planning to pursue law school: BUS A201, A202; POLS Y304; SPEA J301.

Associate of Arts in Economics
See “Graduation Requirements for the Associate of Arts.”

Required courses:
   ECON E107 Introduction to Macroeconomics
   ECON E108 Introduction to Microeconomics
   ECON E321 Intermediate Microeconomic Theory
   6 additional credit hours of 300-400-level economics courses

Requirements for a Minor in Economics (18 credit hours)
   E107 Introduction to Macroeconomics
   E108 Introduction to Microeconomics
   E321 Intermediate Microeconomic Theory
   9 credit hours of 300-400-level economics courses

Associate of Science in Business Administration
The School of Business offers an associate degree for students who wish to acquire minimal skills that may lead to employment.

General Education Requirements

Communication, 3 credit hours
   ENG W131 Elementary Composition I

Behavioral Sciences, 6 credit hours
   PSY P101 Introductory Psychology I
   SOC S163 Social Problems

Mathematics, 3 credit hours
   MATH M122 College Algebra

Computer Science, 3 credit hours
   CSCI C106 Introduction to Computers and Their Use or CSCI C100, 3 credit hours required

Arts, Humanities, and History, 6 credit hours
   CMLT Any comparative literature course
   ENG Any English literature course from L100 to L495
   FINA Any fine arts A course or H100 Art Appreciation
   HUMA Any general humanities course
   HIST Any history course
   MUS Music courses from M100 to M499 or E241
PHIL Any philosophy course
REL Any religion course
THTR Theatre courses from T105 Appreciation of Theatre, T270-T271 Introduction to History of the Theatre, and T302 Musical Theatre through T400 Arts Management
Any foreign language beyond the 100 level

Social Sciences, 3 credit hours
ANTH Any anthropology course other than E320
JOUR Any journalism course
POLS Any political science course
PSY Any psychology course other than P101
SOC Any sociology course other than S163
SPEA Any criminal justice course
SPEA Any public and environmental affairs course

Diversity, 3 credit hours from the Bachelor of Arts approved list of Cultural Diversity courses

Natural Sciences, 3 credit hours
ANAT Any anatomy course
AST Any astronomy course
Biol Any biology course
CHEM Any chemistry course
GEOG Any geography course other than GEOG G110
GEOL Any geology course
PHSL Any physiology course
PHYS Any physics course
PLSC Any plant science course
SPEA E162 Environment and People
ZOOL Any zoology course

Business and Economics Core requirements (18 credit hours)
Take these courses:
COAS W100 Introduction to Business
ECON E107 Introduction to Macroeconomics (see course prerequisites)
ECON E108 Introduction to Microeconomics (see course prerequisites)
BUS A201 Introduction to Financial Accounting
BUS A202 Introduction to Managerial Accounting
BUS L201 Legal Environment of Business

Select one from:
BUS M325 Selling
ECON E280 Applied Statistics for Business and Economics I (P: M122 or M125)

Select one from:
BUS or ECON at the 300 level

For an emphasis in accounting, take these courses:
COAS W100 Introduction to Business
ECON E107 Introduction to Macroeconomics (see course prerequisites)
ECON E108 Introduction to Microeconomics (see course prerequisites)
BUS A201 Introduction to Financial Accounting
BUS A202 Introduction to Managerial Accounting
BUS L201 Legal Environment of Business
BUS F260 Personal Finance

Select two courses from:
BUS A311 Intermediate Accounting Theory I
BUS A312 Intermediate Accounting Theory II
BUS A325 Cost Accounting
BUS A328 Taxation of Individuals
BUS A335 Fund Accounting
BUS A339 Advanced Taxation

Students must consult a School of Business academic advisor before enrolling in electives. Students pursuing the B.S. in Business after completing the A.S. should select ECON E280 for elective 1 and BUS F301, M301, or Z301 for elective 2. Failure to do so may delay completion of the B.S. program.

Requirements for a Minor in Business Required Courses (24 credit hours)
COAS W100 Introduction to Business
ECON E107 Introduction to Macroeconomics or E108 Introduction to Microeconomics
BUS A201 Introduction to Financial Accounting
BUS F301 Financial Management
BUS M301 Introduction to Marketing or M300 Marketing for Non-Business Majors

3 credit hours in statistics (ECON E280 recommended)

6 credit hours from the list below:
BUS D300 International Business Administration
BUS K321 Management Information Systems
BUS L201 Legal Environment of Business
BUS P301 Operations Management
BUS W311 Small Business Entrepreneurship
BUS Z302 Managing and Behavior in Organizations
Post-Baccalaureate Certificate for Business Professionals

Working professionals have an opportunity to pursue life-long learning opportunities through the post-baccalaureate certificate program. The program is designed for professionals with business degrees employed outside their academic major and professionals with degrees in arts and sciences. Certificates are available in Accounting, Economics, Finance, General Business, Information and Operations Management, Management and Marketing. Contact the School of Business Office for more information.

Master of Science in Accounting

Indiana University Southeast provides a Master of Science in Accounting (M.S.A.) degree program for students interested in pursuing postgraduate education in the field of accounting. The plan of study ensures that students are well versed in the technical aspects of their chosen specialty but also emphasizes the new technical skills that are required to become true leaders in industry and government. For additional information contact the Office for Graduate Business Programs:

    Hillside Hall 117
    Phone: (812) 941-2364
    Fax: (812) 941-2581

Master of Business Administration Program

Indiana University Southeast provides a Master of Business Administration (M.B.A.) degree program for students interested in continuing their postgraduate education in the field of business. The M.B.A. program is primarily for persons employed in professional positions who seek to pursue an M.B.A. degree on a part-time basis.

The goals of the graduate business program are to increase the business professional’s breadth of knowledge, to enhance the individual’s ability to analyze business alternatives more thoroughly, and ultimately to enable that person to have a more productive career. These goals are achieved through a variety of activities that prepare students for accepting challenging and responsible positions in the business community.

For additional information, contact the M.B.A. Office:

    Hillside Hall 117
    Phone: (812) 941-2364
    Fax: (812) 941-2581

Team projects are assigned in many courses.
Courses
Business (BUS)

Accounting, Finance, and Business Law

A201 Introduction to Financial Accounting (3 cr.) P: 12 credit hours and a GPA of at least 2.0. Concepts and issues of financial reporting for business entities; analysis and recording of economic transactions. Fall Sem., Spring Sem., Summer.

A202 Introduction to Managerial Accounting (3 cr.) P: A201. Concepts and issues of management accounting; budgeting; cost determination and analysis. Fall Sem., Spring Sem., Summer.


A325 Cost Accounting (3 cr.) P: A202. Conceptual and technical aspects of management and cost accounting; product costing, cost control over projects and products; profit planning. Spring Sem., Summer.

A328 Taxation of Individuals (3 cr.) P: A201. Internal Revenue Code and Regulations. Emphasis on income, exclusions from income, deductions, and credits. Use of tax forms in practical problem situations. Fall Sem., Spring Sem.


A410 International Accounting (1.5 cr.) P: A311. In-depth study of harmonization of standards, the standards issued by international bodies, particularly the IFAC and IASC; differences in accounting principles between countries as influenced by culture and tradition; the impact of these matters in the socioeconomic philosophies of these countries. Summer.

A412 Consolidations (1.5 cr.) P: A312. Generally accepted accounting principles as applied to business combinations, segments, estates and trusts. Spring Sem.

A413 Governmental and Not-for-Profit Accounting (1.5 cr.) P: A311. Financial management and accounting for non-profit seeking entities; state, municipal, and federal governments, schools, hospitals, and philanthropic entities. Includes study of GAAP for these entities promulgated by the FASB and GASB. Summer.

A424 Auditing (3 cr.) P: A312 or concurrently with A312. Provides an understanding of the audit environment and public expectations of an audit, risk analysis in conducting the audit, internal control and the quality control procedures of public accounting organizations. The course also includes coverage of the code of professional conduct, the legal liabilities of CPAs, the auditing and attestation standards, statistical sampling in auditing, audit of operation cycles in a computerized environment and the auditor’s report. Fall Sem., Spring Sem.

A428 State and Local Taxation (1.5 cr.) P: A328. Principles of state and local taxation with an emphasis on Indiana and Kentucky regulations. Spring Sem.

A437 Advanced Managerial Accounting (3 cr.) P: A325. Deals with the need to adapt traditional costing and cost analysis methods as changes take place in the new business environment characterized by flexible manufacturing, JIT, automation, and international competition. Strategic focus; writing-intensive. Fall Sem.

A490 Independent Study in Accounting (cr. arr.) P: Consent of instructor. Students choose one of two options in completing this course: (1) Supervised individual study and research work. Students will propose the investigation desired and, in conjunction with the instructor, develop the scope of work to be completed. (2) Supervised internship, application filed through Career Services and Placement Office; provides work experience in cooperating firms or agencies. Reporting requirements will be established by instructor. Pass/Fail grade only for internships.
F260 Personal Finance (3 cr.) Financial problems encountered in managing individual affairs; family budgeting, use of credit, insurance, home ownership, investing in securities, retirement and estate planning. Fall Sem., Spring Sem., Summer.

F301 Financial Management (3 cr.) P: A201, CSCI C106 or C100, and junior standing. Corporate finance emphasizing investment, dividend, and financing decisions. Topics include analysis of financial statements, risk and rates of return, discounted cash flow analysis, stock and bond valuation, capital budgeting, cost of capital, capital structure, dividend policy, short-term financial management. Fall Sem., Spring Sem., Summer.


F420 Equity and Fixed Income Investments (3 cr.) P: F301. Individual investment policy and strategy, security analysis and portfolio management, investment performance, measurement tools, basic and derivative securities used in the investment process, survey of ethics in the investment profession, and experience in trading practices through simulation. Spring Sem., Summer.

F446 Management of Commercial Banks and Other Financial Institutions (3 cr.) P: F301. Management policies and decisions including asset, liability, and capital management within the legal, competitive, and economic environment. Fall Sem.

F490 Independent Study in Finance (cr. arr.) P: Consent of instructor. Students choose one of two options in completing this course: (1) Supervised individual study and research work. The student will propose the investigation desired and, in conjunction with the instructor, develop the scope of work to be completed. (2) Supervised internship, application filed through Career Services and Placement Office; provides work experience in cooperating firms or agencies. Both options require written report. Pass/Fail grade only for internships.


L201 Legal Environment of Business (3 cr.) Examines the nature and functions of law as related to business. Specific areas covered include contracts, tort, corporate employment, international, product liability, property, securities and antitrust. Fall Sem., Spring Sem., Summer.

L303 Commercial Law II (3 cr.) P: L201. Law of real and personal property. Legal problems encountered in marketing goods, including sale of goods, securing credit granted, nature and use of negotiable instruments. Fall Sem., Spring Sem.

Information and Operations Management

K321 Management Information Systems (3 cr.) P: ECON E280 and junior class standing. Introduction to Management Information Systems (MIS) including the key building blocks of information systems, namely, hardware, software, telecommunications including the internet/intranet/extranet, and databases and DBMS. The focus of this course is on using and managing information technologies to derive business value. Fall Sem., Spring Sem., Summer.

K330 Contemporary Topics in Information Technology (3 cr.) P: K321. Focuses on key information technology issues that exist in the business world that must be managed, dealt with, and resolved. Such issues include running IS like a business, technology leadership and partnership, outsourcing, IS resources and staffing, client server systems management, telecommunications, and the IT infrastructure to support business initiatives.

K335 Telecom/Database Systems (3 cr.) P: K321. Focuses on two key technologies being leveraged by businesses: telecommunications and database management systems (DBMS). Designed to improve the understanding of these technologies as well as how to best implement and manage such systems. Topics include: networks, internet/intranets/extranets, design of databases, DBMS, key principles and issues associated with data management.

K430 E-Business (3 cr.) P: Junior standing and at least one of F301, K321, M301, or P301. Includes an historical perspective of e-business as well as emerging principles. Focuses on two primary aspects of e-business: marketing and supply chain management. Teams of students conduct research into the impact of e-business on their functional area. The interrelated topics of business ethics and privacy are presented and discussed.
P301 Operations Management (3 cr.) P: ECON E281 and junior standing. Production and its relationship to marketing, finance, accounting, and human resource functions are described. Forecasting demand, aggregate planning, master scheduling, capacity planning, and material planning provide the basis for linking strategic operations plans. Other topics include facilities design, performance measurement, productivity improvement, quality control, JIT, TOC, and project management. Fall Sem., Spring Sem., Summer.

P330 Project Management (3 cr.) P: P301. This course will introduce the student to the full range of project management topics, concerns, problems, solution methods, and decision processes. These areas include: project selection, project organizational structures, negotiation, project planning, project scheduling and resource loading, project budgeting, project monitoring and control, project auditing, and project termination.

P430 Total Quality Management (3 cr.) P: P301. Introduces students to concepts of total quality management. Methods and application of quality control techniques commonly used in manufacturing and service organizations are presented. Research and theory relevant to quality concepts such as the economics and measurement of quality, the evolution of total quality management, team building and employee empowerment, vendor relations, elementary reliability theory, customer relations and feedback, quality assurance systems, statistical quality control, preventive maintenance programs, and product safety and liability are discussed.

P490 Independent Study in Production Management and Industrial Engineering (cr. arr.) P: Consent of instructor. For production majors with a career interest in some area of production other than industrial engineering. Literature in student’s special field of interest. Written report required.

Management

J401 Administrative Policy (3 cr.) P: Senior standing, F301, K321, M301, P301, and Z302. Administration of business organizations; policy formulation, organization, methods, and executive control. Should be taken in final semester. Fall Sem., Spring Sem., Summer.

J490 Independent Study in Personnel Management and Organizational Behavior (cr. arr.) P: Consent of instructor. Written report required.

W100 Business Administration: Introduction (3 cr.) Business administration from the standpoint of the manager of a business firm operating in the contemporary economic, political and social environment. No credit for juniors and seniors in the B.S. in Business programs. Fall Sem., Spring Sem., Summer.

W211 Contemporary Entrepreneurship (3 cr.) The study of creative risk-taking that results in the creation of new opportunities for people and organizations.

W311 Small Business Entrepreneurship (3 cr.) P: Junior standing. Primarily for those interested in creating a new business venture or acquiring an existing business. Covers such areas as choice of a legal firm, problems of a closely held firm, sources of funds, preparation of a business plan, and negotiating.

W430 Organizations and Organizational Change (3 cr.) P: Z302. Analysis and development of organizational theories with emphasis on environmental dependencies, socio-technical systems, structural design, and control of the performance of complex systems. Issues in organizational change, such as appropriateness of intervention strategies and techniques, barriers to change, organizational analysis, and evaluation of formal change programs.

W490 Independent Study in Business Administration (cr. arr.) P: Consent of instructor. Supervised individual study and research in student’s special field of interest. Students will propose the research topic desired and, in conjunction with the instructor, develop the scope of work to be completed. Written report required.

X220 Career Perspectives (1 cr.) Assists students in developing career goals. Academic planning, career exploration, and planning in the fields of business and economics. (Students currently working in a professional position may substitute a 300/400 business course for X220 and X410. Contact the undergraduate advisor). Fall Sem., Spring Sem.

X410 Business Career Planning and Placement (1 cr.) Assists students in obtaining positions consistent with career goals. Career planning, organized employment campaign, job-application methods, interview, initial conduct on job. Although this course is offered each regular academic semester, seniors should enroll in the first semester of their senior year. Accounting students especially should enroll in the fall term to take advantage of on-campus recruiting activity. Also open to second-semester juniors and seniors of other schools. (Students currently working in a professional position may substitute a 300/400 business course for X220 and X410. Contact the undergraduate advisor). Fall Sem., Spring Sem.
**Z302 Managing and Behavior in Organizations (3 cr.)** P: Junior standing. Integration of behavior and organizational theories. Application of concepts and theories toward improving individual, group, and organizational performance. Builds from a behavioral foundation toward an understanding of managerial processes. Fall Sem., Spring Sem., Summer.


**Z441 Wage and Salary Administration (3 cr.)** P: Z302. Survey of problems faced by modern managers of compensation systems. In-depth look at the roles of company, government, union, and employee in the design and administration of total compensation systems. A description of the type of wage and salary systems currently in use, their advantages and disadvantages, and extent of current use.

**Marketing and International Business**

**D300 International Business Administration (3 cr.)** P: ECON E107-E108 and junior standing. Foreign environment for overseas operations; U.S. government policies and programs for international business; international economic policies; and management decisions and their implementation in international marketing, management, and finance. Fall Sem., Spring Sem.

**D490 Independent Study in International Business (cr. arr.)** P: Consent of instructor. Students choose two options in completing this course: a supervised internship experience (application filed through Career Services and Placement) or individual study or research work. Reporting requirements will be established by the instructor. Pass/Fail grades only for internships.

**M300 Introduction to Marketing (3 cr.)** Examination of the U.S. market economy and marketing institutions. Decision making and planning from a manager’s point of view; impact of marketing actions from a consumer’s point of view. **Note:** No credit toward a degree in business.

**M301 Introduction to Marketing Management (3 cr.)** P: A201, ECON E107-E108, E280, and junior standing. R: A202, CSCI C100 or C106; PSYP101; SOC S163. Overview of marketing for all undergraduates. Marketing planning and decision making examined from firm’s point of view; marketing concept and its company-wide implications; integration of marketing with other functions. Market structure and behavior and their relationship to marketing strategy. Marketing system viewed in terms of both public and private policy in a pluralistic society. Fall Sem., Spring Sem., Summer.

**M303 Marketing Research (3 cr.)** P: M301 and ECON E280. Focuses on the role of research in marketing decision making. Topics include research ethics, problem formulation, research design, data collection procedures, design of data collection forms, sampling issues, data analysis, and the interpretation of results.

**M405 Buyer Behavior (3 cr.)** P: M301. Buyer behavior relevant to marketing decisions. Logic of marketing segmentation, recognizing customer heterogeneity. Buyer behavior analyzed in terms of decision-making process and models of individual and aggregate behavior. Specific attention given to consumer behavior in retail markets and to procurement behavior in industrial markets. Fall Sem., Spring Sem.

**M415 Advertising and Promotion Management (3 cr.)** P: M301 or consent of instructor. Basic advertising and sales-promotion concepts. The design, management, and integration of a firm’s promotional strategy. Public policy aspects and the role of advertising in marketing communications in different cultures. Fall Sem., Spring Sem.

**M450 Marketing Strategy and Policy (3 cr.)** P: M301, M303, M405, and senior standing. Ideally taken in student’s final semester. Capstone course for marketing majors. Draws on and integrates materials previously taken. Focuses on decision problems in marketing strategy and policy design and application of analytical tools for marketing and decision making. Fall Sem., Spring Sem.

**M490 Special Studies in Marketing (cr. arr.)** P: Consent of instructor. Supervised individual study and research work.
Economics (ECON)

E100 Current Economic Topics (3 cr.) P: For students with less than 12 credit hours, full admission status; for students with 12 or more credit hours, GPA of 2.34 or above OR junior standing OR adequate performance in a mathematics course (B in M007/T101; or C in M117/T102/T103; or D in M118 or higher). Combined course in macroeconomics and microeconomics for non-majors. Explains macroeconomic issues such as economic growth and the benefits and costs of government activism in trying to regulate the business cycle. Explains microeconomic topics such as demand/supply and market structures. May also cover a variety of applied topics such as labor markets and international issues. The course is meant to be less technical than E107-E108 and will cover a broad survey of E107-E108 topics. Credit is not given for E100 and E107 or E108; E100 is not a substitute for either E107 or E108. Thus, students who plan to take two economics courses should not take E100—for example, those who major or minor in business or economics; those who major in computer science and choose the “Information Systems Option”; and those who plan to be secondary social studies education majors with a primary or support in economics.

E107 Introduction to Macroeconomics (3 cr.) P: For students with less than 12 credit hours, full admission status; for students with 12 or more credit hours, GPA of 2.34 or above OR junior standing OR adequate performance in a mathematics course (B in M007/T101; or C in M117/T102/T103; or D in M118 or higher). Measuring and explaining aggregate economic performance—inflation, unemployment, economic growth, international issues. Studying the benefits and costs of government activism—through monetary policy and fiscal policy—in trying to regulate the business cycle. Fall Sem., Spring Sem., Summer.

E108 Introduction to Microeconomics (3 cr.) P: For students with less than 12 credit hours, full admission status; for students with 12 or more credit hours, GPA of 2.34 or above OR junior standing OR adequate performance in a mathematics course (B in M007/T101; or C in M117/T102/T103; or D in M118 or higher). Explaining behavior in economic and political markets. Topics include scarcity, opportunity cost, demand and supply, competitive and noncompetitive market structures. Individual sections also study a variety of current economic policy topics, including poverty, labor markets, the environment, education, and health care. Fall Sem., Spring Sem., Summer.

E280 Applied Statistics for Business and Economics I (3 cr.) P: MATH M122 or equivalent placement. Summary measures of central tendency and variability. Basic concepts in probability and important probability distributions. Sampling, and sampling distributions and basic estimation concepts. Statistical software required. Fall Sem., Spring Sem., Summer.

E281 Applied Statistics for Business and Economics II (3 cr.) P: E280 and MATH M119 (M119 may be taken concurrently if student earned a grade of B in MATH M122). Balanced coverage of statistical concepts and methods, along with practical advice on their effective application to real-world problems. Topics include simple linear regression, multiple linear regression, and analysis of variance. Use of statistical software required. Fall Sem., Spring Sem., Summer.

E321 Intermediate Microeconomic Theory (3 cr.) P: E107-E108. Consumer and producer theory; pricing under conditions of competition and monopoly; allocation and pricing of resources; partial and general equilibrium theory and welfare economics.


E323 Urban Economics (3 cr.) P: E107-E108. Introduction to basic concepts and techniques of urban economic analysis to facilitate understanding of urban problems; urban growth and structure, poverty, housing, transportation, and public provision of urban services. Spring Sem.

E340 Labor Economics (3 cr.) P: E107-E108. Economic analysis of labor markets, including market structure and labor market policies. Topics include minimum wage, mandated benefits, labor unions, discrimination, welfare policy.

E350 Money and Banking (3 cr.) P: E107-E108. Monetary and banking system of the U.S.; problems of money and prices, of proper organization and functioning of commercial banking and Federal Reserve systems, of monetary standards, and of credit control; recent monetary and banking trends. Fall Sem., Summer.
Division of Continuing Studies

General Studies Programs
General studies degree programs offer both associate and bachelor’s degrees. Because of their flexibility, the programs are especially popular with nontraditional students. The course work consists of a minimum number of credit hours in each of three areas—arts and letters, natural sciences, and social sciences—plus a wide range of electives. In addition, students are required to complete English W131 or its equivalent with a grade of C or higher, the research writing requirement, a speech course, a computer course (3 credit hours), and a mathematics course at the level of M117 Intermediate Algebra or higher. Degree requirements may be completed in a variety of ways, allowing students to design a program of study tailored to their individual needs. The program accepts accredited course work earned through several methods:
1. regular courses taken at an Indiana University campus or another accredited institution
2. independent study by correspondence
3. credit by examination
4. military service credit
5. self-acquired competency credit

Because the general studies degree program is currently under revision, degree requirements will change during the life of this bulletin. Students should maintain close contact with the general studies counselor to keep abreast of these changes.

Admission Requirements
The general studies degree programs are open to all qualified high school graduates or individuals with the General Educational Development (GED) certificate. In the absence of a high school diploma or the GED certificate, adults over 21 years of age may be given “provisional admission.” After they have demonstrated the ability to pursue college-level course work by successfully completing 12 credit hours, they may apply for admission as regular students.
Admission Procedures
1. All applicants must complete the application form. Citizens of other countries, including those in the United States on immigration visas, must also complete the International Application for Admission form in addition to the regular application form. The International Application for Admission form is available from the Office of Admissions, Indiana University, 300 N. Jordan Avenue, Bloomington, Indiana 47405-7700; phone (812) 855-4306. All forms should be sent to the director of the Division of Continuing Studies, Indiana University Southeast.

2. If applicants have previously attended a college or university, they should direct that institution to forward a transcript to Office of Admissions, Indiana University Southeast, University Center 100, 4201 Grant Line Road, New Albany, Indiana 47150.

3. Students who wish to transfer from another academic unit must first make an appointment with the general studies counselor. Students must then complete an application transfer form for approval by the General Studies Committee. Students will be notified by the Division of Continuing Studies of their approval or denial. Normally, students seeking to transfer from other campus schools or divisions would not be approved for admission into the Division of Continuing Studies except under extraordinary circumstances. Some examples are as follows:

   Students who have full-time jobs or family responsibilities.

   Students who have inadequate financial resources.

   Students who have extremely mobile occupations, such as military.

   Students who are confined in penal institutions.

   Students who have psychological barriers that prevent them from seeking the education they need.

   Students who have occupational goals that cannot be met through existing traditional degree programs.

   Students who need greater freedom in timing and pacing their learning experiences.

Application Deadlines
Students who wish to apply for admission to the General Studies Degree Program must submit applications to the School of Continuing Studies at IUS prior to the deadline. The deadline for fall, spring, and first summer session is the same as the last day to apply for the Pass/Fail option each semester. These dates may vary, so the student must pay close attention to the published dates. Applications are accepted during the second summer session, but the student will not be admitted formally until the fall semester.

General Degree Requirements for the General Studies Degree Programs
The following general requirements apply to both the associate and bachelor’s degree programs.

Plan of Study After being accepted by the School of Continuing Studies, the student, in consultation with the general studies counselor or the director of continuing studies, will be responsible for developing a plan of study leading to the degree objectives. This plan of study may be changed at a later date, but the changes must be approved by the director of continuing studies or the general studies counselor. Students admitted to the general studies program beginning the fall semester 1998 are required to take a threshold and a capstone course as part of the A.G.S. and B.G.S. curricula. The purpose of these courses is to assess academic performance relative to the student’s Plan of Study. Two writing courses have been approved for this purpose: ENG W290 Writing in the Arts (threshold) and ENG W405 Writing Prose Nonfiction (capstone). Students must successfully complete ENG W131 Elementary Composition with a minimum grade of C as a prerequisite for ENG W290. General Studies students who are required to take these courses must first meet with the general studies counselor to develop a formal Plan of Study. This will consist of a written work-up of the student’s projected courses, minors, and goals and objectives for his/her degree. Once the Plan of Study has been established, students beginning threshold or capstone courses should arrange a meeting with their instructor and identify themselves as general studies students who are enrolled to fulfill threshold or capstone requirements. With prior written approval from the General Studies Faculty Committee and the instructor teaching the course or seminar, students may also substitute capstones from other IUS schools or divisions to satisfy the general studies capstone requirement.

Important: Students who apply to the general studies degree program with 75 percent or more of their course work (45 credit hours for the A.G.S. and 90 credit hours for the B.G.S.) may apply for exemption from the threshold and/or capstone course. Exempt A.G.S. graduates pursuing the B.G.S. must take the threshold/capstone.
Transfer Credit
Courses completed at another college or university may be accepted for credit toward the degree programs in the School of Continuing Studies, provided the course work was taken at an accredited institution and the grade received in the course was at least a C.

Upon receipt by Indiana University Southeast, the student’s transcripts will be evaluated to determine which courses are acceptable for the degree programs in the School of Continuing Studies. A report will be given to the student, and the transfer credit report will be used in the development of the student’s plan of study.

Probation
Students who were given “provisional admission” to the general studies degree programs are required to complete 12 credit hours of appropriate course work with a cumulative grade point average of 2.0 (C) in order to be eligible for admission as regular students in good standing.

Enrolled students whose cumulative grade point average falls below 2.0 (C) will be placed on academic probation until the cumulative grade point average is 2.0 (C) or better. If the student is unable to raise the cumulative grade point average to at least a C after a probationary period of one year, the student’s academic record will be reviewed by the local campus admission committee and the student’s faculty committee to determine if the student is eligible to continue in the program.

Graduation Requirements
To be eligible for graduation, the student must complete the course work specified in the plan of study with an overall grade point average of at least 2.0 (C), as well as a 2.0 grade point average after admission to the School of Continuing Studies. The student must receive a grade of C or better in all courses used to fulfill course requirements of the three major areas of learning. Any course in which the student receives a grade of D will count only as a general elective toward fulfilling total credit hours required for the degree program.

Associate of General Studies (A.G.S.)
Requirements for the Associate of General Studies degree program are as follows:

- Basic skills requirements: ENG W131 or equivalent with a grade of C or higher; the research writing requirement; a speech course; a computer course (3 cr. hrs. minimum); and a mathematics course at the level of MATH M117 or higher.
- A minimum of 12 credit hours in each of the three major areas of learning:
  - Humanities
  - Natural Sciences
  - Social Sciences
- Total credit hours required in the major areas of learning 36 credit hours
- The 12 credit hours required in each area must be distributed over at least two subjects within that area.
- Free electives 24 credit hours

Students, in consultation with their academic advisors, are encouraged to concentrate their elective courses in related subject areas. Total credit hours required for the A.G.S. degree program—60 credit hours.

Other requirements and limitations:
1. A minimum of 15 credit hours of the required 60 credit hours must be taken within the eight campuses of Indiana University.
2. A minimum of 10 credit hours of course work accepted for the A.G.S. degree must be taken after the student has been admitted to the School of Continuing Studies.
3. A maximum of 15 credit hours toward any major or any concentration in any department will be accepted for the A.G.S. degree.

Bachelor of General Studies (B.G.S.)
The requirements for the Bachelor of General Studies degree program are as follows:

- Basic skills requirements: ENG W131 or equivalent with a grade of C or higher; the research writing requirement; a speech course; a computer course (3 cr. hrs. minimum); and a mathematics course at the level of MATH M117 or higher.
- A minimum of 12 credit hours in each of the three major areas of learning:
  - Humanities
  - Natural Sciences
  - Social Sciences
- Total credit hours required in the major areas of learning 36 credit hours
- A minimum of 18 additional credit hours in one of the above areas (area of concentration). 18 credit hours

The credit hours required in each of the above areas (12 credit hours in two areas and 30 credit hours in the third area) must be distributed over at least two of the subject fields in each area.
Students, in consultation with their academic
advisors, are encouraged to concentrate their elective
courses in related subjects.

Free electives 66 credit hours

Total credit hours required for the B.G.S. degree program—120 credit hours.

Other requirements and limitations:
1. A minimum of 30 credit hours of the required 120 credit hours must be taken within the eight campuses of Indiana University.
2. A minimum of 20 credit hours of course work accepted for the B.G.S. degree must be taken after the student has been admitted to the School of Continuing Studies.
3. A minimum of 30 credit hours of the required 120 credit hours must be taken at the upper-division level. Upper-division course work is numbered in the 300s and 400s.
4. A maximum of 21 credit hours toward any major or concentration in any department will be accepted for the B.G.S. degree.

Self-Acquired Competencies
The School of Continuing Studies recognizes that individuals are constantly involved in learning situations throughout their lives. Knowledge gained through on-the-job training programs, short courses in the military or private industry, or in other learning activities can be very valuable to a student. General studies programs award academic credit for some self-acquired competencies (i.e., college-level knowledge learned through life experience). A maximum of 15 credit hours of self-acquired competencies credit may be approved for the Associate of General Studies degree program and a maximum of 30 hours of credit for the Bachelor of General Studies degree program.

Decisions concerning self-acquired competencies credit will be made after the student has been accepted and enrolled in the School of Continuing Studies. Students who believe that they might be eligible for self-acquired competencies credit should contact the general studies counselor or the director of continuing studies and inquire about procedural information after they have been accepted for the general studies programs.

Counseling
The general studies counselor is available for advising. The vast resources of Indiana University in the areas of vocational counseling, reading and study skills programs, and special counseling programs are also available.

Noncredit Programs
The Division of Continuing Studies offers noncredit educational opportunities to persons interested in professional upgrading, personal growth, and leisure learning.

Professional development courses are offered throughout the academic year in such areas as supervision, communication skills, time management, and computer science. In addition, courses are also offered in real estate, insurance, labor relations, and fire science.

Personal development courses are offered in such areas as foreign language, travel, physical fitness, speed reading, culinary arts, photography, mental health, dance, and religion.

Courses are taught by a variety of methods: classes, discussion groups, conferences, seminars, workshops, institutes, short courses, lectures, and travel.

The Division of Continuing Studies also provides customized training for business and industry, either on campus or at the work site. These cost-effective, results-oriented programs have been utilized by a wide range of local companies.

For detailed information concerning continuing studies offerings, interested persons are invited to write the Division of Continuing Studies, Noncredit Programs, Indiana University Southeast, New Albany, Indiana 47150-6405; or phone (812) 941-2206.

Basic Supervision Program
Saundra E. Brown (Coordinator)

Indiana University Southeast offers both a certificate and a minor in the Basic Supervision Program. The certificate program consists of the five courses listed below under “Requirements for a Certificate in Supervision.” These courses may be taken on either a credit or noncredit basis. Persons selecting the noncredit option earn continuing education units (CEUs). Persons selecting the credit option may apply the credits toward an academic minor in supervision.

Upon completion of the program, the Indiana University Southeast Certificate in Basic Supervision is awarded. The program is designed to prepare trainee- and entry-level supervisory personnel for more effective roles in business, industry, or public-sector agencies.

Requirements for a Certificate in Supervision
15 credit hours as follows:

BUS W100 Business Administration: Introduction (3 cr.)

SPCH S122 Interpersonal Communication (3 cr.)
SUPV S300 Personnel Supervision (3 cr.)
SUPV S310 Production Supervision (3 cr.)
SUPV S320 Labor Relations (3 cr.)

The minor requires 21 credit hours. Persons completing the minor select two courses from a body of knowledge consistent with the supervision field. The additional courses should be consistent with career goals of the student, and come from the following categories:

Manufacturing Processes and Technology: BUS P301 Operations Management (Business and Economics), BUS P430 Total Quality Management (Business and Economics), ECON E280 Applied Statistics for Business Economics (Business and Economics), IET104 Industrial Organization (Purdue Programs), MATH K300 Statistical Techniques (Natural Sciences), MET141 Materials and Processes (Purdue Programs), MET242 Manufacturing Processes (Purdue Programs)

Communication Skills: ENG W231 Professional Writing Skills (Humanities), SPCH C325 Interviewing Principles and Practices (Humanities), SPCH S223 Business and Professional Speaking (Humanities), SPCH S322 Advanced Interpersonal Communication (Humanities), SPCH S450 Gender and Communication (Humanities)

Counseling and Human Behavior: BUS Z302 Organization Behavior (Business and Economics), PSY B366 Introduction to Organizational Psychology in Business and Industry (Social Sciences), PSY B368 Introduction to Personnel Psychology in Business and Industry (Social Sciences), PSY P233 Industrial Psychology (Social Sciences)

Industry-Specific Courses: AHLT M330 Medical Terminology (Natural Sciences), CHEM C104 Physical Sciences and Society (Natural Sciences), HPER H160 First Aid (Education)

Persons who have already completed Business W100 and Speech S122 at accredited institutions need not repeat them. The remaining courses must be taken after admission to the program.

A total of 15 credit hours must be completed with at least a grade point average of 2.0 (C) for all 15 credit hours, with no grade below a C– in any course. Pass/Fail grades are not applicable to the certificate or minor.

Courses

Supervision (SUPV)

S300 Personnel Supervision (3 cr.) An introduction to and overview of the fundamental concepts of supervisory management. Emphasis is placed upon the supervisor’s major personnel functions, including organizing, planning, communication, job definition and assignment, recruiting, orientation, training, salary administration, and labor relations.

S310 Production Supervision (3 cr.) The role and function of the supervisor in the production of goods and services. Course will include such production topics as scheduling, quality control, time and motion studies, cost control, tooling, etc.

S320 Labor Relations (3 cr.) An introduction to labor relations for supervisors. The organization of labor unions and federations, certification, contracts, collective bargaining, grievances, arbitration, and labor law will be covered.
School of Education

School of Education Office
Hillside Hall 0020
Phone: (812) 941-2385 or (812) 941-2617
Fax: (812) 941-2667

Student Services Office
Hillside Hall 0029
Phone: (812) 941-2386
Fax: (812) 941-2667

**Professors**  K. Bailey, deGraaf, Jamski, Morganett, Ridout, Shea, Smead, Wall

**Associate Professors**  Fields, McNames, Murray *(Interim Dean)*, Nunnelley, Squires

**Assistant Professors**  Babione, Herdoíza-Estévez, Ryan, Thompson

**Lecturers**  C. Bowles, Hottman, K. Jackson, Whitaker

**Adjunct Lecturers**  B. J. Bailey, Beard, Bollinger, Brewer, Broadway, P. Carter, Collins, Conder, Corna, Cusick, Farris, Ford, Geswein, Hampton, Hanen, Harshfield, Hoskins, Hott, Howard, Hutson, J. Jones, Just, Kazmerek, Kendrick, Lane, Losey, Marsh, McGinnis, M. McNames, Page, Parr Randolph, Roberson, Ryall, Sauer, Schooler, Singleton, South, Stiller, Wayne, Williams

**General Information**
Education programs offered by Indiana University Southeast are approved by the Indiana Professional Standards Board and the National Council for Accreditation in Teacher Education. These programs may meet certification requirements of other states, including Kentucky, through cooperative and reciprocal agreements. Questions about certification requirements in specific states should be directed to the school licensing advisors in the Student Services Office.

The Student Services Office is responsible for teacher certification/licensure; field placement, i.e. student teaching and other practicum experiences; elementary, secondary, and graduate program advising; and employment information. Students with questions regarding the aforementioned areas should see an advisor in the Student Services Office. It is important to note that the Student Services Office at IUS works within the framework of the Bureau of Educational Placement in Bloomington. During the senior year, IUS students may secure an application from the School of Education Student Services Office and register for this service. Students entering programs leading to state licensure after June 2002 will be required to meet new curriculum requirements aligned with the new licensure patterns adopted by the Indiana Professional Standards Board. Students entering such programs before June 2002 may earn licensure under the programs identified in this bulletin provided they graduate by June 30, 2006. Students seeking licensure as described in this bulletin who will not be finished by June 30, 2006 should transition to the new program requirements through their Education advisor as soon as possible after May 30, 2001.
The following students should follow program requirements listed in this bulletin: (1) students who enrolled at IU Southeast for the first time in the 2001 fall semester or thereafter either as beginning students or as transfer students, and (2) students who enrolled at IU Southeast prior to the 2001 fall semester but were not enrolled at an IU campus for a period of 12 months or more. Individuals entering any program, either as beginning students or as transfer students from any college, should contact a faculty advisor to remain informed of changes in the programs.

The School of Education offers three undergraduate programs leading to the B.S. in Education: (1) elementary education, (2) secondary education, and (3) special education. Students should consult with a faculty member who serves as an advisor in the specific program of interest. Students interested in simultaneous enrollment in two of these programs (double or dual majors) must consult with advisors in both.

Still another undergraduate program offered by the School of Education is the A.S. in Recreational Leadership.

Graduate programs are offered leading to the M.S. in Education. Three majors are available: (1) elementary education, (2) secondary education, and (3) counseling. Courses leading to school administrators' and supervisors' certificates are available.

The following School of Education members serve as advisors for their areas:

**Undergraduate**

Elementary Education: Nunnelley (Program Coordinator), deGraaf, Herdoíza-Estévez, Ridout, Ryan, Squires, Thompson, and Wall

Secondary Education: Morganett (Program Coordinator)

- English, Bailey (Advisor)
- Mathematics, Jamski (Advisor)
- Science, Clements (Advisor)
- Social Studies, Morganett (Advisor)

Special Education: Shea (Program Coordinator), K. Jackson

Recreational Leadership: Parr (Advisor)

**Graduate**

Graduate Studies: Babione (Program Coordinator)

Counseling: Fields (Program Coordinator), Smead

Educational Leadership: McNames (Program Coordinator), Whitaker

**School Services**

Elementary Undergraduate and Graduate Programs; Elementary Certification/Licensing/Field Placement: Riehl (Coordinator)

Secondary Undergraduate and Graduate Programs; Secondary Certification/Licensing/Field Placement: Clements (Coordinator)

**Philosophy, Mission, and Beliefs**

Programs offered by the School of Education have been developed under a number of assumptions about the role of educators, the nature of learning, and the most effective approaches to teacher education. A teacher’s formal role encompasses many aspects, including being a facilitator of learning, a provider of materials and resources, a dispenser of information, and an evaluator of performance. Teachers also perform several less formal functions, including those of counselor, friend, and confidant, often all in the same day.

With these functions in mind, the School of Education has developed the following theme, mission, beliefs, and goals.

**Theme**

Educators Engaged in Growth

**Mission**

The mission of the Indiana University Southeast School of Education is to develop high-quality caring professionals who will stimulate the continuous renewal of schools within a multicultural society.

**Beliefs**

The faculty and staff of the School of Education at Indiana University Southeast affirm the beliefs that graduates from IU Southeast programs have the knowledge, skills and dispositions to:

- Play a lead role in promoting success and positive change in themselves and others.
- Use effective methods to meet diverse educational goals.
- Create and manage safe and effective educational environments.
- Make decisions and validate progress toward educational goals using appropriate data.
- Achieve educational goals identified by state and national professional standards.
- Use contemporary educational technology effectively.
- Value and be responsive to diversity among students and within society.
• Collaborate with students, faculty and administrators to create caring learning communities.

• Infuse their practices with a broad knowledge of the arts, sciences and humanities, a strong knowledge of educational theory and practice and an in-depth knowledge in a specific field of preparation.

• Incorporate the concerns and resources of the local community into their professional goals and practices.

• Engage in continuous improvement and professional growth by setting goals and reflecting upon their progress toward achieving those goals.

• Encourage, support and mentor the professional development activities of candidates and practitioners in the field.

• Utilize critical thinking, creative thinking and problem-solving skills.

• Meet the needs of all students in a developmentally appropriate manner.

• Display the positive behaviors and dispositions that are expected by the professional community.

• Communicate effectively with students, parents, other professionals and members of the community.

• Project a coherent vision of education as a personal and professional activity.

• Participate in professional organizations related to their educational roles.

Goals
The goals of the School of Education at Indiana University Southeast follow from its mission and the beliefs of its faculty and staff. Our goals for all programs are to educate practitioners who:

• Value and respond appropriately to diversity and to the needs of all students, and promote educational success and positive personal change in themselves and others.

• Use effective methods, including contemporary educational technology, and appropriate data, to achieve diverse educational goals aligned with professional standards and make decisions based on data and information.

• Create safe and effective learning environments aligned with the concerns, needs, and resources of individual students, their families, the school, and the community.

• Demonstrate mastery of subject content, appropriate professional practices, and the processes of critical thinking, creative thinking, and problem-solving.

• Engage in continuous self-improvement and professional growth, support the professional development of others, and display positive professional behaviors and dispositions for effective practice.

• Communicate effectively with students, their families, other professionals, and the community, and project a coherent vision of education as a personal and professional activity.

Dispositions
Students and faculty in an IU Southeast program in the School of Education are expected to...

...respect the accepted legal and ethical norms and values of education. Examples of associated behaviors include, but are not limited to:

• Maintaining confidentiality of student records, parent communications, and private professional communications.

• Using language free of profanity and derogatory statements toward any individual or groups.

• Knowing and complying with legal requirements of the education profession.

• Adhering to high standards of truthfulness and honesty.

• Showing respect for the ethical and moral values and concerns of the school, students and community.

...effectively interact and collaborate with others and foster similar behaviors among students. Examples of associated behaviors include, but are not limited to:

• Willingly and actively participating in group assignments, projects or activities.

• Contributing positively and equitably to projects involving others.

• Seeking membership on collaborative projects.

• Leading projects or activities in a fair and equitable manner.

• Facilitating the functioning of all group members in a shared project.

• Designing and using collaborative activities and assessments.
...be committed to diversity through equitable treatment and respect for all individuals. **Examples of associated behaviors include, but are not limited to:**

- Being sensitive to the varying needs and dispositions of others.
- Accepting and adapting to differences in learning styles and individual capabilities.
- Facilitating learning by those with disabilities or with exceptional capabilities.
- Examining diverse values, languages, and traditions in a respectful manner.
- Giving thoughtful consideration to alternative and contradictory opinions.

...be committed to inquiry and application of the knowledge base of education. **Examples of associated behaviors include, but are not limited to:**

- Adopting contemporary modes of practice based on research and demonstrated best practices of the profession.
- Maintaining an analytical openness to new ideas expressed in the professional literature.
- Reading and learning continuously from the professional literature and professional development activities.
- Participating regularly and enthusiastically in professional development activities.

...be committed to continuous self-evaluation and personal improvement. **Examples of associated behaviors include, but are not limited to:**

- Engaging in meaningful continuous reflective self-assessment and showing such assessment leads to plans for change.
- Demonstrating positive changes in educational practices or personal behaviors over time.
- Responding analytically and proactively to assessments by supervisors or others and making changes to address legitimate concerns.
- Actively seeking ways to solicit feedback for purposes of making quality improvements in practice.

Undergraduate Programs in Education

Notice: Pursuant to campus and school policy, no student convicted of a sex offense against children shall be eligible for School of Education course work or programs. Details of this policy can be found in the School of Education office.
Elementary Education and Special Education

The School of Education offers a program leading to the B.S. in Education in elementary education or special education. Students in the elementary program may add certification through an endorsement for teaching junior high and middle school classes in language arts, mathematics, science, and social studies. Endorsements are also available in kindergarten and in special education. Students interested in either of these endorsements should consult with the appropriate coordinator. Additional specialties in health education, music, physical education, visual arts, language arts, mathematics, recreation, science, and social studies are available.

Secondary Education

The School of Education offers a program in secondary education leading to the B.S. in Education in secondary education with teaching majors in English, mathematics, science, and social studies. Students who have completed a major may also minor in biology, chemistry, earth/space science, economics, English, French, general science, geography, German, health and safety, journalism, mathematics, physical education, physical science, physics, political science, psychology, reading, sociology, Spanish, special education, speech communication and theatre, U.S. history, visual arts, or world civilization. They may also be endorsed in coaching.

Residency Requirement  Thirty of the last 60 credit hours of any bachelor’s degree program must be completed in residence at IU Southeast.

Transfer Credit  The School of Education accepts courses completed at other accredited institutions of higher education to meet graduation and certification requirements. (See the section entitled “Credit Transfer Policy for Bachelor’s Degrees” for the university policy on transfers.)

Although grades do not transfer and are not computed in a student’s IU Southeast grade point average, the School of Education uses transfer grades in ENG G207, SPCH S121, and ENG W131 to determine eligibility requirements for admission to teacher education. Also, transfer grades are used to determine graduation and certification eligibility in major and minor areas.

Currency of Course Work

1. The time passed since a course was completed, whether taken at IU Southeast or transferred from any other institution, will be considered in relation to the student’s projected date of graduation, as determined at the initial advising session and reevaluated at each advising session following. Thus it is imperative for the student to see that the advisor records the date on the student’s check sheet and/or checks the date on IU CARE sheets. If the student deviates from progress toward the projected date of graduation in the course of his/her studies, the life span of a course may be reassessed.

2. All courses listed in the Professional Education block will be taken within the 10-year period prior to graduation.

3. Area requirements outside of education that contain content or processes that may have changed significantly since the student took the course, as determined by program-specific teams, will need to be repeated prior to graduation.

Elementary and Special Education Majors—Admission Requirements and Processes

Application Process  All students entering the Elementary or Special Education Program and the Education Psychology Block (P250/P251/M201) must complete an application for admission into those programs. Applications will be disbursed in H340 courses and may also be obtained from the University Division and the School of Education. All applications must be submitted to the School of Education by the announced date for each semester. All applicants must have (1) an unofficial IU Southeast transcript, and (2) a copy of the student’s PPST scores attached. Applications will be reviewed by the faculty within the School of Education. Individual students may obtain notification of their status for admission for the upcoming semester from the University Division just prior to registration for the upcoming semester. Formal letters of acceptance or nonacceptance will be mailed before the beginning of the next semester. Accepted students may obtain an authorization for the upcoming P250 Block from the University Division prior to registration. Students not accepted may reapply the following semester. Students accepted, but who fail to register for the P250 Block, must reapply.

Cohort Groups  Students will be accepted into the programs in cohort groups, which will progress through the programs together. Students not moving through subsequent methods blocks with their original cohort group may enter a later cohort group only if space permits. The size of cohort groups will be limited to the number of students that can be effectively accommodated given the available resources.

Criteria for Admission  Any student wishing to be considered for admission into the Elementary and Special Education programs and therefore to begin
the P250 Block must first meet the following basic criteria:

1) Completion of 26 semester hours (excluding developmental courses)

2) Completion of the PPST with the following scores:

<table>
<thead>
<tr>
<th></th>
<th>Written</th>
<th>Computer Based</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>175</td>
<td>320</td>
</tr>
<tr>
<td>Reading</td>
<td>176</td>
<td>323</td>
</tr>
<tr>
<td>Writing</td>
<td>172</td>
<td>318</td>
</tr>
</tbody>
</table>

3) Attainment of an overall GPA in all college course work of at least 2.5.

If the basic criteria are met, the 50 students with the highest rankings on the following 16-point scale will be admitted until the cohort is filled:

- Cumulative GPA (Minimum 2.5) 4.0
- Grade in ENG W131 (Minimum 2.0) 4.0
- Interview in EDUC H340 (Scored by Interviewer) 8.0

Continuing in the Program As a major formative assessment point, permission to continue in the program is granted in the General Methods Block (which follows the Educational Psychology Block) to admitted students after a further review of all records in the H340 and P250 Block. A cumulative GPA of 2.5 with no grade less than a C must have been attained in the following courses: ENG W131, ENG G207, and SPCH S121. A cumulative GPA of 2.5 must be maintained throughout all course work. Any professional education course with a grade of less than a C must be repeated. Those seeking a special education certification need no less than a 2.7 GPA in each special education course.

There are major formative assessment points throughout the program. At any point in the program, after reviewing a student’s academic records, his or her performance in field experiences, and progress toward attaining professional dispositions, program faculty may decide that a student’s continuance in the program must be interrupted or terminated. If interrupted, the student must successfully complete an appropriate remediation plan.

Program Portfolio Beginning in General Methods and continuing throughout the program, students must develop a program portfolio based on the Elementary Education Program Standards. This program portfolio is reviewed and used as a summative evaluation tool at the end of student teaching.

Note: Clearance through a criminal history check is required for student teaching and for some earlier field experiences. Students must consider this requirement before pursuing a degree in Elementary Education or Special Education.

Secondary Education Majors—Admission Requirements and Processes

Transfers of Records to the School of Education Secondary students intending to pursue a major in secondary education may transfer their records to the School of Education once they have completed 12 credit hours (excluding developmental courses) with a minimum cumulative grade point average of 2.5 and a minimum grade of C (2.0) in ENG W131.

Admission to Teacher Education Admission to the Teacher Education Program comes after a student’s records have been transferred to the School of Education. The procedure provides the faculty with opportunities to exercise professional judgment on the suitability of the candidate for a teaching career. Admission to the Teacher Education Program is based on a number of factors designed to select high-quality prospective teachers and also is limited to the number of students that can be effectively accommodated given the available resources. Admission to and good standing in the Teacher Education Program are required for enrolling in certain professional education course work. To be eligible for admission to the Teacher Education Program, secondary education majors must:

1. maintain a minimum grade point average of 2.5 in all IU course work, in courses used to satisfy program requirements (grades from courses transferred from other colleges will be used to compute this GPA), in each certification area (i.e., major, minor, primary area, support area, and/or endorsement), and in all required professional education courses.

2. earn a grade of C (2.0) or higher and receive positive recommendations in EDUC H340, P250-P255-M201 (educational psychology block), and W200.

3. complete ENG G207, ENG W131, and SPCH S121 with no less than a grade of C (2.0) in each and a minimum grade point average of 2.5 for the three courses combined.

4. pass all sections (reading, writing, and mathematics) of the Preprofessional Skills Tests (PPST).

Secondary Education majors may be conditionally admitted to the Teacher Education Program if their recommendations from EDUC H340, P250, P255 and/or M201 contain reservations.
Academic Probation in Teacher Education

To remain in good standing in the Teacher Education Program, students in elementary, secondary, and special education must:

1. maintain an overall GPA of 2.5 or higher.
2. complete each professional education course with a grade of C (2.0) or higher.
3. maintain a minimum overall GPA of 2.5 in professional education courses.
4. maintain a minimum 2.5 GPA in each certification area (i.e., major, minor, primary area, support area, and/or endorsement).

5. Education students can be placed on academic probation if they (a) do not meet the above conditions or exhibit a pattern or a single substantial incidence of unprofessional behavior, (b) are asked by the School of Education to withdraw from a field experience due to their substantially inadequate performance, or (c) perform marginally in one or more field experiences.

Students on academic probation from the Teacher Education Program may be denied entry into further education courses until deficiencies have been removed through repeating courses or completing other remedial activities. Moreover, a student who performs marginally in a field experience(s) prior to student teaching may be required to repeat certain courses or engage in other remedial activities before entering the student teaching semester.

6. In addition to items 1-5 above, students pursuing any special education certification must have a grade of B– or better in each special education course (designated with a K).

Admission to Student Teaching

To be eligible for admission to the Student Teaching Program, all education majors must:

1. be in good standing in the Teacher Education Program.
2. obtain verification that graduation by the following August is probable.
3. complete all appropriate methods courses and field experiences.
4. be judged by the faculty to be suited for a teaching career.
5. pass a criminal history check.

In addition to items 1-5 above, elementary and special education students who wish to be eligible to student teach must:

6. maintain a minimum grade point average of 2.5 in subject matter courses within each of the following areas: fine arts, language arts, mathematics (T101, T102, and T103), science, social studies, and general education electives. In the elective area, students may designate which courses are used to compute the 2.5 GPA.

Note: T101, T102, and T103 must be completed before Elementary Math Methods (E343). In the other areas, not more than one course may be left until after student teaching.

7. complete adult standard first aid and CPR certification.

In addition to items 1-7 above, secondary education majors who wish to be eligible for admission to student teaching must:

8. complete all general-education courses.
9. complete at least three-fourths of all credit hours in each certification area.

To be eligible for certification, all students must:

1. complete all program and course work requirements.
2. earn a minimum overall GPA of 2.5.
3. earn a minimum GPA of 2.5 in professional education courses and a minimum grade of C (2.0) in each course.
4. earn a minimum GPA of 2.5 in each certification area (i.e., major, minor, primary area, support area, and/or endorsement).
5. pass the PPST plus all appropriate specialty tests.
6. pass a criminal history check required by the state of Indiana.

Bachelor of Science in Education in Elementary Education

Candidates for the Bachelor of Science should first review "General Requirements for All Degrees at IUS."

PLEASE NOTE: The contents of this bulletin are subject to change with appropriate notice by the School of Education. Students are responsible for consulting with their advisors regularly and participating in orientations to learn of changes that may apply to them.

Students entering the IUS program in elementary education after June 2002 will be required to meet
new curriculum requirements aligned with the new licensure patterns adopted by the Indiana Professional Standards Board. Students entering the program before June 2002 may earn licensure under the programs identified in this bulletin provided they graduate by June 30, 2006. Students seeking licensure as described in this bulletin who will not be finished by June 30, 2006 should transition to the new program requirements through their advisor as soon as possible after May 30, 2001.

A. Purposes of the Program

The undergraduate program in elementary education is designed to provide opportunities for the elementary education major to demonstrate competencies in the ten principles of the Interstate New Teacher Assessment and Support Consortium (INTASC) and the performance-based standards in other content and development areas of the Indiana Professional Standards Board (IPSB). These INTASC principles and IPSB standards are incorporated into the Elementary Education Program Standards.

B. Degree and Certification Requirements

To be eligible for graduation with the degree Bachelor of Science in Education in elementary education and certification from the Indiana Professional Standards Board, students must be approved by the IU Southeast School of Education faculty and must have completed the following:

1. admission to Indiana University
2. admission to the School of Education
3. course requirements, as described in section C, below
4. admission to the Teacher Education Program
5. admission to student teaching
6. application for the degree, by October 1 prior to graduation in May; March 1 for August graduation; and June 1 for December graduation
7. attainment of passing scores on the appropriate exit test(s) prior to certification

C. Course Requirements (130 credit hours)

Required courses in the four-year curriculum leading to the degree Bachelor of Science in Education in elementary education and the Elementary Standard certificate under Rules 46/47 are as follows. Note that a minimum grade point average of 2.5 is required in each item 1-8 below. No less than a grade of C is accepted for T101, T102, T103, M323, E343, S121, W131, and G207, with a minimum GPA of 2.5 required for the latter three. A minimum GPA of 2.5 is required in item 7 with no less than a C in each course. See the course descriptions for the appropriate sequence.

1. Arts (at least 10-11 credit hours)
   EDUC M323 The Teaching of Music in the Elementary Schools.................................2
   FINA T255 Crafts and Design I ...........................................3
   MUS E241 Introduction to Music Fundamentals.........................................................3
   Elective in the Arts ........................................................................2-3

2. Language Arts (at least 12 credit hours)
   ENG G207 English Grammar and Usage .................................................................3
   ENG W131 Elementary Composition .................................................................3
   SPCH S121 Public Speaking .................................................................................3
   Elective in World Literature (L101 or L102) ......................................................3

3. Mathematics (at least 9 credit hours)
   MATH T101/T102/T103 Mathematics for Elementary Teachers ..................3/3/3

4. Professional Education (45-46 credit hours)
   EDUC H340 Education and American Culture ...................................................3
   EDUC K205 Introduction to Exceptional Children .................................................3
   EDUC P250 General Educational Psychology ....................................................2
   EDUC P251 Educational Psychology for Elementary Teachers ..........................2
   EDUC M201 Field Experience ........................................................................1
   EDUC W200 Microcomputers for Education ......................................................3
   EDUC M310 General Methods ........................................................................2
   EDUC M311 General Methods for Elementary and Kindergarten Teachers ......1
   EDUC M301 Field Experience ........................................................................1
   EDUC M323 Teaching Music in Elementary School ..........................................2
   EDUC E449 Trade Books and the Teacher .........................................................3
   HPER P290 Movement Experience for Pre-School and Elementary School Child 2
   EDUC E339 Methods of Teaching Language Arts ..................................................3
   EDUC M301 Field Experience ........................................................................1
   EDUC E340 Methods of Teaching Reading I .......................................................3
   EDUC E325 Social Studies in the Elementary Schools ............................................3
   EDUC M301 Field Experience ........................................................................1
   EDUC E328 Science in the Elementary Schools ..................................................3
EDUC M301 Field Experience ..................................1
EDUC E343 Mathematics in the
Elementary Schools .........................................3
EDUC E341 Methods of Teaching Reading II .......3
EDUC M425 Elementary Student Teaching...........12

5. Sciences (at least 11 credit hours)
BIOL L100 Humans and the Biological World .....5
CHEM C104 Physical Sciences and Society .......3-5
SPEAE E162 Environment and People...............3

6. Social Studies (at least 18 credit hours)
ANTH E105 Culture and Society or
SOC S163 Social Problems or
SOC S216 American Ethnic Diversity ...........3
ECON E107 Introduction to Macroeconomics or
ECON E108 Introduction to Microeconomics ...3
GEOG G201 World Regional Geography ..........3
HIST H101 The World in the
Twentieth Century .........................................3
HIST H105 or H106 American History I-II .......3
POLS Y103 Introduction to American Politics ...3

7. Other General-Education Courses
(at least 5 credit hours)
EDUC H363 Personal Health ..........................3
HPER H160 First Aid and Emergency Care ......2

8. Electives or Subject Concentration
(15-16/ enough to equal a total of 130 credit hours
when added to requirements). Students may use
their electives to develop areas in depth, to broadly
explore areas in the curriculum, to strengthen areas
of weakness, to take courses that are interesting to
them, or to complete an additional teaching area
listed under items 9 or 10.

9. Additions and Endorsements. A minimum GPA
of 2.5 is required for additions and 2.5 for
endorsements. Students may use their electives
and appropriate required courses to complete one
of the following on their certificate:

a. Coaching Addition
HPER A361 Coaching of Football ..................1.5
HPER A362 Coaching of Basketball ...............1.5
HPER A363 Coaching of Baseball .................1.5
HPER A364 Coaching of Track and Field .......1.5
HPER H160 First Aid and Emergency Care ....2
HPER H363 Personal Health ..........................3
HPER P205 Structural Kinesiology ...............3
HPER P290 Movement Experiences for
Preschool and Elementary Children ...........2

b. Computer Endorsement (for elementary
and secondary majors)
EDUC W210 Survey of Computer-Based
Education ..................................................3
EDUC W220 Technical Issues in
Computer-Based Education .........................3
EDUC W310 Computer-Based Teaching
Methods ..................................................3
EDUC W410 Practicum in Computer-Based
Education ..............................................3
Elective in any 3 credit hour computer
course not included above .........................3

c. Health Education Addition
BIOL L100 Humans and the Biological World .....5
EDUC P251 Child Growth and Development ....2
HPER C366 Health Problems of the
Community ...............................................3
HPER H160 First Aid and Emergency Care ....2
HPER H363 Personal Health ..........................3
SOC S163 Social Problems ..........................3
SPEAE E162 Environment and People ...........3

d. Kindergarten Endorsement
(Program undergoing revisions; see advisor.)
EDUC E315 Education of Young Children
(Fall Sem. only) Acceptable for
Kentucky certification .................................3
EDUC E337 Classroom Learning
Environment (Spring Sem. only)
Preferred for Kentucky certification ............3
EDUC E338 Early Childhood Educator
(Fall Sem. only) Not acceptable for
Kentucky certification .................................3
EDUC M470 Practicum: Kindergarten I ..........3
EDUC M470 Practicum: Kindergarten II:
Student Teaching .......................................3
HPER H363 Personal Health ..........................3

e. Language Arts Addition
EDUC E339/M301 Methods of Teaching
Language Arts/Field Experience .................3/1
EDUC E340 Methods of Teaching Reading I ...3
EDUC E449 Trade Books and the Teacher .......3
ENG G207 English Grammar and Usage .........3
ENG W131 Elementary Composition .............3
SPCH S121 Public Speaking ..........................3
Elective in world literature (L101 or L102) ....3
One of the following:
THTR T120 Acting I ..................................3
THTR T310 Creative Dramatics ....................3
or appropriate substitutes
f. Mathematics Addition
CSCI C201 Introduction to Computer Programming .............................................3
EDUC E343 Mathematics in the Elementary School .................................................3
MATH K300 Statistical Techniques ........................................................................3
MATH M122 College Algebra ..................................................................................3
MATH M118 Finite Mathematics ..............................................................................3
MATH T101 Mathematics for Elementary Teachers I ..............................................3
MATH T102 Mathematics for Elementary Teachers II .............................................3
MATH T103 Mathematics for Elementary Teachers III .........................................3
or other approved math courses

g. Music Addition
EDUC M323 The Teaching of Music in the Elementary Schools ................................2
MUS E241 Introduction to Music Fundamentals ......................................................3
MUS M174 Music for the Listener I ........................................................................3
MUS M375 Survey of Ethnic and Popular Musics of the World ...............................3
MUS X040, X070, or X341 Music Ensemble and/or Performance Groups and/or Private Studio Instruction (Applied Music) in the Student’s Performing Medium ..........8

h. Physical Education Addition
HPER A362 Coaching of Basketball ........................................................................1.5
HPER A364 Coaching of Track and Field ................................................................1.5
HPER H160 First Aid ...............................................................................................2
HPER P140 Foundations of Physical Education .......................................................3
HPER P205 Structural Kinesiology .........................................................................3
HPER P290 Movement Experience for Preschool and Elementary Children ..........2
HPER P495 Laboratory Teaching in the Physical Education Program .....................2
Electives in coaching or activity courses ................................................................4

i. Recreation Addition
FINA T255 Crafts and Design ................................................................................3
HPER P290 Movement Experiences for Preschool and Elementary Children ..........2
HPER R160 Recreation and Leisure .......................................................................3
HPER R261 Recreation in American Life ................................................................3
HPER R271 Dynamics of Outdoor Recreation .......................................................3
MUS E241 Introduction to Music Fundamentals .......................................................3
Elective in HPER activity course ............................................................................1

j. Science Addition
BIOL L100 Humans and the Biological World .....................................................5
CHEM C101 Elementary Chemistry I and C121 Lab .............................................5
GEOG G107 Physical Systems of the Environment ...............................................3
SPEA E162 Environment and People .....................................................................3
Six credit hours from among:
AST A100 The Solar System ................................................................................3
AST A105 Stellar Astronomy .................................................................................3
BIOL L350 Environmental Biology .......................................................................3
CHEM C101/C121 Elementary Chemistry/Laboratory I .......................................3/2
EDUC E328/M301 Science in the Elementary Schools/Lab and Field Experiences in Science ..............................................................3/1
GEOL G100 Earth Science: Geologic Aspects .....................................................5
GEOG G315 Environmental Conservation .........................................................3
PHYS P201 General Physics I ...............................................................................5
PLSC B203 Survey of the Plant Kingdom ............................................................5
or other approved science courses

k. Social Studies Addition
ANTH E320 Indians of North America ................................................................3
ECON E107 Introduction to Macroeconomics or E108 Introduction to Microeconomics .............................................................2
EDUC E325/M301 Social Studies in the Elementary Schools/Lab/Field Experience/Social Studies .................................................................3/1
HIST A363 Survey of Indiana History ..................................................................3
HIST H101 The World in the Twentieth Century ..................................................3
HIST H105 or H106 American History I or II .....................................................3
POLS Y103 Introduction to American Politics ......................................................3
ANTH E105 Culture and Society or SOC S163 Social Problems ..........................3

l. Special Education Minors (grades K-12)
In order to complete this program, students must meet those requirements in the bulletin that relate to admission, good academic standing, and student teaching in the special education and elementary education programs. The minor requires completion of the core below and specialty (l.1), (l.2), or (l.3) that follow.

Note: As this bulletin goes to press, a number of program changes are pending due to yet-to-be released state certification guidelines.
Core Endorsement Courses
EDUC E340 Methods of Teaching Reading I ........3
EDUC E343 Mathematics in the Elementary School .........3
EDUC K205 Introduction to Exceptional Children ........3
EDUC K345 Academic and Behavioral Assessment ..........3
EDUC K453 Management of Academic and Social Behavior ......3
EDUC M310 General Methods ..................................3
EDUC M470 Practicum in Special Education (for each specialty area) ..3
EDUC P407 Psychological Measurement in Schools ........3
EDUC W200 Microcomputers in Education ..................3
EDUC K480 Student Teaching in Special Education ........3
(l.1) Emotionally Handicapped
EDUC K343 Education of Socially and Emotionally Disturbed I ......3
EDUC K344 Education of Socially and Emotionally Disturbed II ....3
EDUC K495 Lab/Field Experience in Special Education .......3
(l.2) Learning Disability
EDUC K352 Education of Children with Learning Problems ..........3
EDUC K370 Introduction to Learning Disabilities ..............3
(l.3) Mildly Mentally Handicapped
EDUC K350 Introduction to Mental Retardation ................3
EDUC K352 Education of Children with Learning Problems ..........3
m. Visual Arts Addition
FINA A101 Ancient and Medieval Art or FINA A102 Renaissance Through Modern Art ....3
FINA F100 Fundamental Studio–Drawing ..................3
FINA F102 Fundamental Studio–2D .....................3
FINA T255 Crafts and Design ..............................3
Elective in Studio Art .....................................5-6

10. Junior High/Middle School Certification.
(A minimum GPA of 2.5 is required.) An elementary major may add certification to teach in junior high and middle schools by completing course work in one of the following subject areas: science, social studies, language arts, or mathematics; plus a grade no lower than C in the following courses in professional education:
EDUC M470 Practicum: Student Teaching in Junior High/Middle Schools ....3
EDUC S486 Principles of Junior High/Middle School Education ........3
Subject Areas: Individuals must complete at least one of the following patterns:
Mathematics
CSCI A201 Introduction to Programming or CSCI C201 Introduction to Computer Programming ..................3
EDUC E343 Mathematics in the Elementary School (prior to EDUC M470) ..........3
MATH K300 Statistical Techniques ..........................3
MATH M118 Finite Mathematics .............................3
MATH M122 College Algebra or MATH M125 Pre-Calculus Mathematics ........3
MATH M119 Brief Survey of Calculus or MATH M215 Analytic Geometry and Calculus I ........................................3/5
MATH T101 Mathematics for Elementary Teachers I .................3
MATH T102 Mathematics for Elementary Teachers II ..............3
MATH T103 Mathematics for Elementary Teachers III ..............3
Science
AST A100 Solar System or A105 Stellar Astronomy .................3
BIOL L100 Humans and the Biological World ...........5
CHEM C101/C121 Elementary Chemistry/Laboratory I ................3/2
EDUC E328 Science in the Elementary Schools/EDUC M301 Laboratory Field Experience (prior to EDUC M470) ...........3/0-1
GEOL G100 Earth Science: Geologic Aspects ................5
PHYS P201 General Physics I ..................................5
One of the following: ...........................................3-5
CHEM C102/C122 Elementary Chemistry/Laboratory II or PLSC B101 Plant Biology
GEOL G103 Earth Science: Materials and Processes
GEOL G104 Earth Science: Evolution of the Earth
PHYS P202 General Physics II
PLSC B203 Survey of Plant Kingdom
ZOOOL Z103 Animal Biology
Language Arts
EDUC E339 Methods of Teaching Language Arts (prior to EDUC M470).................3/0-1
EDUC E449 Trade Books and the Teacher ..........3
ENG G207 English Grammar and Usage ..........3
ENG L101 Western World Masterpieces I ..........3
ENG L102 Western World Masterpieces II ..........3
ENG W203 Creative Writing ......................3
ENG W350 Advanced Expository Writing ..........3
One of the following: ................................................3
ENG L297 English Literature to 1600
ENG L298 English Literature from 1600 to 1830
ENG L299 English Literature since 1830
One of the following: ................................................3
ENG L351 American Literature to 1865
ENG L352 American Literature, 1865-1914
ENG L354 American Literature since 1914

Social Studies
ANTH E105 Culture and Society .................3
ECON E107 Introduction to Macroeconomics or
ECON E108 Introduction to Microeconomics ..3
EDUC E325 Social Studies in the Elementary Schools ........................................3
EDUC M301 Laboratory Field Experience (prior to EDUC M470)..........................0-1
GEOG G110 Introduction to Human Geography ....3
GEOG G201 World Regional Geography ..........3
HIST H101 The World in the Twentieth Century ....3
HIST H103 Europe: Renaissance to Napoleon or
HIST H104 Europe: Napoleon to Present .......3
HIST H105 American History: General Course I ....3
HIST H106 American History: General Course II ..3
POLS Y103 Introduction to American Politics ....3
SOC S163 Social Problems .........................3
Non-Western history course .............................3

11. Suggested Course Schedule for Majors in Elementary Education

First Year
First Semester  Credits
ENG W131 Elementary Composition I ..................3
FINA H100 Art Appreciation or
M174 Music for the Listener or
THTR T105 Appreciation of Theatre ................3
MATH M007 Elementary Algebra or
T101 Mathematics for Elementary Teachers I ........3
SPCH S121 Public Speaking ..........................3

Second Semester
EDUC H340 Education and American Culture ..........3
ENG G207 English Grammar and Usage ..........3
MATH T101 or T102/T103 Mathematics for Elementary Teachers .........................3
SOC S163 Social Problems ..........................3

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Second Year
First Semester
EDUC M201 Laboratory/Field Experience ..........1
EDUC K205 Introduction to Exceptional Children ....3
EDUC M310 General Methods/M311 General Methods for Kindergarten and Elementary Teachers/M301 Laboratory/Field Experience .................4
HPER H363 Personal Health or
HIST H105 or H106 American History I or II ..........3

14

Second Semester
BIOL L100 Humans and the Biological World ......5
EDUC M310 General Methods/M311 General Methods for Kindergarten and Elementary Teachers/M301 Laboratory/Field Experience .................4

15

Course sequence notes:
W131 must be completed with a minimum grade of C (2.0) prior to taking H340.
T101, T102 and T103 must be completed before enrolling in E343. No grade lower than a C (2.0) will be accepted. The average of these three courses must be 2.5.
H340 must be completed with a minimum grade of C (2.0) and all sections of the Preprofessional Skills Tests (PPST) passed prior to taking M201, P250, and P251. The latter three are taken as a unit.
Take M301, M310, and M311 as a block after having completed H340, M201, P250, P251, ENG G207, and SPCH S121.
Take E339, E340, and M301 as a block following M310/M311/M301.
Take E325 and M301 any semester following E339/E340/M301 and prior to M425.
Take E328, E343, and M301 as a block.
Variance from Requirements

Students wishing to request a course or program variance from any of the requirements listed above may petition for an exception from the School of Education office. Students will receive written notification of action taken in all such cases.

Note: As this bulletin goes to press, a number of changes are anticipated in the program including revisions in professional education requirements. All students are encouraged to keep in close contact with advisors to be apprised of changes.

Bachelor of Science in Education in Secondary Education

Candidates for the Bachelor of Science degree should first review “General Requirements for All Bachelor’s Degrees at IUS.”

PLEASE NOTE: The contents of this bulletin are subject to change with appropriate notice by the School of Education. Students are responsible for consulting with their advisors regularly and participating in orientations to learn of changes that may apply to them.

Students entering the IUS program in secondary education after June 2002 will be required to meet new curriculum requirements aligned with the new licensure patterns adopted by the Indiana Professional Standards Board. Students entering the program before June 2002 may earn licensure under the programs identified in this bulletin provided they graduate by June 30, 2006. Students seeking licensure as described in this bulletin who will not be finished by June 30, 2006 should transition to the new program requirements through their advisor as soon as possible after May 30, 2001.

Purposes of the Program

The IU Southeast Secondary Education Program has among its goals preparing teachers for secondary schools, providing certification opportunities for students enrolled in other degree programs, providing certification for students holding degrees who would like to teach at the secondary level, and developing a center and source for secondary education information in this region of the state.

Upon completion of the secondary education program, each graduate should:

1. be eligible for certification by the state of Indiana for a standard teacher’s license appropriate for middle, junior high, and senior high schools.
2. have had learning experiences in a general-education core consisting of humanities, life and physical sciences, and social and behavioral sciences.
3. have developed expertise in at least one major subject teaching area.
4. be familiar with up-to-date curricular and organizational developments.
5. have experienced throughout the period of training varied participatory laboratory experiences with a variety of students, including special needs learners and those from different cultural backgrounds, culminating in supervised student teaching.
6. be aware of the historical, sociological, philosophical, and legal foundations of American education.
7. be cognizant of the psychological implications of adolescence, especially those applicable to student learning, cognition, motivation, and behavior.
8. be capable of organizing and managing effective learning situations, evaluation procedures, and technology, in terms of selected student objectives.
9. be skilled in techniques of developmental reading and of teaching strategies utilized in the modern secondary school.
10. possess the attitudes and skills in computer education for the integration of these skills into the secondary curriculum.
11. demonstrate the ability to provide leadership by such means as conducting meetings, expediting the group process, and drawing others together to adopt and work toward shared objectives.
12. participate in cultural awareness activities, such as conferences, panel discussions, class discussions, and recommended readings, in order to increase sensitivity to and preparedness for multicultural environments.
13. have on-site experiences in special education classrooms accompanied by special education teacher interviews, orientations, and in-class discussion.

Degree and Certification Requirements

A bachelor’s degree in secondary education with teaching majors in English, mathematics, science, or social studies is offered by Indiana University Southeast. Additionally, students in other degree programs may obtain teacher certification in these secondary fields by completing the requirements listed. In order to complete requirements and be certified, the secondary student must:

1. be admitted to the university.
2. be admitted to the School of Education as a preeducation major.
3. have passing scores on all sections (reading, writing, mathematics) of the Preprofessional Skills Test.

4. be admitted to the Teacher Education Program.

5. be admitted to student teaching (application must be on file by September 15 of the year preceding the student teaching semester).

6. complete an application for the degree by October 1 prior to graduation in May; March 1 for August graduation; and June 1 for December graduation.

7. complete all course and degree requirements (130 credit hours).

8. have passing scores on all parts of all standardized tests required by state for licensure.

**Course Requirements**

A. General-Education Requirements

The student must complete a minimum of 44 credit hours with at least 18 credit hours in humanities, 14 credit hours in life and physical sciences, and 12 credit hours in social and behavioral sciences.

Courses offered at Indiana University Southeast that satisfy the general-education requirements are listed below. As these courses may not be offered each semester, students should be careful in planning their program.

**Humanities (at least 18 credit hours) always including communication requirement:**

- ENG G207 Grammar and Usage ..................................3
- ENG W131 Elementary Composition I ..................................3
- SPCH S121 Public Speaking ..................................3

9 credit hours with one course selected from each of the following areas:

- ENG L101 Western World Masterpieces I or ENG L102 Western World Masterpieces II ....3
- FINA H100 Art Appreciation or MUS M174 Music for the Listener or THTR T100 Introduction to Theatre or THTR T105 Theatre Appreciation ......................3
- PHIL P100 Introduction to Philosophy or PHIL P140 Elementary Ethics or REL R152 Introduction to Religion in the West or REL R153 Religions of the East or Foreign Language ..................................3-4

Life and Physical Sciences

(at least 14 credit hours)

Science education majors should consult with the secondary science education advisor before taking courses in this area. Non-science majors must select one 5 credit hour course with laboratory from the following courses.

BIOL L100 Humans and the Biological World ..................................3-5

CHEM C104 Physical Sciences and Society ..................................3-5

GEOL G100 Earth Science: Geologic Aspects or GEOG G107 Physical Systems of the Environment or SPEA E162 Environment and People ..................3-5

MATH M117 Intermediate Algebra (or higher) ....3

Social and Behavioral Sciences

(at least 12 credit hours)

Social studies majors should consult with the secondary social studies advisor before taking courses in this area.

Take one course from each of the four following areas:

- ANTH E105 Culture and Society or SOC S163 Social Problems or SOC S216 American Ethnic Diversity ..................3
- HIST H103 Europe: Renaissance to Napoleon or HIST H104 Europe: Napoleon to the Present or HIST H105 American History I or HIST H106 American History II ..................3
- POLS Y103 Introduction to American Politics or POLS Y105 Introduction to Political Theory or POLS Y109 Introduction to World Politics ..................3
- PSY P101 Introductory Psychology I or PSY P102 Introductory Psychology II or ECON E100 Current Economics Topics or ECON E107 Introduction to Macroeconomics or ECON E108 Introduction to Microeconomics or GEOG G110 Introduction to Human Geography or GEOG G201 World Regional Geography ............3

B. Professional Education

The student must complete a minimum of 31 credit hours in professional education, which includes the following:

- EDUC H340 Education and American Culture ........3
- EDUC P250 Educational Psychology ..................2
- EDUC P255 Educational Psychology for Middle and Secondary School Teachers ........2
- EDUC M201 Laboratory/Field Experience in Educational Psychology .................1
- EDUC W200 Microcomputers for Education: An Introduction (Students in secondary education are required to either take concurrently or have taken W200 or its equivalent prior to educational psychology.) ........3
- EDUC M310 General Methods ..................2

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1Students must earn a minimum GPA of 2.5 in these courses with no grade below a C (2.0).
C. Teaching Majors and Minors

Secondary education students must complete a teaching major in either English, mathematics, science, or social studies with a minimum grade point average of 2.5 in all certification areas. Additionally, students are encouraged to complete one or more teaching minors. If chosen, these must also be completed with a minimum grade point average of 2.5. Teaching majors, minors, and endorsements offered by Indiana University Southeast are as follows:

1. Major in English
   (a minimum of 36 credit hours)
   ENG G205 Introduction to the English Language ....3
   ENG L101/L102 Western World
   Masterpieces I-II .........................................6
   ENG L220 Introduction to Shakespeare ...............3
   ENG L376 Literature for Adolescents ..................3
   ENG W203 Creative Writing ................................3
   ENG W350 Advanced Expository Writing ...............3
   Select two courses from the following:
   ENG L297 Critical and Historical
   Study of English Literature I ..........................3
   ENG L298 Critical and Historical
   Study of English Literature II ..........................3
   ENG L299 Critical and Historical
   Study of English Language III .........................3
   Select two courses from the following:
   ENG L351 Critical and Historical
   Study of American Literature I ........................3
   ENG L352 Critical and Historical
   Study of American Literature II .......................3
   ENG L354 Critical and Historical
   Study of American Literature III ....................3
   JOUR C200 Introduction to
   Mass Communication ....................................3

2. Major in Mathematics
   (a minimum of 36 credit hours)
   MATH M215 Analytic Geometry
   and Calculus I ..............................................5
   MATH M216 Analytic Geometry
   and Calculus II .................................................5
   MATH M303 Linear Algebra for
   Undergraduates .............................................3
   MATH M313 Elementary Differential
   Equations with Applications or
   MATH M447 Mathematical Models and
   Applications I or
   computer science course above C106 ............3-4
   MATH M360 Elements of Probability .................3
   MATH M366 Elements of Statistical Inference ....3
   MATH M391 Foundations of the Number
   System or
   MATH M403 Introduction to Modern Algebra I ..3
   MATH M436 Introduction to Geometries ...............3
   Electives in mathematics and computer science ....8

3. Major in Science
   (a minimum of 51 credit hours of science) including:
   BIOL L100 Humans and the Biological
   World (5 cr.) and
   CHEM C104 Physical Sciences and
   Society (3 or 5 cr.) and
   GEOG G107 Physical Systems of the
   Environment (3 or 5 cr.) or
   GEOL G100 Earth Science: Geologic Aspects (5 cr.)
   SPEA E162 Environment and People (3 cr.) ...19-23
   also at least one primary area (24 credit hours)
   and one support area (15 credit hours)

Primary Areas:

Biology (28-30 credit hours)
   BIOL K322 Principles of Genetics .................3
   BIOL K323 Laboratory Genetics .....................2
   BIOL L473/L474 Ecology or
   BIOL L303 Field Biology ...............................3-5
   ZOOL Z103 Animal Biology or
   BIOL L101 Introduction to
   Biological Sciences I ....................................5
   and
   PLSC B203 Survey of the Plant Kingdom or
   BIOL L102 Introduction to Biological Sciences II ........................................5
   MICR M310/M315 Microbiology ......................5
   PHSL P215 Basic Mammalian Physiology .........5
### Chemistry (24 credit hours)
- CHEM C105 Principles of Chemistry I ..........5
- CHEM C106 Principles of Chemistry II ..........5
- CHEM C341/C343 Organic Chemistry I ..........5
- CHEM C342/C344 Organic Chemistry II ..........5
- Electives selected from 300- and 400-level chemistry courses .................................................4

### General Science (24 credit hours)
- BIOL L101 Introduction to Biological Sciences I or BIOL L102 Introduction to Biological Sciences II or
- PLSC B203 Survey of the Plant Kingdom or ZOOL Z103 Animal Biology ........................................5
- CHEM C101/C121 Elementary Chemistry I ............5
- GEOL G100 Earth Science: Geologic Aspects ...5
- PHYS P201 General Physics I .................................5
- Electives selected from at least two areas in biology, chemistry, physics, and earth/space science .................................................4

### Mathematics (25 credit hours)
(only with physics or chemistry as support area)
- MATH M215 Analytic Geometry and Calculus I ..................................................5
- MATH M216 Analytic Geometry and Calculus II ..................................................5
- MATH M303 Linear Algebra for Undergraduates ..................................................3
- MATH M360 Elements of Probability ...............3
- MATH M366 Elements of Statistical Inference ..........3
- MATH M391 Foundations of the Number System or MATH M403 Introduction to Modern Algebra I ...............3
- MATH M436 Introduction to Geometries ..........3

### Support Areas:

#### Biology (18-20 credit hours)
- BIOL K322 Principles of Genetics ..................3
- BIOL K323 Laboratory in Genetics .................2
- BIOL L473/L474 Ecology or BIOL L303 Field Biology ..................................................3-5
- ZOOL Z103 Animal Biology or BIOL L100 Introduction to Biological Sciences I ..................5
- PLSC B203 Survey of the Plant Kingdom or BIOL L102 Introduction to Biological Sciences II ..................................................5

#### Chemistry (15 credit hours)
- CHEM C105 Principles of Chemistry I ..........5
- CHEM C106 Principles of Chemistry II ..........5
- CHEM C341/C343 Organic Chemistry I ..........5

#### Earth/Space Science (16 credit hours)
- AST A100 The Solar System or AST A105 Stellar Astronomy ...........................................3
- GEOG G107 Physical Systems of the Environment ..................................................5
- GEOG G304 Climatology ...........................................3
- GEOG G100 Earth Science: Geologic Aspects ...........................................5

#### General Science (20 credit hours)
- ZOOL Z103 Animal Biology or BIOL L101 Introduction to Biological Sciences I ..................5
- Electives selected from at least two areas in biology, chemistry, physics, and earth/space science .................................................4

#### Mathematics (16 credit hours)
(only with physics or chemistry as primary area)
- MATH M215 Analytic Geometry and Calculus I ..................................................5
- MATH M216 Analytic Geometry and Calculus II ..................................................5
- MATH M391 Foundations of the Number System or MATH M436 Introduction to Geometries ..........3

#### Physical Science (15 credit hours)
- CHEM C101/C121 Elementary Chemistry I .......5
- GEOL G100 Earth Science: Geologic Aspects ..................................................5
- PHYS P201 General Physics I .................................5

#### Physics (15 credit hours)
- PHYS P201 General Physics I and
- PHYS P202 General Physics II or
- PHYS P221 Physics I and
- PHYS P222 Physics II ...........................................10
- PHYS P301 Physics III ...........................................3
- PHYS P309 Intermediate Physics Laboratory ..2
4. **Major in Social Studies**  Students must take one primary area (18 credit hours), two support areas (each 12 credit hours), and 10 credit hours of diversified social studies (one course from four different social studies content areas) not included in the primary and support areas; United States history must be either a primary area or one of the support areas. Social studies majors must take:

ANTH E105; ECON E107 or E108; GEOG G201; HIST H101; HIST H105 or H106; POLS Y103; and PSY P101 or P102.

**Primary Areas:**

- **Economics** (18 credit hours)
  - ECON E107 Introduction to Macroeconomics ......3
  - ECON E108 Introduction to Microeconomics ......3
  - ECON E325 Comparative Economic Systems.......3
  - Electives in economics (300-400 level)...........9

- **Geography** (18 credit hours)
  - GEOG G107 Physical Systems of the Environment.................................................................3
  - GEOG G110 Introduction to Human Geography .............................................................................3
  - GEOG G201 World and Regional Geography.......3
  - Electives in human geography (at least 6 credit hours at 300-400 level).................................9

- **Government** (18 credit hours)
  - POLS Y103 Introduction to American Politics .....3
  - POLS Y105 Introduction to Political Theory ......3
  - POLS Y109 Introduction to World Politics ..........3
  - Electives in political science (300-400 level)......9

- **Psychology** (18 credit hours)
  - PSY B310 Life-Span Development ....................3
  - PSY P101 Introductory Psychology I ................3
  - PSY P102 Introductory Psychology II ..............3
  - PSY P211 Methods of Experimental Psychology ..3
  - Electives in psychology (300-400 level)..........6

- **Sociology** (18 credit hours)
  - SOC S163 Social Problems.................................3
  - SOC R220 The Family .......................................3
  - SOC S325 Criminology or
    SOC S328 Juvenile Delinquency .....................3
  - Electives in sociology (at least 6 credit hours at the 300-400 level).................................9

- **United States History** (18 credit hours)
  - HIST H105 American History: General Course I ......................................................3
  - HIST H106 American History: General Course II ......................................................3

  HIST A301 Colonial and Revolutionary America I or
  HIST A302 Colonial and Revolutionary America II or
  HIST A303 United States History
  1789-1865 I .....................................................3

- **World Civilizations** (18 credit hours)
  - HIST H101 The World in the Twentieth Century I ..................................................3
  - HIST H103 Europe: Renaissance to Napoleon .................................................................3
  - HIST H104 Europe: Napoleon to the Present ..........3
  - Electives in world history (200-400 level); at least one must be in non-Western history ......9

**Support Areas:**

- **Anthropology** (12 credit hours)
  - ANTH A105 Human Origins and Prehistory .................................................................3

- **Economics** (12 credit hours)
  - ECON E107 Introduction to Macroeconomics ......3

- **Geography** (12 credit hours)
  - GEOG G201 World and Regional Geography.......3

- **Government** (12 credit hours)
  - POLS Y103 Introduction to American Politics .....3

- **Psychology** (12 credit hours)
  - PSY P101 Introductory Psychology I ................3

- **Sociology** (18 credit hours)
  - SOC S163 Social Problems.................................3

- **United States History** (18 credit hours)
  - HIST H105 American History: General Course I ......................................................3
  - HIST H106 American History: General Course II ......................................................3

  HIST A301 Colonial and Revolutionary America I or
  HIST A302 Colonial and Revolutionary America II or
  HIST A303 United States History
  1789-1865 I .....................................................3

  HIST A313 Origins of Modern America or
  HIST A314 Recent United States History I or
  HIST A315 Recent United States History II ..........3

  Electives in U.S. history (300-400 level)...........6

- **World Civilizations** (18 credit hours)
  - HIST H101 The World in the Twentieth Century I ..................................................3

  HIST H103 Europe: Renaissance to Napoleon .................................................................3

  HIST H104 Europe: Napoleon to the Present ..........3

  Electives in world history (200-400 level); at least one must be in non-Western history ......9

- **Anthropology** (12 credit hours)
  - ANTH A105 Human Origins and Prehistory .................................................................3

- **Economics** (12 credit hours)
  - ECON E107 Introduction to Macroeconomics ......3

- **Geography** (12 credit hours)
  - GEOG G201 World and Regional Geography.......3

- **Government** (12 credit hours)
  - POLS Y103 Introduction to American Politics .....3

- **Psychology** (12 credit hours)
  - PSY P101 Introductory Psychology I ................3

- **Sociology** (18 credit hours)
  - SOC S163 Social Problems.................................3

- **United States History** (18 credit hours)
  - HIST H105 American History: General Course I ......................................................3

  HIST H106 American History: General Course II ......................................................3

  HIST A301 Colonial and Revolutionary America I or
  HIST A302 Colonial and Revolutionary America II or
  HIST A303 United States History
  1789-1865 I .....................................................3

  HIST A313 Origins of Modern America or
  HIST A314 Recent United States History I or
  HIST A315 Recent United States History II ..........3

  Electives in U.S. history (300-400 level)...........6

- **World Civilizations** (18 credit hours)
  - HIST H101 The World in the Twentieth Century I ..................................................3

  HIST H103 Europe: Renaissance to Napoleon .................................................................3

  HIST H104 Europe: Napoleon to the Present ..........3

  Electives in world history (200-400 level); at least one must be in non-Western history ......9
**Sociology** (12 credit hours)
SOC S163 Social Problems ........................................3
SOC R220 The Family .............................................3
SOC S325 Criminology or SOC S328 Juvenile Delinquency ..........3
Elective in sociology (300-400 level) ........................3

**United States History** (12 credit hours)
HIST H105 American History: General Course I .................3
HIST H106 American History: General Course II ..............3
HIST A301 Colonial and Revolutionary America I or
HIST A302 Colonial and Revolutionary America II or
HIST A303 United States History 1789-1865 I ............3
HIST A313 Origins of Modern America or
HIST A314 Recent United States History I or
HIST A315 Recent United States History II ..........3

**World Civilization** (12 credit hours)
HIST H101 The World in the Twentieth Century I ...............3
HIST H103 Europe: Renaissance to Napoleon ..........3
HIST H104 Europe: Napoleon to the Present ........3
Elective in world history (200-400 level) ..................3

5. **Minor Areas**
Students may complete one or more minors from among the following:

**Biology** (28-30 credit hours)
BIOL K322 Principles of Genetics ..........................3
BIOL K323 Laboratory in Genetics ..........................2
BIOL L473/L474 Ecology or BIOL L303 Field Biology .......3-5
ZOOL Z103 Animal Biology or
BIOL L101 Introduction to Biological Sciences I ...........5
MICR M310/M315 Microbiology ...............................5
PHSL P215 Basic Mammalian Physiology ....................5
PLSC B203 Survey of the Plant Kingdom or BIOL L102 Introduction to Biological Sciences II ..............5

**Chemistry** (24 credit hours)
CHEM C105 Principles of Chemistry I .....................5
CHEM C106 Principles of Chemistry II .....................5
CHEM C341-C343 Organic Chemistry I ....................5
CHEM C342-C344 Organic Chemistry II ....................5
Electives in chemistry (300-400 level) .....................4

**Earth/Space Science** (24 credit hours)
AST A100 The Solar System or
AST A105 Stellar Astronomy .................................3
GEOG G107 Physical Systems of the Environment .........5
GEOG G304 Climatology ......................................3
GEOL G100 Earth Science: Geologic Aspects ............5
Electives selected from at least two areas of geology, meteorology, astronomy, and oceanography .................8

**Economics** (24 credit hours)
ECON E107 Introduction to Macroeconomics ..........3
ECON E108 Introduction to Microeconomics ............3
ECON E325 Comparative Economic Systems ........3
Electives in economics (300-400 level) .................6
One 3 credit hour course from three of the following fields: anthropology, geography, political science, psychology, sociology, U.S. history, world civilization .................9

**English** (24 credit hours)
ENG G205 Introduction to the English Language ..........3
ENG L101 Western World Masterpieces I .................3
ENG L102 Western World Masterpieces II ........3
ENG L297, L298, or L299 Critical and Historical Study of English Literature I, II, or III .........3
ENG L351, L352, or L354 Critical and Historical Study of American Literature I, II, or III ........3
ENG W203 Creative Writing .................................3
ENG W350 Advanced Expository Writing ........3
JOUR C200 Introduction to Mass Communication ........3

**French** (24 credit hours)
FREN F200 Second-Year French I ..........................3
FREN F250 Second-Year French II ..........................3
FREN F305 Chefs-d’oeuvre de la littérature française I ..3
FREN F306 Chefs-d’oeuvre de la littérature française II ....3
FREN F315 French Conversation and Diction I ........3
FREN F363 Introduction à la France moderne ........3
Electives in French (200-400 level) .....................6

**General Science** (24 credit hours)
CHEM C101-C121 Elementary Chemistry I ........5
GEOL G100 Earth Science: Geologic Aspects ........5
PHYS P201 General Physics I ..................................5
ZOOL Z103 Animal Biology or
PLSC B203 Survey of the Plant Kingdom ..........5
Electives selected from at least two areas in biology, chemistry, physics, and earth/space science..................................................4

**Geography** (24 credit hours)
GEOG G107 Physical Systems of the Environment .................................................3
GEOG G110 Introduction to Human Geography .....................................................3
GEOG G201 World and Regional Geography .........................................................3
Electives in human geography (300-400 level) ..............6
One 3 credit hour course from three of the following fields: anthropology, economics, political science, psychology, sociology, U.S. history, world civilization .................9

**German** (24 credit hours)
GER G200 Oral Practice, Writing and Reading I ..................................................3
GER G250 Oral Practice, Writing and Reading II ..................................................3
GER G300 Deutsch: Mittelstufe I ..............................................................3
GER G330 Deutsch: Mittelstufe II ..............................................................3
GER G305 Introduction to German Literature: Genres ........................................3
GER G363 Deutsche Kulturgeschichte .......................................................3
Electives in German (200-400 level) ...........................6

**Government** (24 credit hours)
POLS Y103 Introduction to American Politics ....................................................3
POLS Y105 Introduction to Political Theory ...................................................3
POLS Y109 Introduction to World Politics .......................................................3
Electives in Political Science (300-400 level) ..................6
One 3 credit hour course from three of the following fields: anthropology, economics, geography, psychology, sociology, U.S. history, world civilization .........................9

**Health and Safety** (24 credit hours)
BIOL L100 Humans and the Biological World .........................................5
EDUC P255 Educational Psychology for Middle and Secondary Teachers ..........2
HPER C366 Health Problems in the Community .............................................3
HPER H160 First Aid and Emergency Care or
HPER H460 Practicum in First Aid Instruction ........................................2
HPER H363 Personal Health ...................................................3

**Journalism** (24 credit hours)
JOUR C200 Introduction to Mass Communication ............................................3
JOUR J200 Reporting, Writing and Editing I ...............................................3
JOUR J201 Reporting, Writing and Editing II .............................................3
JOUR J344 Photojournalism in Reporting ..................................................3
JOUR J351 Newspaper Editing .............................................................3
JOUR J290 Internship in Journalism ....................................................3
Elective in journalism (200-400 level) ..............................3

**Mathematics** (25 credit hours)
MATH M215 Analytic Geometry and Calculus I ..........................................5
MATH M216 Analytic Geometry and Calculus II ..........................................5
MATH M303 Linear Algebra for Undergraduates .............................................3
MATH M360 Elements of Probability ......................................................3
MATH M366 Elements of Statistical Inference ............................................3
MATH M391 Foundation of the Number System or
MATH M403 Introduction to Modern Algebra I ...........................................3
MATH M436 Introduction to Geometries ..................................................3

**Physical Education** (24 credit hours)
BIOL L100 Humans and the Biological World ...........................................5
HPER H160 First Aid or
HPER H460 Practicum in First Aid Instruction ........................................2
HPER H363 Personal Health .............................................................3
HPER P140 Foundations of Physical Education ...........................................2
HPER P205 Structural Kinesiology .........................................................3
HPER P495 Laboratory Teaching in the Physical Education Program ................2
HPER R324 Recreational Sports Programming .............................................3
Electives: Any two service courses ..............................................2
Two of the following:
HPER A361 Coaching of Football ...........................................1.5
HPER A362 Coaching of Basketball ...............................................1.5
HPER A363 Coaching of Baseball ...........................................1.5
HPER A364 Coaching of Track and Field ........................................1.5
HPER A368 Coaching of Tennis ...................................................1.5
**Physical Science** (24 credit hours)
- CHEM C101-C121 Elementary Chemistry I ............ 5
- GEOL G100 Earth Science: Geological Aspects ....... 5
- PHYS P201 General Physics I .......................... 5
Electives selected from at least two areas in chemistry, earth/space science, and physics ... 9

**Physics** (24 credit hours)
- PHYS P201 General Physics I and PHYS P202 General Physics II or PHYS P221 Physics I and PHYS P222 Physics II .............................................. 10
- PHYS P301 Physics III ..................................... 3
- PHYS P331 Theory of Electricity and Magnetism .......................................................... 3
- PHYS P340 Thermodynamics and Statistical Mechanics .................................................. 3

Electives selected from 300- and 400-level physics courses ...................................... 5

**Psychology** (24 credit hours)
- PSY P101 Introductory Psychology I .................. 3
- PSY P102 Introductory Psychology II .................. 3
- PSY P211 Methods of Experimental Psychology .......................................................... 3

Electives in psychology (at least 3 credit hours at 300-400 level) .............................. 6

One 3 credit hour course from three of the following fields: anthropology, economics, geography, political science, sociology, U.S. history, world civilization .................. 9

**Sociology** (24 credit hours)
- SOC S163 Social Problems .................................. 3
- SOC R220 The Family ......................................... 3
- SOC S325 Criminology or SOC S328 Juvenile Delinquency ........................................... 3

Electives in sociology (at least 3 credit hours at 300-400 level) .............................. 6

One 3 credit hour course from three of the following fields: anthropology, economics, geography, political science, psychology, U.S. history, world civilization .................. 9

**Spanish** (24 credit hours)
- SPAN S200 Second-Year Spanish I .......................... 3
- SPAN S250 Second-Year Spanish II ................... 3
- SPAN S275 Hispanic Culture and Conversation .................................................. 3

One of the following:
- SPAN S301-S302-S303 The Hispanic World I-II-III ........................................... 3
- SPAN S312 Written Composition in Spanish ........ 3
- SPAN S317 Spanish Conversation and Diction .... 3
- Electives in Spanish (200-400 level) ..................... 6

**Special Education Minors (K-12)**
An all-grade (K-12) minor may be added to a secondary teaching major. In order to pursue and complete this program, students must meet those requirements in the bulletin that relate to admission, good standing, and student teaching in the program and the major. The endorsement requires completion of the core and selection of specialty (a), (b), or (c) below.

**Core Endorsement Courses**
- EDUC K205 Introduction to Exceptional Children ............................................... 3
- EDUC K345 Academic and Behavioral Assessment .................................................. 3
- EDUC K453 Management of Academic and Social Behavior ..................................... 3
- EDUC W200 Microcomputers in Education .................................................. 3
- EDUC K480 Student Teaching in Special Education ............................................... 3
- EDUC P407 Psychological Measurement in Schools .................................................. 3
- EDUC M310 General Methods .............................................. 2
- EDUC M464 Methods of Teaching High School Reading ...................................... 3
- EDUC M470 Practicum in Special Education (for each specialty area) ..................... 3
- EDUC N523 Workshop in Elementary Mathematics or
- EDUC N543 Advanced Study of Teaching Elementary Mathematics ..................... 3
- EDUC E545 Advanced Study of Teaching Reading .............................................. 3

**(a) Emotionally Handicapped**
- EDUC K343 Education of Socially and Emotionally Disturbed I ....................... 3
- EDUC K344 Education of Socially and Emotionally Disturbed II ..................... 3
- EDUC K495 Laboratory/Field Experiences in Special Education ..................... 3

**(b) Learning Disability**
- EDUC K352 Education of Children with Learning Problems ..................................... 3
- EDUC K370 Introduction to Learning Disabilities .................................................. 3
EDUC K350 Introduction to Mental Retardation .................................................. 3
EDUC K352 Education of Children with Learning Problems ................................ 3

**Speech Communication and Theatre**
(24 credit hours)
SPCH S121 Public Speaking .............................................................................. 3
SPCH S205 Introduction to Speech or SPCH S222 Social Influences of Speech ...... 3
THTR T115 Oral Interpretation I ................................................................. 3
THTR T120 Acting I ...................................................................................... 3
THTR T225 Stagecraft I .................................................................................. 3
THTR T270 Introduction to History of Theatre I ................................................ 3

Electives in speech and theatre ................................................................. 6

**United States History** (24 credit hours)
HIST H105 American History: General Course I ............................................ 3
HIST H106 American History: General Course II ........................................... 3
HIST A301 Colonial and Revolutionary America I or
HIST A302 Colonial and Revolutionary America II or
HIST A303 United States History 1789-1865 I .............................................. 3
HIST A313 Origins of Modern America or
HIST A314 Recent United States History I or
HIST A315 Recent United States History II ................................................. 3
Elective in U.S. history (at the 300-400 level) .............................................. 3

One 3 credit hour course from three of the following fields: anthropology, economics, geography, political science, psychology, sociology, world civilization ....................... 9

**Visual Arts** (24 credit hours)
EDUC M453 Methods in Teaching High School Art ........................................ 3
FINA A101 Ancient and Medieval Art or
FINA A102 Renaissance Through Modern Art ............................................ 3
FINA F100 Fundamental Studio–Drawing ................................................... 3
FINA F102 Fundamental Studio–2D .............................................................. 3
FINA S200 Drawing I .................................................................................. 3
FINA S230 Painting I .................................................................................. 3
FINA S240 Printmaking I ............................................................................ 3
FINA S260 Ceramics I .................................................................................. 3

**World Civilization** (24 credit hours)
HIST H101 The World in the Twentieth Century I ............................................. 3

HIST H103 Europe: Renaissance to Napoleon ............................................. 3
HIST H104 Europe: Napoleon to the Present ............................................. 3

Electives in world civilization (200-400 level), at least one of which must be in non-Western history ................................................................. 6

One 3 credit hour course from three of the following fields: anthropology, economics, geography, political science, psychology, sociology, U.S. history ......................... 9

6. **Endorsement Coaching**

HPER A483 Principles of Sports Officiating .................................................. 1-1-1
HPER H363 Personal Health .......................................................................... 3
HPER H460 Practicum in First Aid Instruction ........................................... 3
HPER P205 Structural Kinesiology .............................................................. 3

Choose four courses:
HPER A361 Coaching of Football ................................................................ 1.5
HPER A362 Coaching of Basketball ............................................................. 1.5
HPER A363 Coaching of Baseball ................................................................. 1.5
HPER A364 Coaching of Track and Field .................................................... 1.5
HPER A368 Coaching of Tennis ................................................................. 1.5

**D. Variance from Requirements**

Students wishing to request a course or program variance from any of the requirements listed above may petition for an exception from the School of Education office. Students will receive written notification of action taken in all such cases.

**Bachelor of Science in Education in Special Education**

Candidates for the Bachelor of Science should first review “General Requirements for All Degrees at IUS.”

**PLEASE NOTE:** The contents of this bulletin are subject to change with appropriate notice by the School of Education. Students are responsible for consulting with their advisors regularly and participating in orientations to learn of changes that may apply to them.

Students entering the IUS program in special education after June 2002 will be required to meet new curriculum requirements aligned with the new licensure patterns adopted by the Indiana Professional Standards Board. Students entering the program before June 2002 may earn licensure under the programs identified in this bulletin provided they graduate by June 30, 2006. Students seeking licensure as described in this bulletin who will not be finished by June 30, 2006 should transition to the new...
program requirements through their advisor as soon as possible after May 30, 2001.

The bachelors degree in special education prepares students to teach children and youth with disabilities. Specializations within the major lead to all-grade (P-12) certification to teach mild disabilities or emotional disabilities. The degree combines general education with professional and pedagogical studies.

A. Program Outcomes
The program focuses on the following outcomes:
1. using specific foundational knowledge.
2. applying growth and development theories.
3. utilizing assessment.
4. capitalizing on students’ prior knowledge and experience.
5. establishing enriched and safe environments.
6. implementing developmental and multiple learning approaches.
7. teaching social skills.
8. being professional and reflective.
9. collaborating.
10. accessing community and technological resources.

B. Degree and Certification Requirements
The Bachelor of Science in Education in special education, along with recommendation for certification by the Indiana Professional Standards Board, will be granted to students who are approved by the School of Education and have satisfactorily completed the following:
1. admission to Indiana University
2. admission to the School of Education as a preeducation major
3. admission to the Teacher Education Program
4. program course requirements, as described in section C below
5. student teaching
6. application for the degree by October 1 prior to graduation in May; March 1 for August graduation; and June 1 for December graduation
7. attainment of passing scores on the appropriate exit test(s) prior to certification

Application forms and directions in connection with requirements listed above are available in the School of Education office.

C. Course Requirements
Required courses in the curriculum leading to the degree of Bachelor of Science in Education in special education and the standard certificate under Rule 46/47 are listed in the following sections. Students must complete a minimum of 130 credit hours with no less than a 2.5 for the overall grade point average for all course work. No grade less than B– is acceptable for special education courses (designated with a K). Acceptance and good standing in teacher education are required for enrollment in K courses other than K205. All other EDUC courses and MATH T101/T102/T103 require a minimum grade of C. As a group, course grades for ENG G207, W131, and SPCH S121 must average no less than 2.5 with no less than a grade of C in each course. A minimum grade point average of 2.5 is required for the set of required courses in the humanities area, life and physical sciences area, and social and behavioral sciences area. Because some courses are offered only annually, students should consult a special education advisor each semester. Helpful information regarding the sequence of courses is available from the program coordinator and the School of Education’s academic advisor.

General Education
1. Humanities (18 credit hours)
   ENG G207 English Grammar and Usage.............3
   ENG W131 Elementary Composition I ...............3
   ENG W290 Writing in the Arts and Sciences .......3
   SPCH S121 Public Speaking..........................3
   SPCH S122 Interpersonal Communication.........3
   Fine arts appreciation.................................3

2. Life and Physical Sciences (20 credit hours)
   BIOL L100 Humans and the Biological World..3-5
   CHEM C104 Physical Sciences and Society ......3-5
   MATH T101-T102-T103 Mathematics for the Elementary Teacher...........................................3-3-3
   SPEA E162 Environment and People...............3

3. Social and Behavioral Sciences (9 credit hours)
   GEOG G201 World Regional Geography............3
   HIST H105 American History: General Course I or
   HIST H106 American History: General Course II or
   POLS Y103 Introduction to American Politics .....3
   SOC S163 Social Problems or
   ANTH E105 Culture and Society .....................3
   SOC S216 American Ethnic Diversity...............3
4. Other (12 credit hours)
   EDUC E449 Trade Books and the Teacher ..........3
   First aid and CPR certification/Electives ..........9

5. Professional Education (33-37 credit hours; 2.5 minimum GPA)
   EDUC H340 Education and American Culture ...3
   EDUC K205 Introduction to Exceptional Children .............................................3
   EDUC P250 Educational Psychology ......................2
   EDUC P251 Educational Psychology for Elementary Teachers ....................................2
   EDUC M201 Laboratory/Field Experiences ......1
   EDUC W200 Microcomputers for Education ......3
   EDUC P255 Educational Psychology for Middle and Secondary Teachers .................2
   EDUC M310 General Methods .................................................2
   EDUC M311 General Methods for Elementary and Kindergarten Teachers .....................1
   EDUC M301 Laboratory/Field Experience ......1-2
   EDUC E325 Social Studies Methods in the Elementary School ..................................2
   EDUC M301 Laboratory/Field Experience—Social Studies ........................................0-1
   EDUC E328 Science in the Elementary School ....2
   EDUC M301 Laboratory/Field Experience—Science ................................................0-1
   EDUC E343 Mathematics in the Elementary Schools .................................................3
   EDUC E339 Methods of Teaching Language Arts .........................................................3
   EDUC M301 Laboratory/Field Experience—Language Arts ............................................0-1
   EDUC E340 Methods of Teaching Reading I .........3
   EDUC E341 Methods of Teaching Reading II ......3

Specialty Course Work (39 credit hours)
   EDUC K345 Academic and Behavioral Assessment of the Mildly Handicapped ........3
   EDUC K453 Management of Academic and Social Behavior .........................................3
   EDUC P407 Psychological Measurement in the Schools ..............................................3
   EDUC K480 Student Teaching: Special Education .......................................................9
   EDUC K488 Supervised Teaching: Special Education ...................................................6

Complete either (a) or (b) below:

(a) Emotionally Handicapped
   EDUC K343 Education of the Socially and Emotionally Disturbed I .........................3
   EDUC K344 Education of the Socially and Emotionally Disturbed II .......................3
   EDUC K370 Introduction to Learning Disabilities ....................................................3
   EDUC M470 Practicum in Special Education ....3
   EDUC K495 Lab/Field Experience in Special Education ...........................................3

(b) Mild Disabilities
   EDUC K350 Introduction to Mental Retardation ......................................................3
   EDUC K352 Education of Children with Learning Problems ..................................3
   EDUC K370 Introduction to Learning Disabilities ....................................................3
   EDUC M470 Practicum in Special Education ......6

D. Other General Requirements

Students majoring in special education must meet requirements relating to admission, good standing, and student teaching in education, as outlined in the “Admission to Teacher Education” section of this bulletin.

Students should complete the following courses and requirements as quickly as possible:

1. EDUC H340 Education and American Culture
2. EDUC K205 Education of the Exceptional Child (take immediately after H340)
3. EDUC P250 General Education Psychology/P251 Educational Psychology for Elementary Teachers/M201 Laboratory and Field Experiences
4. ENG W131 Elementary Composition I
5. The Preprofessional Skills Test (PPST) with passing scores

Consult program advisors, the course descriptions in this bulletin, and advising checksheets distributed by the School of Education for additional guidance.

E. Variance from Requirements

Students wishing to request a course or program variance from any of the requirements listed above may petition for an exception from the School of Education office. Students will receive written notification of action taken in all such cases.
Associate of Science in Recreational Leadership (65 credit hours)

Notice: Pursuant to campus and School of Education policy, no student convicted of a sex offense against children shall be eligible for School of Education course work or programs. Details of the policy can be found in the School of Education office.

Note: This program is currently undergoing major revisions which were not completed in time for inclusion in this bulletin. Students are strongly urged to consult with the program coordinator regarding the implications of these changes for their course selection.

This program provides preparation for individuals desiring positions in public and private recreational settings, including but not limited to municipal recreation departments, commercial resorts, health and fitness facilities, and other commercial recreational enterprises.

To be eligible for graduation with the degree of Associate of Science in Recreation, students must be approved by the School of Education and must have completed the following:

1. admission to the university and to the School of Education
2. completion of course requirements as described below
3. maintenance of a minimum GPA of 2.0
4. application for the degree by October 1 prior to graduation in December, May, or August

General Education (29 credit hours)

Required (6 cr.)
ENG W131 Elementary Composition (3 cr.)
SPCH S122 Interpersonal Communication (3 cr.)

Electives (23 cr.)
ENG W231 Professional Writing Skills (3 cr.)
PSY P101 Introductory Psychology I (3 cr.)
PSY P102 Introductory Psychology II (3 cr.)
SOC S163 Social Problems (3 cr.)
SPCH S121 Public Speaking (3 cr.)
Life or Physical Science elective w/lab (5 cr.)
History or Political Science elective (3 cr.)
Humanities elective (3 cr.)
Sociology elective (3 cr.)
Statistics elective (3 cr.)

Professional (32 credit hours)

Required (16 cr.)
HPER H160 First Aid and Emergency Care (2 cr.)
HPER R160 Recreation and Leisure (3 cr.)
HPER R272 Recreational Activities and Leadership Methods (3 cr.)
HPER R324 Recreational Sports Programming (3 cr.)
HPER R399 Practicum in Parks and Recreation (5 cr.)

Electives (6 credit hours)
HPER R270 Special Recreation Services (3 cr.)
HPER R271 Dynamics of Outdoor Recreation (3 cr.)
HPER R317 Seminar in Parks and Recreation (3 cr.)
HPER R367 Leisure Programs Development (3 cr.)

Additional Electives (10 credit hours)
HPER E100 Snowboarding (1 cr.)
HPER E133 Fitness and Jogging I (1 cr.)
HPER E233 Fitness and Jogging II (1 cr.)
HPER E181 Tennis (1 cr.)
HPER E185 Volleyball (1 cr.)
HPER E196 Skiing/Downhill (1 cr.)
Any activities courses not listed above (1-3 cr.)
Any two of the coaching courses (1.5 cr.)
FINA S111 Fundamental Studio I (4 cr.)
FINA T255 Crafts and Design (3 cr.)
MUS E241 Introduction to Music Fundamentals (3 cr.)
MUS X040 or X070 or X350 university ensembles
THTR T120 Acting I (3 cr.)
THTR T340 Directing I (3 cr.)

Electives to bring the total credit hours to 65.

The general-education requirements for other undergraduate HPER degrees can be met at IU Southeast. They vary among the various degrees; for specific courses see the Bulletin of the School of Health, Physical Education, and Recreation. Generally the following courses are applicable: Education H340; English W131; Home Economics H231; HPER H363, P140; Psychology P101; Speech S121; political science courses and other social sciences courses.

Graduate Study in Education

Notice: Pursuant to campus and School of Education policy, no student convicted of a sex offense against children shall be eligible for School of Education course work or programs. Details of the policy can be found in the school office.
The School of Education at Indiana University Southeast offers master’s degrees in education with majors in elementary education, secondary education, and counseling. In addition, the school offers graduate certification programs in reading, certain areas of special education, kindergarten, junior high school/middle school education, Indiana elementary administration and supervision, Indiana secondary administration and supervision, and Kentucky K-12 administration and supervision. A substantial number of graduate-level courses applicable to graduate degree programs in the IU School of Education in Bloomington and Indianapolis and/or toward periodic school attendance, master’s plus programs, or certification programs are offered as well.

Students planning to pursue IU Southeast master’s programs or certification programs are encouraged to follow carefully the program requirements outlined in this bulletin. Those pursuing other degrees or programs should follow the counsel of the appropriate dean or program advisor at that institution.

**Licensing Information**

Persons with questions about license renewal, expirations, and professionalization should contact the licensing office at (812) 941-2386.

**Expired Licenses**  
An individual may renew an expired Indiana teaching license by taking 6 credit hours of course work, either in education or in the teaching area(s).

**Renewal of Licenses**  
An individual may renew an Indiana teaching license by completing 6 credit hours of course work, either in education or in the teaching area(s).

**July 1, 1985**  
Since this date, teachers applying for the Initial Standard License have been required to pass the National Teacher Exam.

Kentucky K-12 administration and supervision applicants are required to pass the Kentucky Specialty Test and the School Leaders License Test.

**Admission of Persons Who Are Not Candidates for Degrees**

A student who is not a candidate for a graduate degree in education or for any type of teaching, administration, or supervision certificate requiring undergraduate or graduate study or both may be admitted to certain graduate courses in education even though he or she does not possess a bachelor’s degree from an accredited institution and/or may not have completed 10 credit hours of undergraduate education courses.

A student who wishes to take courses at Indiana University Southeast to transfer to another school for a specific purpose should be admitted as a special graduate student through the admissions office, UC 100.

**Graduate Advising at IU Southeast**

Graduate students are strongly encouraged to meet with an advisor to go over program requirements. Please call Student Services at (812) 941-2386 for an appointment.

**Graduate Requirements**

Regardless of when they are admitted into the graduate education program, students must meet the requirements stated in the IU Southeast Bulletin in effect at the time they actually begin their course work. Admitted students who do not earn credit for course work at IU Southeast during any one-year period must meet the requirements as stated in the IU Southeast Bulletin in effect when they resume their course work at IU Southeast.

Changes in program requirements may be approved after one issue of the IU Southeast Bulletin has been published but before the next issue is published. Since students may have to meet these new requirements, they are responsible for seeking regular advising and remaining apprised of program changes, particularly as such changes might affect eligibility for certification.

**Note:** New changes in state certification may affect the program. Please check with your advisor.

**Master’s Degrees in Elementary and Secondary Education**

These programs upgrade the knowledge and skills of in-service teachers. Practicing teachers will benefit from advanced courses in professional education, as well as from courses in their various teaching specialties. Courses in each program either broaden the certification of the individual or enhance knowledge in one or more subject areas.

The requirements for the Master of Science in Education degree with a major in elementary or secondary education are as follows:

1. **Application for the Graduate Program.** Students interested in graduate study should contact the School of Education at Indiana University Southeast for dates and times of advising and information sessions held each month. The completed materials must be submitted to the school student records office accompanied by official transcripts of all undergraduate and graduate course work completed, a photocopy of teaching certificate(s), and three letters of
recommendation from persons who have knowledge of the student’s ability to successfully pursue graduate study.

2. **Application Deadline.** Completed application materials of all prospective graduate students should be filed before registering for a course(s).

3. **Admission to Graduate Study.** To be granted admission, the prospective graduate student must:
   
   (a) hold a bachelor’s degree, representing not less than four years or the equivalent in undergraduate work, from an institution having full regional or national accreditation.
   
   (b) hold, or be eligible for, teacher license.
   
   (c) have a minimum grade point average of 2.5 on a 4.0 scale in all course work taken as an undergraduate and have at least a 3.0 grade point average on a 4.0 scale in all course work taken as a graduate student or a 3.0 grade point average for a graduate degree.

4. **Regulations Governing the Graduate Program.**

   (a) Students in their last undergraduate semester may take graduate courses which may later be applied to a graduate degree when 1) the undergraduate GPA is 3.0 or higher (exceptions are made in majors where grading is especially stringent, 2) the course work is not applied to an undergraduate degree, and 3) prior approval has been obtained from the graduate studies program coordinator.
   
   (b) A student must complete a minimum of 36 credit hours of approved credit. The work must include a minimum of 21 credit hours of education courses.
   
   (c) A student must complete a residency requirement during the period of graduate study by completing at least 21 credit hours of course work applicable to the master’s degree at Indiana University Southeast.
   
   (d) All course work transferred from other institutions must be approved prior to enrollment in the course work by the director of graduate studies. Failure to receive prior approval may result in the course work not being accepted. Up to 6 credit hours of acceptable course work from an accredited graduate institution may be allowed toward the degree. (Up to 15 credit hours of course work taken through any of the other campuses of Indiana University may be allowed, provided the courses being transferred are appropriate to the degree.) Course work that is not judged appropriate to the degree, or course work graded below a B, will not be accepted.
   
   (e) Not more than 9 hours of credit earned in workshops, by travel study, in extension courses, and/or in conferences may be applied toward the degree, and not more than 6 credit hours of such course work will be accepted by transfer. Course work taken by correspondence study is generally not acceptable for the degree. Courses taken by testing are not accepted for the degree.
   
   (f) A cumulative grade point average of 3.0 must be maintained in all course work (including graduate courses) taken after completion of the bachelor’s degree and being applied toward a Master of Science in Education degree.
   
   (g) All course work to be applied toward the degree must be completed within six calendar years from the date of the completion of the first course that is to be used toward the degree.
   
   (h) Completion of requirements for the Master of Science in Education does not necessarily mean that a student has met requirements for professional teaching, administrative, or supervisory certification.
   
   (i) An application for a master’s degree must be completed and filed in the School of Education office by October 1 prior to graduation in May; March 1 for August graduation; and June 1 for December graduation. Failure to file this application may result in failure to graduate at the expected time. The student is expected, and required, to check his or her record against the requirements of the degree to determine eligibility or deficiencies. This is a responsibility of the student rather than the university.
   
   (j) The recommended load for graduate students is no more than 6 credit hours during a fall or spring semester or either summer session.
   
   (k) Second master’s degree: under certain conditions students holding an M.S. in Education from Indiana University may be eligible for a second graduate major (e.g., adding a graduate major in counseling and guidance after having an M.S. in Education in elementary or secondary education). Individuals should consult the director of graduate studies.
An appeal process is in place for any issue disputed by the student. Consult the School of Education for procedures.

5. Course Requirements for the Master’s Degree.

(a) Basic Course Component (12 credit hours). Courses with grades less than B (3.0) must be repeated. These courses are prerequisites to most other courses in the master’s degree program, and should be taken with the first 18 credit hours. The Curriculum course must be taken in the first two semesters upon admission to the program.

1. EDUC E535 Elementary School Curriculum (3) or  
   EDUC S503 Secondary School Curriculum (3) or  
   EDUC J500 Instruction in the Context of Curriculum (Kentucky license) (3)

2. EDUC H520 Education and Social Issues (3)

3. EDUC P507 Testing in the Classroom (3) If P407 has already been taken, it can be used to replace P507.

4. EDUC P510 Psychology in Teaching (3)

(b) Education Content Component (9 credit hours). Courses with a grade less than B (3.0) do not meet this requirement.

Nine credit hours selected from among:

EDUC A500 Introduction to Educational Leadership (3)
EDUC A510 School Community Relations (3)
EDUC A608 Legal Perspectives on Education (3)
EDUC E508 Seminar in Early Childhood Education (3)
EDUC E533 The Computer in the Elementary Classroom (3)
EDUC E545 Advanced Study of the Teaching of Reading in the Elementary School (3)
EDUC E547 Advanced Study in the Teaching of Social Studies in the Elementary School (3)
EDUC E548 Advanced Study in the Teaching of Science in the Elementary School (3)
EDUC G500 Orientation to Counseling or  
EDUC G502 Introduction to the Field of Counseling (3)
EDUC K505 Introduction to Special Education (3) (not for those with K205)

EDUC K553 Management of Social and Academic Behavior (3) or  
EDUC P570 Managing Classroom Behavior (3)
EDUC N517 Advanced Study in the Teaching of Secondary Mathematics (3)
EDUC N543 Advanced Study in the Teaching of Elementary Mathematics (3)
EDUC P515 Child Development (3)
EDUC P516 Adolescent Behavior and Development (3)
EDUC P570 Managing Classroom Behavior (3)
EDUC R531 Computers in Education (3)
EDUC S503 The Junior High/Middle School (3)
EDUC S514 Advanced Study of Teaching Reading in the Junior High and Secondary School (3)
EDUC S518 Advanced Study in the Teaching of Secondary School Science (3)
EDUC S519 Advanced Study in the Teaching of Secondary School Social Studies (3)
EDUC S533 The Computer in the Secondary Classroom (3)

(c) Cognate Area Component (6 credit hours). Students will select 6 credit hours of course work related to their teaching specialty or designed to professionalize their teaching major. Secondary majors should confer with program advisors. Under certain conditions, a graduate secondary education major may apply certain approved 300-400 level undergraduate courses to the graduate program. In order to apply such course work, the student must demonstrate that it is appropriate to his or her professional objectives and must secure, in writing, the approval of the program coordinator prior to taking such course work. Elementary majors will choose 6 credit hours of advanced methods or workshop courses (usually designated E, X, N, or L).

(d) Elective Component (9 credit hours). Students elect graduate courses and/or certain undergraduate courses with the approval of the director of graduate studies. (Secondary education teachers may use these courses toward professionalization of their teaching minors.)
Graduate Certification Programs (Indiana).
Note: As this bulletin goes to press, a number of graduate program certification changes are anticipated. Students should seek regular advising.

Reading Minor (24 credit hours)
In the reading minor, students must:

1. hold a valid Indiana elementary, junior high/middle school, or secondary license.
2. complete the following program:
   (a) One of the following:
       EDUC E545 Advanced Study of the Teaching of Reading in the Elementary Schools (3)
       EDUC S514 Advanced Study of the Teaching of Reading in the Junior High and Secondary Schools (3)
   (b) EDUC K563 Diagnosis and Correction of Learning Disabilities I (3)
   (c) EDUC L559 Trade Books in Elementary Classrooms (3)
   (d) EDUC P507 Testing in the Classroom (3)
   (e) EDUC X504 Diagnosis of Reading Difficulties in the Classroom (3)
   (f) EDUC X525 Practicum in Reading (3)
   (g) ENG G207 Grammar and Usage (3)
   (h) One of the following:
       EDUC E549 Advanced Study of Teaching of Language Arts in the Elementary Schools (3)
       EDUC K505 Introduction to Special Education (3)
       EDUC K564 Diagnosis and Correction of Learning Disabilities II (3)
       EDUC S516 Advanced Study in the Teaching of Secondary School English Language Arts (3)

   (3) Recommendation of the faculty

Special Education Minor (37-40 credit hours)
Students seeking a special education license at the graduate level must meet all other requirements for acceptance in the graduate program before taking any special education courses (designated with a “K”) beyond K505.

All students seeking graduate-level endorsements should consult with the coordinator of the Special Education Program.

Enrollment in each of the specific special education methods courses requires a grade of B (3.0) or better in K505 and the appropriate prerequisite courses.

Deviations from these policies must be approved by the program coordinator. No grade lower than a B (3.0) will be accepted for the endorsement.

Students whose initial training occurred more than 10 years prior to the anticipated completion of the graduate-level endorsement or who have not been active in a relevant field may be required to complete additional course work. Grades and recency of undergraduate courses substituted for graduate equivalents will be individually evaluated.

Note: Students who do not have an initial teaching license must complete a second undergraduate degree.

Students will be placed on academic probation from the program if they (a) fail to meet any of the GPA requirements listed above, (b) exhibit a pattern, or a substantial single incidence, of unprofessional behavior, or (c) perform marginally in a field experience or are asked by the school to withdraw from a field experience. While on probation students may be required to repeat courses or complete other remedial activities before being allowed to progress any further in the program.

Enrollment in a field experience requires approval by the program coordinator. Decisions regarding the length and type of placement will be made on an individual basis. Candidates may be required to furnish letters of recommendation from individuals who can attest to their general teaching skills, professional promise, and personal characteristics relevant to the program.

Placement opportunities are limited by availability of appropriate field sites. Students are responsible for arranging their personal and work schedules to meet the field experience requirements.

For an Initial License In most cases, students who have already earned a bachelor’s degree and want to acquire their first teaching license in special education will need to complete a second bachelor’s degree. Consult the program coordinator.

Limited License Because some courses are offered only annually, students with a limited (emergency) license should seek early and regular advising by the program coordinator. Students should not assume that needed courses are offered in summer.

Students seeking an Indiana special education license at the post-bachelor’s degree level must

1. complete a program completion plan with counsel from a special education advisor, including a determination of applicable prior course work.
(2) complete:

EDUC E545 Advanced Study of Teaching
   Reading ................................................................. 3
EDUC K505 Introduction to Special
   Education for Graduate Students ......................... 3
EDUC K535 Assessment and Remediation of
   Mildly Handicapped I ........................................... 3
EDUC K553 Management of Academic
   and Social Behavior ............................................. 3
EDUC K588 Supervised Teaching in
   Special Education .................................................... 3
EDUC M550 Practicum (for each disability area) ... 3
EDUC N543 Advanced Study in Teaching
   Mathematics or
   EDUC N523 Workshop in Elementary
   Mathematics ................................................................. 3
EDUC P507 Testing in the Classroom ....................... 3
EDUC X504 Diagnosis of Reading
   Difficulties in the Classroom .............................. 3
Elective in elementary methods or
   workshop .................................................................... 3

(3) select one of the following certification areas:
   (a) Emotionally Handicapped
      EDUC K543 Education of the Socially
      and Emotionally Disturbed I ................................. 3
      EDUC K544 Education of the Socially
      and Emotionally Disturbed II .............................. 3
      EDUC K590 Research in Special Education .......... 3
   (b) Learning Disabilities
      EDUC K563 Learning Disabilities I .............. 3
      EDUC K564 Learning Disabilities II .............. 3
   (c) Mildly Mentally Handicapped
      EDUC K550 Introduction to Mental
      Retardation ......................................................... 3
      EDUC K580 Curriculum and Methods ........... 3

(4) Obtain recommendation of the faculty.

Junior High/Middle School Certification
(21-30 credit hours)

Teachers who hold a valid Indiana secondary
education license, grades 9–12, may be eligible for a
middle school/junior high/senior high school license
and should consult the IU Southeast licensing advisor
for additional details. Teachers who hold a valid
Indiana elementary education license may add an
endorsement to teach in junior high schools and
middle schools by completing:

(1) an appropriate set of courses totaling 24 or more
   credit hours in one or more of the following
   subject areas: language arts, mathematics, science,
   or social studies.

(2) EDUC S505 The Junior High and Middle School (3)
(3) EDUC M550 Practicum: Junior High/Middle
   School (3)

Kindergarten Endorsement (15 credit hours)

(Program under revision. See advisor.) To be eligible
to receive a kindergarten endorsement, a student must:

(1) hold a valid Indiana elementary license.

(2) complete the following program of professional
   education courses (15 credit hours):
      EDUC E506 Curriculum in Early Childhood (3)
      EDUC E508 Seminar in Early Childhood (3)
      EDUC E524 Workshop in Early Childhood
      Education (3)
      EDUC M550 Practicum: Kindergarten I (3)
      EDUC M550 Practicum: Kindergarten II (3)

Professionalization of Teaching Licenses

IU Southeast is approved to professionalize
teaching licenses in a number of certification areas.
Students should consult the certification advisor
concerning specific course requirements.

Master’s Degree in Counseling

The M.S. in Education with a major in counseling is,
at the time of preparation of this bulletin, undergoing
some revisions in its curriculum. Individuals seeking
admission to this program should check with the
program coordinator for program changes.

Students entering the IUS program in counseling
after June, 2002 will be required to meet new
curriculum requirements aligned with the new
licensure patterns adopted by the Indiana
Professional Standards Board. Students entering the
program before June 2002 may earn licensure under
the programs identified in this bulletin provided they
graduate by June 30, 2006. Students seeking licensure
as described in this bulletin who will not be finished
by June 30, 2006 should transition to the new
program requirements through their advisor as soon

The counseling program provides two options: a
minimum 48 credit hour program for students
without a master’s degree and a minimum 36 credit
hour second master’s program for students who
already have a master’s degree in education. Both
options are designed for part-time attendance.
Courses are offered in the evening in the fall and spring semesters and during the day in summer sessions.

Graduates of the program are eligible for certification as school counselors in Indiana. Non-teachers may be certified as school counselors in Indiana by completing a 600 hour internship during the master’s. Teachers are required to do a 300 hour internship. Kentucky requires school counselors to hold teacher certification, so only teachers may receive Kentucky certification through this program.

**Admission Requirements, Option 1:**
Admission is a two-step process. First, students should apply to the School of Education as a graduate student, counseling major, by completing an application and submitting official transcripts of undergraduate and graduate work. Students will receive conditional admission to the program if they have a 2.75 undergraduate GPA or a minimum of 12 credit hours of graduate work with a 3.0 GPA. Students with a 2.5 to 2.74 grade point average may be allowed to take additional graduate courses to demonstrate their ability to do graduate work and receive conditional admission.

Once students receive conditional acceptance they may begin taking courses in the pre-counseling Core. EDUC G500 Orientation to Counseling must be taken first or concurrently. Other pre-counseling courses may be taken in any order. No grade below B will be accepted.

Once students have completed 9 of the 12 credit hours in the pre-counseling core, they may apply to the clinical portion of the counseling program. Applications close on April 1 and consist of the following items:

1. Resume
2. Goals Statement
3. Autobiography
4. Entrance Exam
5. Three letters of recommendation
6. Field experience permission form (teachers only)
7. Non teachers must have criminal history check

Sixteen students are selected for the clinical training and are notified by May 1 of their acceptance into the program. The Entrance Exam is given during G500 Orientation to Counseling. Directions for the goals statement and autobiography are also distributed in that class. A faculty committee reviews the applicant pool and selects candidates on the basis of undergraduate GPA, oral and written communication skills, previous career experience, demonstration of personal relationship skills, entrance exam score, and letters of recommendation. If a person is not accepted for a particular clinical year, he or she may reapply for the next year. Completion of the pre-counseling core in no way guarantees acceptance into the clinical training portion of the program. The sixteen students accepted into the clinical training move through the remaining 36 credit hours as a cohort group, taking all their classes together. The two years of clinical training are NOT self-paced. Students take two classes fall and spring semesters in the second and third year and three classes in the intervening summer.

In spring semester of the second year all students do a practicum for 6 hours a week in a school. In both fall and spring semesters of the third year, all students do an internship; teachers intern for 150 hours each semester and non-teachers for 300 hours. Teachers may do their practicum and internship in their own school provided the superintendent and principal allow the use of the teacher preparation period and time before and after school. Non-teachers are placed in a school that has an exemplary school counseling program.

**Course Requirements for the Master’s Degree in Counseling: Option 1**

1. Prerequisite: (3 credit hours)
   EDUC K205 or K505 Introduction to Special Education.................................3

2. Pre-counseling core (12 credit hours.)
   EDUC G500 Orientation to Counseling..............3
   EDUC H520 Education and Social Issues ..........3
   EDUC P570 Classroom Management or
   EDUC K553 Academic and Behavior Problems ......3
   EDUC P515 Child Development or
   EDUC P516 Adolescent Development or
   PSY P502 Life Span.............................................3

3. Clinical Training (36 credit hours)
   EDUC G503 Counseling Theory and
   Educ G504 Counseling Theory and
   Technques I.........................................................3
   EDUC G505 Individual Appraisal.......................3
   EDUC G507 Lifestyle and Career Development.....3
   EDUC G523 Laboratory in Counseling.................3
   EDUC G524 Practicum in Counseling..................3
   EDUC G532 Group Counseling..............................3
   EDUC G542 Organization and Development
   of Programs .........................................................3

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EDUC G550 Internship in Counseling..................6
EDUC G585 Contemporary Issues in Counseling..........................................................3
Elective in Counseling...............................................................3

Admissions Requirements for the Master’s in Counseling: Option 2

Students interested in a second master’s with a counseling major should complete an application to graduate school as a counseling major and submit undergraduate and graduate transcripts. The file will be reviewed and students will be notified of conditional admission if the first master’s in education was completed with at least a 3.0 GPA. The competencies from courses in the prerequisite and pre-counseling core must be covered. The program coordinator will send a letter noting any deficiencies.

Once the student has received conditional acceptance, course deficiencies should be completed. All Option 2 students MUST have EDUC G500 Orientation to Counseling and should take that immediately if it was not taken in the first master’s. Once G500 has been completed, the candidate for the second master’s should apply to the clinical training program following the guidelines outlined under Option 1. Applications must be completed by April 1. Selection procedures will be the same as outlined under Option 1. Students who do not need G500 should contact the program coordinator to arrange to take the entrance exam and get instructions for the other application requirements.

Course Requirements for the Master’s Degree in Counseling: Option 2

Prerequisite and pre-counseling core  The transcript from the first master’s degree will be reviewed by the program coordinator to be sure that competencies from the prerequisite and pre-counseling core are present. It is not necessary to have the exact course work. Students will be notified of any deficiencies and the needed remedial course work. All deficiencies must be completed before beginning the clinical portion of the program.

Clinical Training  Under Option 2 all students take the 36 credit hours of clinical training listed under Option 1.

Program Regulations

1. The candidate for the master’s degree in counseling must have a grade of B in each course in the pre-counseling core and in the clinical training. Grades below B in the clinical training will not apply toward the completion of requirements and will result in the student’s loss of active status in the program. The student may apply for readmission after completing remedial course work and/or clinical experiences required by the counseling program team. Readmission depends on satisfactory completion of the remedial experiences and space availability in the program.

2. All graduate courses must be completed within six years from the completion of the first graduate course to be counted toward the M.S. in Education degree.

3. The internship must be completed within three years of the completion of the first year of clinical training.

4. The counselor education program is competency based, requiring the demonstration and performance of entry-level counseling knowledges, performances, and dispositions. The student in the counseling program must be able to demonstrate the competencies expected of each semester of courses before being admitted to more advanced course work.

5. Prior to beginning the second semester of clinical training, all students must join the American School Counseling Association AND obtain liability insurance from that organization. The student must continue the organizational membership and liability coverage for the entire duration of the program.

6. Students must be able to take two days each of the clinical training years (total of four days) to attend professional counseling conferences designated by the program. The student is expected to pay all costs associated with attendance at these conferences. Student registrations are available at reduced costs and sometimes additional scholarship help is available.

School Administrators’ and Supervisors’ Certificates/Educational Leadership

Indiana students entering the IUS School Administrators’ and Supervisors’ program in Educational Leadership after June 2002 will be required to meet new curriculum requirements aligned with the new licensure patterns adopted by the Indiana Professional Standards Board. Students entering the program before June 2002 may earn licensure under the programs identified in this bulletin provided they graduate by June 30, 2006. Students seeking licensure as described in this bulletin who will not be finished by June 30, 2006 should transition to the new program requirements through their advisor as soon as possible after May 30, 2001. Kentucky students entering programs...
leading to Kentucky certification for principals should check with their faculty advisor regarding any possible changes in Kentucky standards.

This program is for students who already hold a master’s degree (including courses or experiences in curriculum, social issues, educational psychology, measurement, and guidance) and an appropriate, valid teaching certificate. To be admitted to the program, a student must be unconditionally admitted to the graduate education program at Indiana University Southeast; must have a minimum graduate grade point average of 3.0; and must submit an application, graduate transcripts, a copy of the teaching certificate, three letters of recommendation, a 500 word essay, and verification of three years teaching experience for Kentucky and five years teaching experience for Indiana. Students may secure program information and admission materials by contacting the coordinator of the educational leadership program in the School of Education.

To be eligible for Indiana certification, students must have completed a master’s degree, all prerequisite requirements, the appropriate 21 credit hour program, a total of 36 graduate credit hours and five years of teaching experience. Courses in law, supervision, the principalship, and the practicum must be taken at Indiana University, and at least 9 credit hours including the practicum must be taken at Indiana University Southeast. Students must achieve a minimum grade point average of 3.25 in the program with no grade below B–. Since this certification-only program does not involve the awarding of a degree, considerations of transfer credit hours and course recency may or may not apply; however, students in this program must complete all requirements within five years from the date of admission. For Kentucky certification requirements and certification information regarding other states, please contact the School of Education Licensing Office.

Indiana Elementary School Administration and Supervision

Standard License

Candidates must meet the following requirements:

1. Be admitted to BOTH the IUS Graduate Education program and the Educational Leadership program.

2. Hold a professional license in early childhood, kindergarten-primary, elementary or junior high/middle school education.

3. Complete 45 credit hours of graduate course work, including all prerequisite courses and the following:
   - EDUC A500 Introduction to Educational Leadership (3)
   - EDUC A608 Legal Perspectives on Education (3)
   - EDUC A510 School-Community Relations (3)
   - EDUC A625 Administration of the Elementary School (3)
   - EDUC A635 Public School Budgeting and Accounting (3)
   - EDUC A695 Practicum in School Administration (3)
   - EDUC E536 Supervision of Elementary School Instruction (3)

Indiana Secondary School Administration and Supervision

Standard License

Candidates must meet the following requirements:

1. Be admitted to BOTH the IUS Graduate Education program and the Educational Leadership program.

2. Hold a professional license in junior high/middle school or secondary education.

3. Complete 45 credit hours of graduate work, including all prerequisite courses and the following:
   - EDUC A500 Introduction to Educational Leadership (3)
   - EDUC A608 Legal Perspectives on Education (3)
   - EDUC A510 School-Community Relations (3)
   - EDUC A627 Secondary School Administration (3)
   - EDUC A635 Public School Budgeting and Accounting (3)
   - EDUC A695 Practicum in Educational Leadership (3)
   - EDUC S655 Supervision of Secondary School Instruction (3)

Candidates for admission to the Kentucky Administration and Supervision Certification program must meet the following requirements:

1. Be unconditionally admitted to both the Graduate Education program and the Educational Leadership program at Indiana University Southeast.

2. Hold a master’s degree from a regionally accredited institution.

3. Hold and submit a copy of a valid teaching license.
4. Have a grade point average of 3.0 in all graduate level work.

5. Submit three positive letters of recommendation from persons knowledgeable about the candidate’s aptitude and fitness for administrative work. These letters are to be different from the graduate program reference checksheets.

Candidates must maintain the following to remain in the program:

1. Grade point average of 3.25 in all course work required for the certificate with no grade below B–.

2. Good standing in the Indiana University graduate program.

3. Completion of the Law, Supervision, Principalship, Budgeting, and Practicum courses at Indiana University Southeast.

4. Completion of 15 credit hours (including EDUC A695 Practicum) at IU Southeast.

Variance from Requirements Students wishing to vary from any of the requirements listed above may petition for an exception from the School of Education office. Students will receive written notification of action taken in all such cases.

Complete the following course requirements:

J500 Instruction in the Context of Curriculum (3)
A500 Introduction to Educational Leadership (formerly School Administration) (3)
A653 The Organizational Context of Education (3)
A510 School and Community Relations (3)
A638 Public School Personnel Management (3)
A608 Legal Perspectives on Education (3)

A635 Public School Budgeting and Accounting (3)
A695 Practicum in Educational Leadership (3)

Courses accepted for the Educational Leadership Program may or may not apply to the Master’s Degree. Check with a graduate advisor. For Kentucky Rank I information, contact the IUS Certification and Licensing Office, (812) 941-2386.

Non-Teaching Minor in Health and Safety
(15 credit hours)
HPER H160 First Aid and Emergency Care (2)
HPER H363 Personal Health (3)
HPER C366 Health Problems in the Community (3)
HPER H460 Practicum in First Aid Instruction (2)
HPER H464 Organization of Health Education (2)
HPER H499 Research in Health and Safety Education (cr. arr.)

Non-Teaching Minor in Physical Education
(15 credit hours)
HPER P140 History and Principles of Physical Education (3)
HPER P205 Structural Kinesiology (3)

9 additional credit hours in physical education courses

Non-Teaching Minor in Recreation
(17 credit hours)
EDUC H340 Education and American Culture (3)
HPER R160 Recreation and Leisure (3)
HPER R271 Dynamics of Outdoor Recreation (3)
HPER R272 Recreational Leadership and Programming (3)
HPER R399 Practicum in Recreation (5)
Education (EDUC)

Undergraduate Courses

**E315 Education of Young Children (3 cr.)** P: H340 and P250-P251-M201. The education and guidance of children from two to six years of age in the home, nursery school, and kindergarten. Reading, discussion, and required observation at preschool and kindergarten levels. Fall Sem.

**E325 Social Studies in the Elementary Schools (3 cr.) and M301 (1 cr.)** P: H340, P250-P251-M201, M310-M311-M301, E339-E340-M301, E449, W200, and formal admission into teacher education. Development of objectives, teaching strategies, resources, and assessment procedures that facilitate the social learning of children in an integrated curriculum. Special attention is given to cognitive, affective, and psychomotor facets through concept learning, inquiry, decision making, values analysis, cooperative learning, and multicultural education. Students will participate in appropriate field experiences. Fall Sem., Spring Sem.

**E328 Science in the Elementary Schools (3 cr.)** and M301 (1 cr.) P: H340, P250-P251-M201, M310-M311-M301, E339-E340-M301, E449, W200, and formal admission into teacher education. Objectives, philosophy, selection, organization, and evaluation of teaching methods and instructional materials. Inquiry teaching, concept development, field trip experiences, and use of multidisciplinary materials are stressed. Analysis of individual and group assessment processes are emphasized. Students will be expected to participate in appropriate field experiences. (To be taken concurrently with E343.) Fall Sem., Spring Sem.

**E337 Classroom Learning Environments (3 cr.)** P: H340, P250-P251. This course will focus on the curriculum aspects of early childhood programs and on planning, utilization, and evaluation of inside and outside learning environments. The selection and evaluation of effective materials and activities that stimulate children’s development will be emphasized. The skills needed in using this information will also receive priority. Spring Sem.

**E338 Early Childhood Educator (3 cr.)** P: P250-P251, H340. Includes the role of the teacher as a professional educator: professional responsibilities, school and community relations, and involvement in professional organizations. A major emphasis is on parent involvement and parent education. Fall Sem.

**E339 Methods of Teaching Language Arts (3 cr.) and M301 (1 cr.)** P: H340, P250-P251-M201, M310-M311-M301, W200; P or concurrent E449, and formal admission into teacher education. (Taken concurrently with E340.) Development of language in the child with emphasis on linguistics, creative language, dramatics, usage, handwriting, spelling, listening, and writing process. Attention given to individual and group processes of teaching, to the whole language approach, to disability and cultural awareness, and to appropriate kinds of hardware and software. Students will participate in appropriate field experiences. Fall Sem., Spring Sem.

**E340 Methods of Teaching Reading I (3 cr.)** P: H340, P250-P251-M201, M310-M311-M301, W200; P or concurrent E449, and formal admission into teacher education. (Taken concurrently with E339.) General overview of the reading program with emphasis on development, content, word recognition and comprehension skills and strategies, the whole language approach, and instructional processes as applied to classroom teaching. Students will be expected to participate in appropriate field experiences. (Early education experience fee required.) Fall Sem., Spring Sem.

**E341 Methods of Teaching Reading II (3 cr.)** P: H340, P250-P251-M201, M310-M311-M301, E339-E340-M301, E449, W200, and formal admission into teacher education. Diagnostic and prescriptive methods and materials for use in corrective instruction in reading, including minority and special needs groups, with development of an appreciation for hardware and software that will facilitate instruction. Students will be expected to participate in appropriate field experiences. (Early education experience fee required.) Fall Sem., Spring Sem., Summer.

**E343 Mathematics in the Elementary School (3 cr.)** P: H340, P250-P251-M201, T101, T102, T103, M310-M311-M301, E339-E340-M301, E449, W200, and formal admission into teacher education. (Taken concurrently with E328.) Focus is on individualized and cooperative learning techniques used in a diagnostic/prescriptive mathematic laboratory program for all learners with attention to implementation of the National Council of Teachers of Mathematics curriculum and evaluation standards for school mathematics. Stresses the design of appropriate and innovative affective, psychomotor, and cognitive experiences. Gives emphasis to the developmental approach to mathematic learning and teaching. Fall Sem., Spring Sem.

**E449 Trade Books and the Teacher (3 cr.)** P: P250; taken before or concurrent with E339/E340. A comprehensive survey of children’s literature covering the major authors and their works; special emphasis is given to picture books, poetry, biography, the classics, holiday books, series books, nonfiction books, periodicals, popular culture, and six aspects of bibliotherapy.
E490 Research in Elementary Education (1-3 cr.) Individual research. (Letter grade.)

E495 Workshop in Elementary Education (cr. arr.) For elementary school teachers. Gives 1 credit hour for each week of full-time work.

H340 Education and American Culture (3 cr.) P: W131 with a C (2.0) or above. The present educational system, its social impact, and future implications viewed in historical, philosophic, and social perspectives. Special attention is given to the ethnic, minority, and cultural dimensions of education. Students will be expected to participate in appropriate field experiences. Since the School of Education has selected H340 as the course where its students will meet the IU Southeast writing requirement, a significant paper will be required of those who have not yet met the writing requirement in another course. (Early education experience fee required.) Fall Sem., Spring Sem., Summer.

H427 Education Through Travel (2-6 cr.) Provides an opportunity to visit historical and cultural areas in foreign countries. (Individually arranged.)

K200 Introductory Practicum in Special Education (0-1 cr.) Structural practicum in public and/or private and regular special education programs. Emphasis on seminar sessions focusing on prevalence and general function levels of exceptional individuals.

K205 Introduction to Exceptional Children (3 cr.) P: H340 with a grade of C (2.0). Definition, identification, prevalence, characteristics, and educational provisions of the various types of exceptional children, with attention to disability awareness and appropriate instructional processes. Fall Sem., Spring Sem., Summer.

K343 Education of the Socially and Emotionally Disturbed I (3 cr.) P: K205 with a minimum grade of C (B– for students seeking special education certification). Permission of instructor. A basic survey of the field of emotional disturbance and social maladjustment. Definitions, classifications, and characteristics; diagnostic and treatment procedures from a psycho-educational point of view. Fall Sem.

K344 Education of the Socially and Emotionally Disturbed II (3 cr.) P: K343 and M310, M311, M301. A basic survey of educational curricula, procedures, and materials for socially and emotionally disturbed children; stresses development of individual teaching skills; emphasizes classroom experiences with disturbed children. Spring Sem.

K345 Academic and Behavioral Assessment of the Mildly Handicapped (3 cr.) P: M310-M311-M301. Permission of instructor. The purpose of this course is to familiarize students with the application of formal and informal assessment information in making decisions regarding classification and placement of educable mentally retarded and emotionally disturbed children. Fall Sem.

K350 Introduction to Mental Retardation (3 cr.) P: K205 with a minimum grade of C (B– for students seeking special education certification). Definitions, classifications, and diagnostic and treatment procedures discussed from medical, psychological, sociological, and educational points of view. Fall Sem.

K352 Education of Children with Learning Problems (3 cr.) P: M310-M311, permission of instructor. Educational programs for optimum growth and development of mildly mentally handicapped and learning-disabled students. Study and observation of curriculum content, organization of special schools and classes, and teaching methods and materials. Fall Sem., Summer.

K370 Introduction to Learning Disabilities (3 cr.) P: K205 with a minimum grade of C (B– for students seeking special education certification). Survey of historical development and current status of definitions, classifications, assessment, and treatment procedures for learning-disabled students.

K453 Management of Academic and Social Behavior (3 cr.) P: K205, M310-M311-M301, consent of instructor. Surveys principles of behavior management as they pertain to educational environments. Students will learn how to define, observe, measure, record, and change academic and social behavior. Spring Sem., Summer.

K480 Student Teaching in Special Education (9 cr.) Fall Sem., Spring Sem.

K488 Supervised Teaching in Special Education (3 cr.) Fall Sem., Spring Sem.

K490 Research in Special Education (1-3 cr.)

K495 Laboratory/Field Experiences in Special Education (1-3 cr.) P: Consent of instructor.

1Acceptance and good standing in teacher education required.
M101 Laboratory/Field Experiences (0-1 cr.) A laboratory or field experience in education for freshmen (may be repeated).

M201 Laboratory/Field Experiences (1 cr.) A laboratory or field experience in education for sophomores (may be repeated). To be taken with P250 and either P251 (elementary/special education) or P255 (secondary education). (Early education experience fee required.) Elementary/special education majors must have passed the PPST and have a cumulative GPA of 2.5. Fall Sem., Spring Sem.

M301 Laboratory/Field Experience (0-1 cr.) A laboratory or field experience in education for juniors and seniors (may be repeated). To be taken with E325, E328, E339, M311, M314. Fall Sem., Spring Sem.

M310 General Methods (2 cr.) P: H340 and P250 block. An introduction to instructional design, media, and methodology appropriate to all teaching levels. Provides an orientation to lesson planning and curriculum development, classroom management and organization, theories of development, individual needs of children, cultural pluralism, legal rights and responsibilities of professionals, evaluation, parent involvement, individual elementary age learning styles, use of technology, professional development, and characteristics of effective teachers. Taught concurrently with M311 (elementary and special education) and M314 (secondary).


M314 General Methods for Senior High/Junior High/Middle School Teachers (1 cr.) P: H340, P250-P255-M201. Individualized and interdisciplinary learning methods, hardware and software, ethnic and minority factors, measurement and evaluation, teaching and curriculum development, and organization of the secondary school. Taken with M310 in fall semester of senior year.

M323 The Teaching of Music in the Elementary Schools (2 cr.) P: Music E241, M310, M311, M301. Not open to music majors. Fundamental procedures of teaching elementary school music, stressing music material suitable for the first six grades. Fall Sem., Spring Sem., Summer.

M401 Laboratory/Field Experience (0-3 cr.) An advanced laboratory/field experience in education (may be repeated).

M425 Student Teaching in the Elementary School (12 cr.) Classroom teaching and other activities associated with the work of a full-time elementary classroom teacher. One course may normally be taken concurrently if the responsibilities of the course do not interfere with the student teaching responsibilities. S/F grades are given. (Student teaching fee required.) Fall Sem., Spring Sem.

M441 Methods of Teaching Senior High/Junior High/Middle School Social Studies (3 cr.) P: M310, M314, M301, and M464. Concerns problems of teaching social studies, including the methods, procedures, devices, materials, and outstanding research in the field. Spring Sem.

M446 Methods of Teaching Senior High/Junior High/Middle School Science (3 cr.) P: M310, M314, M301, and M464. Concerns problems of teaching science, including the methods, procedures, devices, materials, and outstanding research in the field. Spring Sem.

M452 Methods of Teaching Senior High/Junior High/Middle School English (3 cr.) P: M310, M314, M301, and M464. Concerns problems of teaching English, including the methods, procedures, devices, materials, and outstanding research in the field. Spring Sem.

M457 Methods of Teaching Senior High/Junior High/Middle School Mathematics (3 cr.) P: M310, M314, M301, and M464. Concerns problems of teaching mathematics, including the methods, procedures, devices, materials, and outstanding research in the field. Spring Sem.

M464 Methods of Teaching Senior High/Junior High/Middle School Reading (3 cr.) Concurrent: M310 and M314. Curriculum, methods, and materials for teaching students to read more effectively in the subject content areas. Fall Sem.

M470 Practicum: Student Teaching in Junior High/Middle School (1-6 cr.) P: S486. Full-time supervised teaching in the student's primary certification area in an accredited junior high or middle school. Under the direction of the selected supervising teacher and with university-provided supervision, each student assumes responsibility for teaching in the cooperating school. Usually arranged on an extended semester with M425 Student Teaching. (Practicum fee required.) Fall Sem., Spring Sem.

M470 Practicum in Kindergarten II (3 cr.) P: M470 Practicum in Kindergarten I and admission to teacher education. Usually arranged on an extended semester with M425 Student Teaching in the Elementary School. Fall Sem., Spring Sem.

M470 Practicum in Special Education (3 cr.) P: Consent of instructor. Closely supervised field experience in various areas of special education. (Practicum fee required.) Fall Sem., Spring Sem.

M480 Student Teaching in the Secondary School (10 cr.) Under the direction of the supervising teacher, each student assumes responsibility for teaching in the student’s own subject matter area in a cooperating secondary school. Requires a minimum of 10 weeks full time. Must be taken the same semester as secondary methods. (Student teaching fee required.) Spring Sem.

P250 General Education Psychology (2 cr.) P: H340 with a minimum grade of C (2.0). Elementary and special education majors must also pass the PPST and have a cumulative GPA of 2.5. The study and application of psychological concepts and principles as related to the teaching-learning process, motivation, intelligence, classroom management, measurement and evaluation, disability awareness, and multicultural components. Fall Sem., Spring Sem.

P251 Educational Psychology for Elementary Teachers (2 cr.) P: H340 with a minimum grade of C (2.0), a 2.5 cumulative GPA, and passing scores on the PPST(all sections) plus concurrent enrollment in P250 and M201. The application of psychological concepts to school learning and teaching in the perspective of development from childhood through preadolescence. Special attention is devoted to the needs of the handicapped. Fall Sem., Spring Sem.

P255 Educational Psychology for Middle and Secondary Teachers (2 cr.) P: H340 with a minimum grade of C (2.0). Study of the learner as a growing and developing individual from early adolescence through adolescence. Fall Sem., Spring Sem.

P407 Psychological Measurement in the Schools (3 cr.) P: P250. Application of measurement principles in classroom testing; construction and evaluation of classroom tests; evaluation of student performance; interpretation and use of measurement data; assessment of aptitudes, achievement, and interests via standardized tests; school testing programs. Fall Sem., Spring Sem., Summer.

S486 Principles of Junior High and Middle School Education (3 cr.) P: M310. Background, purposes, and developing roles of the junior high school and middle school. Emphasizes the curriculum and its organization, the student activity program, and guidance. For all students planning to teach in junior high and middle schools. Includes field experience. Summer.

S490 Research in Secondary Education (1-3 cr.) Individual research. (Letter grade.)

U207 Leadership Training (1-3 cr.) Leadership development and training. Topics may include theories of leadership, group dynamics, organizational theory, and other issues of interest to current or potential student leaders.

U495 Seminar in Leadership Training (1-3 cr.) The theory and practice of group work, leadership techniques, communication, human relations, problem solving, and decision making (student leader course).

W200 Microcomputers for Education: An Introduction (1-3 cr.) P: H340. Required of all students pursuing teacher certification. Introduction to instructional computing, educational computing literature, and programming. Review of and hands-on experience with educational software packages and commonly used microcomputer hardware. Fall Sem., Spring Sem., Summer.

X150 Reading/Learning Techniques I (1-3 cr.) Emphasis on mechanics of reading, flexibility in reading, styles of learning, listening comprehension, vocabulary development, word attack, reading comprehension, and reading rate.

X490 Research in Language Education (1-6 cr.) Individual research.

1Admission to Teacher Education required.
Graduate Courses

A500 Introduction to Educational Leadership (3 cr.) Organization and structure of the school system; legal basis of school administration; agencies of administration and control; and standards for administration in the various functional areas. Summer and Fall Sem.

A510 School-Community Relations (3 cr.) For teachers and school administrators. Characteristics of the community school; adapting the educational program to community needs; use of community resources in instruction; and planning school-community relations programs. Spring Sem., Summer.

A590 Research in Educational Leadership (1-3 cr.) Individual research.

A608 Legal Perspectives on Education (3 cr.) Overview of the legal framework affecting the organization and administration of public schools, including church-state issues, pupil rights, staff-student relationships, conditions of employment, teacher organization, tort liability, school finance, and desegregation. Fall Sem., Spring Sem., Summer.

A625 Administration of Elementary Schools (3 cr.) For elementary administrators. Role of the principal as professional teacher in development and operation of school program. Fall Sem.

A627 Secondary School Administration (3 cr.) For secondary administrators. Teacher selection and promotion, program making, load, adjustment, pupil personnel, library, cafeteria, study organization, athletics, reports, and records. Fall Sem.

A635 Public School Budgeting and Accounting (3 cr.) Preparation and use of budget for a public school system as a controlling instrument for revenue, appropriations, expenditures, and unencumbered balances. Based on requirements of the Indiana State Board of Accounts. Fall Sem., Spring Sem.

A638 Public School Personnel Management (3 cr.) P: 500 or equivalent. The background, present conditions, and future directions of school personnel management; development and implementations of a school personnel management program; examination of problems and issues.

A653 The Organizational Context of Education (3 cr.) P: A500. Organizational factors examined in terms of impact on human behavior and student learning. The critical role of administrative policies and practices in shaping the organizational context. Alternative organizational designs and administrative strategies studied in terms of their effectiveness under specified conditions.

A695 Practicum in School Administration (1-3 cr.) P: Permission of instructor. Provides closely supervised field experience in various areas of educational leadership.

E503 Conference in Elementary Education (1 cr.) Special arrangements to meet area school needs.

E506 Curriculum in Early Childhood Education (3 cr.) Planning the curriculum and selecting and evaluating learning experiences for children ages three through eight years with reference to relevant research. Organizing the classroom to provide maximum integration among experiences in different academic areas. Fall Sem.

E508 Seminar in Early Childhood Education (3 cr.) Seminar will be based upon current interests of students and will serve as a means of synthesizing their experiences. An interdisciplinary approach will be taken to explore current issues and problems in early childhood education, current happenings as they relate to the issues, and major research efforts to support programs. Summer.

E513 Workshop in Elementary Social Studies (1-3 cr.) Means of improving the teaching of social studies in the elementary school. Student evaluated on S/F basis only. Summer.

E514 Workshop in Elementary Language Arts (1-3 cr.) Means for improving the teaching of language arts in the elementary school. Student evaluated on S/F basis only. Summer.

E515 Workshop in Elementary Reading (1-3 cr.) Means for improving the teaching of reading in the elementary school. Student evaluated on S/F basis only. Summer.

E516 Workshop in Elementary Science (1-3 cr.) Means for improving the teaching of science in the elementary school. Letter grade only. Summer.

E518 Workshop in General Elementary Education (1-3 cr.) Individual or group study of problems within the field of elementary education. Student evaluated on S/F basis only. Fall Sem., Spring Sem., Summer.
E524 Workshop in Early Childhood Education (3 cr.) Individual and group study of the problems of nursery school and kindergarten education. Student evaluated on S/F basis only. Spring Sem.

E530 Supervision of Student Teaching in the Elementary School (3 cr.) Helps experienced teachers gain insight and proficiency in working with field experiences and student teaching. Explores the role of the supervising teacher in the program. Summer.

E533 The Computer in the Elementary Classroom (3 cr.) A course for practicing early childhood and elementary teachers that focuses on the role of the computer for the classroom, an introduction to programming, and guidelines for selecting and using software in several subject areas.

E535 Elementary School Curriculum (3 cr.) Social, economic, and educational forces influencing changes in the curriculum of the elementary schools. Observation and study of the curriculum and methods of evaluating it. Fall Sem., Spring Sem., Summer.

E536 Supervision of Elementary School Instruction (3 cr.) Modern concepts of supervision and the evaluation processes through which they have emerged. Supervisory work of the principal and supervisor or consultant. Study of group processes in a democratic school system. Spring Sem.

E543 Advanced Study in the Teaching of Mathematics in the Elementary Schools (3 cr.) Designed to help the experienced teacher improve the teaching of mathematics. Opportunities will be provided for individual and group study of content, methodology, and instructional materials for modern mathematics programs.

E544 Advanced Study in the Teaching of Reading in the Elementary Schools (3 cr.) For experienced teachers. Review of developmental reading program in the elementary school, use of reading in various curriculum areas, appraisal of reading abilities, and techniques and materials for the whole language classroom. Summer.

E547 Advanced Study in the Teaching of Social Studies in the Elementary Schools (3 cr.) For experienced teachers. Goals and functions of social studies and underlying principles that influence the teaching of social studies; content, resources, and methodology that facilitate the implementation of these.

E548 Advanced Study in the Teaching of Science in the Elementary Schools (3 cr.) Helps experienced teachers gain proficiency in the teaching of science in the elementary school. Characteristics of good elementary school science programs.

E549 Advanced Study in the Teaching of Language Arts in the Elementary Schools (3 cr.) Helps experienced teachers gain further insight into the development of the English language and how best to teach language arts. Emphasizes basic communication skills and significant trends and materials. Summer.

E590 Research in Elementary Education (cr. arr.) Individual research.

F500 Topical Explorations in Education (1-3 cr.) Variable title for experimental courses.

G500 Orientation to Counseling (3 cr.) Focus is on the student, self-concept, interpersonal relationship skills, and an overview of the field of counseling. Philosophical, ethical, and social cultural basis of helping relationships.

G503 Counseling Theory and Techniques I (3 cr.) Requires acceptance into the Counseling Program. Analysis of major humanistic and existential counseling theories emphasizing didactic and experiential activities designed to model application of process, procedures, and techniques of theories being studied.

G504 Counseling Theory and Techniques II (3 cr.) Requires acceptance into the Counseling Program. Analysis of major behavioral and family counseling theories emphasizing didactic and experiential activities designed to model application of process, procedures, and techniques of behavior and family approaches to professional practice.

G505 Individual Appraisal: Principles and Procedures (3 cr.) Requires acceptance into the Counseling Program. An analysis of statistical, psychometric, sociometric, and clinical principles crucial to professional interpretation of standardized and informal data regarding individual clients. Current issues and controversies about ethnic, sex, cultural, and individual differences will be examined. Spring Sem.

G507 Lifestyle and Career Development (3 cr.) Requires acceptance into the Counseling Program. Includes such areas as vocational choice theory, relationship between career choice and lifestyle, sources of occupational and educational information, approaches to career decision processes, and career development exploration techniques. Fall Sem.
G523 Laboratory in Counseling (3 cr.) Requires acceptance into the Counseling Program. Concurrent enrollment in G503 required. Laboratory experience in counseling, analysis of counseling interviews, role playing, and closely supervised counseling in a laboratory setting. Fall Sem.

G524 Practicum in Counseling (3 cr.) Requires acceptance into the Counseling Program and concurrent enrollment in G532. Closely supervised counseling practice with clients in selected mental health or school settings. (Practicum fee required.) Spring Sem.

G532 Introduction to Group Counseling (3 cr.) Requires acceptance into the Counseling Program and concurrent enrollment in G524. An introduction to group counseling with focus on historical development, fundamentals of group theory and process, styles of leadership behavior, membership responsibility, stages of group development, and ethical issues. Spring Sem.

G542 Organization and Development of Counseling Programs (3 cr.) Environmental and population needs assessment for program planning. Procedures for counseling program development and accountability/evaluation.

G550 Internship in Counseling (3 cr.) Requires acceptance into the Counseling Program and consent of instructor. Counseling experience in actual agency or school situation. Under direction and supervision of the counselor, students practice counseling, interviewing, in-service training, orientation procedures, and data collection. May be repeated not to exceed a total of 12 credit hours with consent of School of Education. Fall Sem., Spring Sem.

G567 Introduction to Marriage and Family Counseling (3 cr.) Requires acceptance into the Counseling Program. Analysis of historical context, theoretical formulations, counseling techniques/strategies, research findings, treatment issues, and ethical/social concerns in marriage and family counseling.

G570 Human Sexuality (3 cr.) This is an introductory graduate-level course dealing with all areas of human sexuality that a person might encounter in day-to-day living. Topics will include sexual terminology, the human body, expressing our sexuality, heterosexuality, homosexuality, pornography, sex education, sex offenses, sexual dysfunction, and sex therapy.

G590 Research in Counseling (3 cr.) Individual research. Consent of instructor.

H520 Education and Social Issues (3 cr.) Identification and analysis of major problems set for education by the pluralistic culture of American society. Fall Sem., Spring Sem., Summer.

H553 Travel Study (1-5 cr.) Provides an opportunity to visit historical and cultural areas of the United States and many foreign countries. Credit arranged.

J500 Instruction in the Context of Curriculum (3 cr.) First course for a master’s degree in curriculum and instruction. Extends concepts introduced in undergraduate teacher preparation. Topics include conceptions and definitions of curriculum and instruction and their impact on social contexts, learning theories, and schooling practices. Elementary and secondary contexts are studied.

J511 Methods of Individualizing Instruction (3 cr.) Students will critically examine several approaches to individualizing instruction. Emphasis is on developing strategies for determining characteristics of the learner and on creating a variety of classroom strategies designed to individualize learning (K-12). Course project is development of classroom instructional materials, in-service program design, or proposal for research. Summer.

J661 Materials and Methods in Teacher Education (3 cr.) Concentrates on examining and critiquing various materials and methods currently being developed and used in teacher education. A major emphasis placed on developing and testing original materials for microteaching, simulation, and gaming, as well as concept and skill acquisition. Proposals for teacher training programs will also be developed.

K505 Introduction to Special Education for Graduate Students (3 cr.) P: Graduate standing or consent of instructor. Basic special education principles for graduate students with no previous course work in special education. Fall Sem., Spring Sem., Summer.

K535 Assessment/Remediation of Mildly Handicapped I (3 cr.) P: Permission of instructor. This course focuses on the collection and use of formal and informal assessment information for designing the content of individual educational plans for handicapped children in various academic areas such as reading and mathematics. Fall Sem.

1Prerequisite courses require minimum grade of B (or B– if taken at undergraduate level) and good standing in the program.
K543 Education of the Socially and Emotionally Disturbed I (3 cr.)\(^1\) P: K205 or K505. Permission of instructor. A basic survey of the field of emotional and social maladjustment. Definitions, classifications, and characteristics; diagnostic and treatment procedures from a psycho-educational point of view. Fall Sem.

K544 Education of the Socially and Emotionally Disturbed II (3 cr.)\(^1\) P: K343 or K543. Permission of instructor. Definitions, classifications, and diagnostic treatment procedures discussed from medical, psychological, sociological, and educational points of view. Spring Sem.

K550 Introduction to Mental Retardation (3 cr.)\(^1\) P: K505 or K205. Definitions, classifications, and diagnostic and treatment procedures discussed from medical, psychological, sociological, and educational points of view. Fall Sem.

K553 Management of Academic and Social Behavior (3 cr.)\(^1\) Surveys principles of behavior management as they pertain to educational environments. Students will learn how to define, observe, measure, record, and change academic and social behavior. Spring Sem., Summer.

K563 Learning Disabilities I (3 cr.)\(^1\) P: K205 or K505. Permission of instructor. Intensive study of the diagnostic and remedial procedures needed to teach students who exhibit haptic, auditory, or visual processing difficulties in an academic environment. Spring Sem.

K564 Learning Disabilities II (3 cr.)\(^1\) P: K370 or K563. Permission of instructor. Intensive study of severe learning disabilities associated with reading (dyslexia), math (dyscalculia), language disorders, and various known brain disorders or dysfunctions. Fall Sem., Summer.

K580 Curriculum and Methods for the Educable Mentally Retarded (3 cr.)\(^1\) P: K350 or K550. Permission of instructor. Educational programs for optimum growth and development of educable mentally retarded children. Study and observation of curriculum content, organization of special schools and classes, and teaching methods and materials. Fall Sem.

K588 Supervised Teaching in Special Education (3 cr.)\(^1\) P: Permission of instructor. Provides for an opportunity to student teach in ED, EMR, or LD classrooms. Fall Sem., Spring Sem., Summer (if sites are available).

K590 Research in Special Education (1-3 cr.)\(^1\) Individual research. Permission of instructor.

L502 Socio-Psycholinguistic Applications to Reading Instruction (3 cr.) Explores the linguistic and cognitive dimensions of language as they relate to the teaching of reading. Discusses relationships among the systems of language and among the various expressions of language. Always includes topics of pragmatics, semantics, grammar, and dialect.

L511 Advanced Study in the Teaching of Writing in Elementary Schools (3 cr.) The study of trends, issues, theories, research, and practice in the teaching and evaluation of written composition in elementary schools. The emphasis is on alternative methods for the teaching of writing and for the evaluation of progress (growth) in writing.

L512 Advanced Study in the Teaching of Writing in the Secondary Schools (3 cr.) The study of trends, issues, theories, research, and practice in the teaching and evaluation of written composition in secondary schools. The emphasis is on alternative methods for the teaching of writing and for the evaluation of progress (growth) in writing.

L535 Teaching Adolescent Literature (3 cr.) What adolescent literature is, how it has changed since its inception, and how adolescent processes are related to reader needs and interests. Designed to provide the secondary classroom teacher with training in how this relatively new genre of literature can be incorporated into instructional programs.

L559 Trade Books and the Teacher (3 cr.) A comprehensive survey of children’s literature covering the major authors and their works; special emphasis is given to picture books, poetry, biography, the classics, holiday books, series books, nonfiction books, periodicals, popular culture, and six aspects of bibliotherapy. Spring Sem., Summer.

M514 Workshop in Social Studies Education (3 cr.) Special topics in methods and materials for improving the teaching of social studies in middle, junior high, and high school. May be repeated. Summer.

\(^1\)Prerequisite courses require minimum grade of B (or B– if taken at undergraduate level) and good standing in the program.
M540 Methods in Environmental Education (3 cr.) For elementary and secondary teachers. Basic principles of conservation stressed in grades K-12. Methods of integrating these principles into existing elementary and secondary subjects.

M550 Graduate Practicum (Special Education or Kindergarten or Junior High/Middle School) (3-6 cr.) P: characteristics and methods courses with a minimum grade of B (3.0), and permission of instructor. Education practicum fee required. This course provides teaching experience in an accredited school. Student evaluated on S/F basis only. Fall Sem., Spring Sem., Summer (if sites are available).

N517 Advanced Study in the Teaching of Secondary School Mathematics (3 cr.) P: Completion of an undergraduate methods course and teaching experience, or permission of instructor. Methods, materials, literature; laboratory practice with mathematics equipment; evaluation techniques; standards; and determination of essentials of content. Developing mathematics programs for specific school situations.

N518 Advanced Methods in the Teaching of Middle/Junior High School Mathematics (3 cr.) Combines theory of learning, curriculum development, and research in the teaching of middle/junior high school mathematics with instructional strategies. Use will be made of the laboratory and student experiences. Special attention will be given to establishing valid foundations on which to build instructional strategies.

N523 Workshop in Elementary Mathematics (1-6 cr.) Means for improving the teaching of mathematics in the elementary school. One credit hour is offered for each week of full-time work.

N524 Workshop for Junior/Senior High School Mathematics Teachers (1-3 cr.) For experienced teachers. Ideas on curriculum trends and teaching techniques; recent source materials; analysis of problems; development of new educational materials. One credit hour is offered for each week of full-time work.

N543 Advanced Study in the Teaching of Mathematics (3 cr.) Designed to help the experienced teacher improve the teaching of mathematics. Opportunities will be provided for individual and group study of content, methodology, and instructional materials for modern mathematics programs.

P501 Statistical Methods Applied to Education (3 cr.) An introduction to the statistical methods needed for basic data analysis in education. Emphasis is placed upon theoretical and computational skills. Summer.

P507 Testing in the Classroom (3 cr.) History and theory of measurement, interpretation and measurement of data, tests for administrative and supervisory purposes and for teaching aids, prognostic testing, and testing in relation to pupil diagnosis and adjustment. (Credit not awarded to those who have taken Education P407.) Fall Sem., Spring Sem., Summer.

P510 Psychology in Teaching (3 cr.) Basic study of psychological concepts and phenomena in teaching. Analysis of representative problems and of the teacher’s assumptions about human behavior and its development. Fall Sem., Spring Sem., Summer.

P515 Child Development (3 cr.) Major theories and findings concerning human development from birth through the elementary years as they relate to the practice of education. Topics include physical development, intelligence, perception, language, socio-emotional development, sex role development, moral development, early experience, research methods, and socio-developmental issues relating to education. Summer.

P516 Adolescent Behavior and Development (3 cr.) Research and theory related to adolescents in the intellectual, physical, social-personal, and emotional areas of development. Summer.

P570 Managing Classroom Behavior (3 cr.) An analysis of pupil and teacher behaviors as they relate to discipline. Attention is given to the development of such skills as dealing with pupils’ problems and feelings, behavior modification, reality therapy, assertiveness in establishing and maintaining rules, and group processes. Designed for teachers, administrators, and pupil personnel workers.

R531 The Computer in Education (3 cr.) The focus of this course is general. Participants will investigate numerous uses to be made of technology in the educational environment to promote pupil learning and also to advance teacher personal productivity. The students will explore software in Macintosh environments. There are no prerequisites for this course. It can also serve as a good introductory course for any teacher wishing to become literate in the use of educational technology.

S503 Secondary School Curriculum (3 cr.) Primarily for teachers. Factors influencing curriculum development, organization, and content of the curriculum in several subject fields and in core. Fall Sem., Spring Sem., Summer.
S505 The Junior High and Middle School (3 cr.) Role of the junior high school in American education. Total program: philosophy, functions, curriculum, guidance, activities, personnel, and administration. Not open to students who have taken Education S486. Summer.

S508 Problems in Secondary Education (1-3 cr.) Group analysis of a common problem in the field of secondary education. May be repeated.

S512 Workshop in Secondary Education: (variable title) (1-6 cr.) Individual and group study of issues or concerns relating to the field of secondary education. Workshop format.

S514 Advanced Study in the Teaching of Reading in the Junior High and Secondary Schools (3 cr.) For secondary teachers. The developmental reading program in secondary schools; use of reading in various curriculum areas, appraisal of reading abilities, and techniques and materials for helping reluctant and retarded readers.

S516 Advanced Study in the Teaching of Secondary School English Language Arts (3 cr.) For experienced English teachers. Current methods and materials for junior high and secondary school English courses; guiding reading to meet literary, historical, vocational, or scientific interests.

S518 Advanced Study in the Teaching of Secondary School Science (3 cr.) For science teachers. Improved techniques, current literature, textbooks, and free and low-cost materials. Solutions to specific practical problems confronting science teachers in the classroom and laboratory.

S519 Advanced Study in the Teaching of Secondary School Social Studies (3 cr.) For experienced teachers. Re-studying the purposes of high school social studies, evaluating recent developments in content and instructional procedures, and developing social studies programs for specific school situations.

S533 The Computer in Secondary Classrooms (3 cr.) A course for practicing secondary teachers that focuses on the role of the computer for the classroom, an introduction to programming, and guidelines for selecting and using software in several subject areas.

S590 Research in Secondary Education (1-3 cr.) Individual research. (Graded S/F.)

S625 Supervision of Student Teaching in the Secondary School (3 cr.) Helps experienced teachers gain insight and proficiency in working with field experiences and student teaching. Explores the role of the supervising teacher in the program. Summer.

S655 Supervision of Secondary School Instruction (3 cr.) The role and functions of supervisors; the modern concept of supervision; techniques of supervision; improvement of teaching procedures; and new trends in organization of instruction. Spring Sem.

W500 Professional Development Workshop: (specific title) (1-6 cr.) Workshop to meet specific professional needs.

W553 Methods and Materials for the Gifted and Talented (3 cr.) Concentrates on the teaching techniques that benefit the gifted learner. Teacher and learner styles are discussed as well as those skills necessary to deal adequately with these students. The course also examines selection, development, and evaluation of materials for use with the gifted student.

X504 Diagnosis of Reading Difficulties in the Classroom (3 cr.) P: E545 or S514 and P507 or permission of instructor. Treats the theory, correlates, instruments, and techniques of diagnosing reading difficulties in the classroom. Summer.

X525 Practicum in Reading (3 cr.) P: E545 or S514, X504, three years of teaching experience, and/or permission of the instructor. Observation and participation in the IU Southeast Reading Center. Diagnostic testing, remedial classroom teaching, compiling student records, and working with groups and individuals under supervised conditions. Fall Sem., Spring Sem.

X590 Research in Reading (1-3 cr.) Individual research.

Y611 Qualitative Inquiry in Education (3 cr.) P: Consent of instructor. Examination of qualitative approaches to educational inquiry (e.g., case study, naturalistic inquiry, educational anthropology, educational connoisseurship and criticism). Exploration of methods for collecting and analyzing qualitative data, criteria for field studies, and approaches to writing up field studies.
Health, Physical Education, and Recreation Courses (HPER)

Undergraduate Courses

A361 Coaching of Football (1.5 cr.) Fundamentals of offensive and defensive line and backfield play, outstanding rules, offensive plays, and most frequently used defenses. Includes principles, theories, techniques, and problems of football coaching and coaching psychology. Fall Sem.

A362 Coaching of Basketball (1.5 cr.) Fundamentals of basketball shooting, passing, ball handling, and footwork; patterns against man to man, zone and zone pressure defense. Includes principles, theories, techniques, and problems of basketball coaching and coaching psychology. Fall Sem.

A363 Coaching of Baseball (1.5 cr.) Fundamentals of pitching, catching, batting, base running, infield and outfield play, offensive and defensive strategy, and organization and management. Includes principles, theories, techniques, and problems of baseball coaching and coaching psychology. Spring Sem.

A364 Coaching of Track and Field (1.5 cr.) Fundamental procedures in conditioning and training for cross country and track and field. Gives basic understanding of each event’s coaching strategy and coaching psychology. Home meet organization and management. Includes principles, theories, techniques, and problems of track and field coaching. Spring Sem.

A368 Coaching of Tennis (1.5 cr.) Theory and methods of coaching tennis covering technical, administrative, and organizational aspects involved in the process. Emphasis placed upon principles, fundamentals, tactics, conditioning, psychology, conduct of practice sessions, and problems.

C366 Health Problems in the Community (3 cr.) Human ecology as it relates to interaction of social and physical phenomena in solution of community health problems. Considers the promotion of community health, programs of prevention, environmental health, and health services.

E100 Snowboarding (1 cr.) Learn and practice modern snowboarding techniques. Spring Sem.

E105 Badminton (1 cr.) Beginning instruction in basic skills and techniques of badminton for singles, doubles, and mixed doubles play. Emphasis on basic skill development, rules, and strategy.

E115 Body Dynamics (1 cr.) Instruction in body toning exercises, methods of controlling body weight, methods of relaxation, and proper body carriage.

E133 Fitness and Jogging (1 cr.) Beginning instruction in the basic principles of fitness as they apply to a jogging program. Emphasis on cardiorespiratory endurance and flexibility. Basic concepts underlying Dr. Kenneth Cooper’s aerobic programs included. Course designed for students without prior experience in jogging programs, aerobics levels I through III. Fall Sem., Spring Sem.

E150 Karate (1 cr.) Beginning instruction in techniques of blocking, kicking, striking, punching, limited free fighting, and self-defense. Students should achieve technical level of yellow belt. Karate uniform required.

E181 Tennis (1 cr.) Beginning instruction in the fundamental skills of forehand and backhand strokes and serves. Competitive play in women’s, men’s, and mixed doubles.

E185 Volleyball (1 cr.) Instruction in fundamental skills of power volleyball. Emphasis on overhand serve, bump, set, dig, and spike. Team offensive and defensive strategies included.


H160 First Aid and Emergency Care (2 cr.) Lecture and demonstration on first aid measures for wounds, hemorrhage, burns, exposure, sprains, dislocations, fractures, unconscious conditions, suffocation, drowning, and poisons, with skill training in all procedures. Fall Sem., Spring Sem., Summer.

H305 Women’s Health (3 cr.) Examines the relationship of women to health and health care. Five dimensions of health—physical, mental, emotional, social, and spiritual—provide a framework for comparison and contrast of health concerns unique to women and common to both sexes at all ages. Fall Sem., Spring Sem.

H317 Topical Seminar in Health Education (1-3 cr.) The topical seminars will relate to current issues in the field of health education. May be repeated for credit if topic differs.
H363 Personal Health (3 cr.) Acquaints prospective teachers with basic personal health information; provides motivation for intelligent self-direction of health behavior; study of physiological and psychological bases for health, drugs, and other critical issues; and family health. Fall Sem., Spring Sem.

H460 Practicum in First Aid Instruction (3 cr.) Advanced consideration of first aid subject matter; orientation in methods, techniques, and teaching devices in first aid courses; practical classroom instruction is required. Completion of the course qualifies one as a Standard First Aid and Personal Safety Instructor.

P140 Foundations of Physical Education (3 cr.) Introduction to kinesiology as a discipline and physical education as a subdiscipline for students in teaching physical education. Historical and philosophical perspectives on the teaching of physical education as a profession.

P233 Performance and Teaching of Softball (1 cr.) Instruction and analysis of skills, techniques, and strategies in softball. Development of skills in unit planning, drills, and modified game forms.

P290 Movement Experiences for Preschool and Elementary School Children (2 cr.) P: M310, M311, M301. Covers potential outcomes of preschool and elementary school motor development programs, how to implement such programs, and appropriate movement experiences for young children. Allows observation and teaching of young children in a structured gymnasium setting. Fall Sem., Spring Sem., Summer.

P405 Introduction to Sport Psychology (3 cr.) An overview of the field, including psychological aspects of sport performance, coaching, and the relationship of exercise with mental health. Various theoretical orientations will be addressed with an emphasis on empirical research.

P495 Laboratory Teaching in the Basic Program (2 cr.) Pre-practice teaching experience. Laboratory phase includes assisting in conduct of basic instruction program.

R100 Recreational Leadership Skills (1 cr.) Short courses designed to provide students with skills and teaching techniques necessary to function as leaders in recreation and parks. May be repeated for credit if topic differs. Only S/F grades given.

R160 Recreation and Leisure (3 cr.) An introduction to the field of recreation and leisure from the viewpoint of the individual as a consumer and of societal agencies as providers of leisure services. Includes philosophy, history, theory, and a survey of public and private leisure-service organizations.

R271 Dynamics of Outdoor Recreation (3 cr.) Philosophical orientation to the field of outdoor recreation; camping, outdoor education, and natural resource management; with emphasis on programs, trends, resources, and values.

R272 Recreation Activities and Leadership Methods (3 cr.) P: R160. Analysis of recreation program activities, objectives, determinants, and group dynamics involved in the leadership process. Identification and evaluation of equipment, supplies, and leadership techniques are included.

R317 Seminar in Recreation and Parks (1-3 cr.) Park and recreation current issues seminar. Topic varies with the instructor and year. May be repeated for credit if topic differs.

R324 Recreational Sports Programming (3 cr.) Overview of programmatic elements and techniques in recreational sports. Topics include informal, intramural, club, and extramural programming; values of recreational sports, programming techniques, publicity and promotion; faculty utilization, equipment, safety, liability, and program observation.

R399 Practicum in Parks and Recreation (cr. arr.) Practical field experience under faculty supervision and with seminar discussions. Only S/F grades given. Fall Sem., Spring Sem., Summer.

Graduate Courses

H517 Workshop in Health Education (1-3 cr.) Interesting topics of relevance to individuals in school and public health and related disciplines are conducted in workshop fashion under the direction of faculty members. Emphasizes practical application, group involvement, and the use of resource personnel. Specific topics vary; course may be repeated for credit if topic differs.

H518 Alcohol and Drug Education (3 cr.) Alcohol and drug abuse in American society are probed in a comprehensive yet practical manner. Physiological, psychological, sociological, theological, and legal dimensions of the issues are explored through lectures, group discussions, guest speakers, and audio-visual presentations. Discusses principles of teaching and counseling in drug education programs.
H522 Women's Health (3 cr.) Examines the relationships of women to health and health care, with attention to health concerns unique to women and common to both sexes throughout the life span. Emphasizes current information related to women's health issues and the health educator's role in women's health.

K551 Movement Performance of the Exceptional Child (3 cr.) Study of characteristics of physically, mentally, and emotionally handicapped persons and their strengths and limitations in movement performance. Assessment of developmental levels and motor performance of handicapped individuals.

K570 Recreational Sports Administration (3 cr.) The study of recreational sports (informal/intramural/extramural/club sports) relevant to historical developments, philosophical foundations, programming implications, administrative consideration, and creative activity.

K572 The Physical Education Curriculum (3 cr.) Influences on curricula. Designs for developing, revising, and evaluating physical education curricula. Alternative modes of curriculum organization. The interdependence of general education, specialized education, exploratory education, and enrichment education. The roles of teachers and administrators in the production of curricula.

R500 Philosophy of Leisure and Recreation (3 cr.) Exploration of philosophical, ethical, historical, and cultural foundations for recreation in society; challenge of leisure and role of recreation in present and predicted environments.

R515 Special Concerns in Parks and Recreation (1-3 cr.) Current issues in a variety of park and recreation settings. Topics vary. May be repeated for credit if topic differs.

R520 Administration of Recreation and Parks (3 cr.) Organization of recreation on federal, state, and local levels; legislative provisions, governmental control, financing, budget, personnel, departmental organization, administrative practices (especially at the local level).

R540 Outdoor Recreation (3 cr.) Survey of the dynamics of outdoor recreation in American life. Programs, trends, resources, elements of demand, administration, research, planning, economics, and interpretation. Intensive examination of selected public policy issues in outdoor recreation through small group seminars and individual study.
School of Natural Sciences

Life Sciences 258
Phone: (812) 941-2284
Fax: (812) 941-2637


Associate Professors  Dey, Galvin, Haub, Hollingsworth, Kirchner, Lang, Otu, Renwick (Dean), Shi, Wisman

Assistant Professors  K. Edmonds, Finkbine, Graviss, Hunt

Lecturers  Arnold, Aronne, Cochran, M. Ehringer, Manwani, P. Miller, Riehm, Wills


General Requirements of the School of Natural Sciences  No grade less than C (2.0) will be accepted in any required course for a major or minor in this school. Some degrees may have higher requirements in some courses.

The new wing of the Life Sciences Building houses classrooms and labs.
Special Bachelor’s Degree Option for Three-Year Premedical/Predental Students
A student may be admitted to medical or dental school upon receipt of the bachelor’s degree or, for some students with outstanding credentials, after the completion of three years (90 credit hours) of course work. The Indiana University Schools of Medicine or Dentistry bulletins should be consulted for specific requirements. Students who have been admitted after completion of at least 90 credit hours and who have satisfied the basic requirements at Indiana University Southeast may apply 32 credit hours earned during their first year in medical or dental school and at the end of that year earn the bachelor’s degree.

Recommendation  Since prerequisite requirements and years in residence may vary, students following the preprofessional B.A. track are urged to discuss their specific career plans with the designated premedical, predental, preoptometry, or allied health program advisors listed elsewhere in this bulletin.

Majors in Biology and Allied Health Sciences
Indiana University Southeast offers the prerequisite courses for premedicine, predentistry, preoptometry, preveterinary medicine, for other medical careers like osteopathic medicine, podiatry and chiropractic medicine, and for many allied health careers including medical technology, physical therapy, cytotechnology, occupational therapy, respiratory therapy, and others. For further information on these majors, contact the School of Natural Sciences at (812) 941-2184.

Associate of Arts in Biology
The candidate must complete the “General Requirements for All Degrees” and “Graduation Requirements for the Associate of Arts Degree” in this bulletin.

Campus requirements: ENG W131 Elementary Composition I, Research Writing, and Computer Literacy

Liberal Arts and Distribution requirements: one year of Foreign Language, one course in Psychology and Society, one course in Politics and Economics, three courses in three categories of Literature, Ideas, History and the Arts.

Major Courses: one 5 credit hour course in chemistry (either C101-C121 or C105-C125), one course in mathematics (M122, M125, M218), three 5 credit hour courses in biology, with no more than one at the 100–level, and no more than one at the 200–level.

Electives to bring total to 60 credit hours.

Bachelor of Arts in Biology
Requirements
Two tracks are provided: a standard liberal arts B.A. track and a preprofessional B.A. track for those biology majors considering graduate school or medical careers.

The candidate following the standard liberal arts track must complete the “General Requirements for All Degrees” and “Graduation Requirements for the Bachelor of Arts,” in this bulletin, an introductory biology sequence (usually L101, L102) and Molecular Biology (usually L211) with an average GPA in these three courses of 2.2 or higher, a 43 credit hour biology core with a grade of C or better in each core course, Chemistry C101-C121, C102-C122, and Mathematics M122 or M125.

The liberal arts track and biology core curriculum expose the student to major subject areas in biology while providing considerable flexibility for each student. For example, minimal mathematics and chemistry requirements allow students to develop minor subject areas or a second major in another science area or in an outside field like journalism or business. This degree is suitable for students who may apply for admission into law school or for those who seek employment in business, environmental studies, or industry.

The standard B.A. liberal arts degree described above will not automatically fulfill requirements for entrance into medical, dental, optometry, medical technology, other allied health programs, or most graduate school programs. Students desiring eventual admission into a professional program or laboratory related fields should follow the preprofessional B.A. track.

The preprofessional candidate must complete the requirements discussed in “General Requirements for All Degrees” and “Graduation Requirements for the Bachelor of Arts,” in this bulletin, and introductory sequence (usually L101, L102) and Molecular Biology (usually L211) with an average GPA in these three courses of 2.2 or higher, a 43 credit hour biology core with a grade of C or better in each core course, and the following courses: Chemistry C105-C125, C106-C126, C341-C343, C342-C344; Physics P201-P202 or P221-P222; and Mathematics M215. Courses in biochemistry, statistics and second semester calculus, as well as individual study in biological research, are highly recommended.
List of general requirements for Standard Liberal Arts and Preprofessional Tracks (see back of Schedule of Classes for specific courses to fulfill requirements):

Campus requirements: ENG W131 Elementary Composition I, Research Writing, and Computer Literacy (3 credit hours of C100 or C106)

Liberal Arts and Distribution requirements: two years of foreign language;

Two courses in Mathematical and Formal Reasoning: one course covered by major requirement, one course in Formal Reasoning (usually CSCI A201, CSCI C201);

Three courses in The Individual, Society and Politics: one course Psychology and Society, one course Politics and Economics, and an additional course in either of the previous two;

Five courses in four categories of Literature, Ideas, History and the Arts with two in Historical Investigation;

One course in Cultural Diversity. This course may also be used to satisfy a distribution requirement above.

List of major courses, including the biology core, for Standard Liberal Arts Track:

Two 5 credit hour courses in Chemistry (usually C101-C121, C102-C122);

One course in Mathematics (usually M122, M125, or M218)

Introductory sequence (usually L101, L102) and Molecular Biology (usually L211) with an average GPA in these three courses of 2.2 or higher

Genetics (usually K322-K323 or L311-L319)

Cell Biology (usually L312)

Developmental Biology (usually B373, L317or Z317 with Z318)

Physiology (usually L308 or P416-P418)

Ecology (usually L473 or M420 with L474)

Evolution (usually L318)

Seminar (L403)

Required Organismal Diversity Elective (choice of B230, B364, M310-M315, Z373-Z383, Z406 or approval of the program coordinator)

Biology Electives, 8 or more credit hours of 300-level or above biology courses

Electives to bring total to 120 credit hours.

Suggested First-Year Program

First Semester

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<td>Chemistry C101-C121</td>
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Second Semester

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Suggested Second-Year Program

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Second Semester

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Suggested Third-Year Program

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Second Semester

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<td>Biology Physiology</td>
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### Suggested Fourth-Year Program

**First Semester**

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**Second Semester**

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<td>Biology L403</td>
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**List of major courses, including the biology core, for Preprofessional Track:**

- Four 5 credit hour courses in Chemistry (usually C105-C125, C106-C126, C341-C343, C342-C344), C483 recommended.
- One course in Mathematics Calculus (usually M215, or M119 in special cases), K300 recommended, M120 or M216 recommended for some programs.
- Two 5 credit hour courses in Physics (usually P201-P202 or P221-P222).
- Introductory sequence (usually L101, L102) and Molecular Biology (usually L211) with average GPA in these three courses of 2.2 or higher.
- Genetics (usually L311-L319 or K322-K323)
- Cell Biology (usually L312)
- Developmental Biology (usually L317 or Z317 with Z318, or B373)
- Physiology (usually L308, P416-P418, or M350-M360)
- Ecology (usually L473 or M420 with L474)
- Evolution (usually L318)
- Biology Seminar (L403)
- Required Organismal Diversity Elective (choice of B230, B364, M310-M315, Z373-Z383, Z406, or approval of the program coordinator)
- Biology Electives, 8 or more credit hours of 300-level or above biology courses

### Suggested First-Year Program

**First Semester**

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<td>English W131</td>
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<td>Mathematics M215 or M119 (see above)</td>
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**Second Semester**

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### Suggested Second-Year Program

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<td>Chemistry C341-C343</td>
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**Second Semester**

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<td>Cell Biology</td>
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<td>Genetics</td>
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<td>Chemistry C342-C344</td>
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### Suggested Third-Year Program

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<td>Chemistry C483 (optional)</td>
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### Suggested Fourth-Year Program

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**Total Credits:** 19

#### Second Semester

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<td>Foreign language course</td>
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**Total Credits:** 17

### Requirements for a Minor in Biology

20 credit hours, chosen from the following biological science courses:

- No more than one introductory biology course such as BIOL L101, L102, PLSC B101, ZOOL Z103.
- ANAT A464 Human Tissue Biology (5 cr.)
- BIOL K312 Immunology (3 cr.)
- BIOL K313 Immunology Laboratory (2 cr.)
- BIOL K322 Genetics (3 cr.)
- BIOL K323 Genetics Laboratory (2 cr.)
- BIOL L200 Environmental Biology and Conservation (3 cr.)
- BIOL L211 Molecular Biology (3 cr.)
- BIOL L303 Field Biology (3 cr.)
- BIOL L304 Marine Biology (3 cr.)
- BIOL L308 Organismal Physiology (5 cr.)
- BIOL L311 Genetics (3 cr.)
- BIOL L312 Cell Biology (3 cr.)
- BIOL L313 Cell Biology Laboratory (3 cr.)
- BIOL L317 Developmental Biology (3 cr.)
- BIOL L318 Evolution (5 cr.)
- BIOL L319 Genetics Laboratory (3 cr.)
- BIOL L323 Molecular Biology Laboratory (3 cr.)
- BIOL L341 Natural History of Coral Reefs (GEOL G341, SPEA E400) (3 cr.)
- BIOL L350 Environmental Biology (3 cr.)
- BIO L433 Tropical Biology (3 cr.)
- BIO L465 Advanced Field Biology (3 cr.)
- BIO L473 Ecology (3 cr.)
- BIO L474 Laboratory in Ecology (2 cr.)
- BIO L476 Regional Ecology (2 cr.)
- GEOL G210 Oceanography (3 cr.)
- MICR M310 Microbiology (3 cr.)
- MICR M315 Microbiology Laboratory (2 cr.)
- MICR M350 Microbial Physiology and Biochemistry (3 cr.)
- MICR M360 Microbial Physiology Laboratory (3 cr.)
- MICR M420 Environmental Microbiology (3 cr.)
- MICR M485 Microbial Genetics Laboratory (3 cr.)
- PHSL P416 Comparative Animal Physiology (3 cr.)
- PHSL P418 Laboratory in Comparative Animal Physiology (2 cr.)
- PLSC B203 Survey of the Plant Kingdom (5 cr.)
- PLSC B214 Natural History (3 cr.)
- PLSC B364 Summer-Flowering Plants (5 cr.)
- PLSC B368 Ethnobotany (Plants and Civilization) (3 cr.)
- PLSC B373 Plant Growth and Development (5 cr.)
- BIOL Z317 Introductory Developmental Biology Lecture (3 cr.)
- BIO L318 Developmental Biology Laboratory (2 cr.)
- ZOOL Z373 Entomology (3 cr.)
- ZOOL Z374 Invertebrate Zoology (5 cr.)
- ZOOL Z383 Entomology Laboratory (2 cr.)
- ZOOL Z406 Vertebrate Zoology (5 cr.)
- ZOOL Z460 Ethology (Animal Behavior) (3 cr.)
- ZOOL Z466 Endocrinology (3 cr.)
- ZOOL Z476 Biology of Fishes (3 cr.)

### Requirements for a Minor in Microbiology

20 credit hours chosen from the following:

- BIO L474 Laboratory in Ecology (2 cr.)
- BIO L476 Regional Ecology (2 cr.)
- GEOL G210 Oceanography (3 cr.)
- MICR M310 Microbiology (3 cr.)
- MICR M315 Microbiology Laboratory (2 cr.)
- MICR M350 Microbial Physiology and Biochemistry (3 cr.)
- MICR M360 Microbial Physiology Laboratory (3 cr.)
- MICR M420 Environmental Microbiology (3 cr.)
- MICR M485 Microbial Genetics Laboratory (3 cr.)
- PHSL P416 Comparative Animal Physiology (3 cr.)
- PHSL P418 Laboratory in Comparative Animal Physiology (2 cr.)
- PLSC B203 Survey of the Plant Kingdom (5 cr.)
- PLSC B214 Natural History (3 cr.)
- PLSC B364 Summer-Flowering Plants (5 cr.)
- PLSC B368 Ethnobotany (Plants and Civilization) (3 cr.)
- PLSC B373 Plant Growth and Development (5 cr.)
- BIOL Z317 Introductory Developmental Biology Lecture (3 cr.)
- BIO L318 Developmental Biology Laboratory (2 cr.)
- ZOOL Z373 Entomology (3 cr.)
- ZOOL Z374 Invertebrate Zoology (5 cr.)
- ZOOL Z383 Entomology Laboratory (2 cr.)
- ZOOL Z406 Vertebrate Zoology (5 cr.)
- ZOOL Z460 Ethology (Animal Behavior) (3 cr.)
- ZOOL Z466 Endocrinology (3 cr.)
- ZOOL Z476 Biology of Fishes (3 cr.)

---

1. L473 and L474 must be taken concurrently.
2. L474 and M420 must be taken concurrently.
MICR M360 Microbial Physiology Laboratory (3 cr.)
MICR M420 Environmental Microbiology (3 cr.)
MICR M485 Microbial Genetics Laboratory (3 cr.)
PLSC B101 Plant Biology (5 cr.)
ZOOL Z103 Animal Biology (5 cr.)

Requirements for a Minor in Plant Sciences
15 credit hours from the following:
- BIOL L490 Individual Study (in botany) (cr. arr.)
- PLSC B101 Plant Biology (5 cr.)
- PLSC B203 Survey of Plant Kingdom (5 cr.)
- PLSC B214 Natural History (3 cr.)
- PLSC B364 Summer-Flowering Plants (5 cr.)
- PLSC B368 Ethnobotany (Plants and Civilization) (3 cr.)
- PLSC B373 Plant Growth and Development (5 cr.)

Students who plan to obtain the A.S. or B.S. degree in an allied health program must contact the IUS allied health sciences coordinator at (812) 941-2184 before planning their program of study.

Certificate in Medical Transcription
A 16 credit hour program that prepares the student to transcribe medical, surgical, radiology, and pathology reports dictated by physicians and other ancillary disciplines. The courses needed are CSCI C106, ENG W131, AHLT M195, AHLT C150, AHLT M109, and AHLT M102.

Certificate in Coding Specialist
A 20 or 24 credit hour program that trains students to code information using ICD-9-CM and CPT in the health care setting. Two options are available: Option 1 in which the student takes 20 credit hours, with the goal of stopping with the Coding Specialist Certificate; and Option 2 in which the student takes 24 credit hours, with the goal of obtaining the Coding Specialist Certificate as preparation for possible entry into the Health Information Technology Associate Degree program. Option 1 requires the following courses: PHSL P130, AHLT M195, AHLT C150, AHLT M190, AHLT M191, MICR J200. Option 2 requires the following: ANAT A215, AHLT M195, PHSL P215, AHLT R200, AHLT M190, AHLT M191.

Other Allied Health Science Degree Programs
Students interested in degrees in allied health science fields can take courses toward those degrees at Indiana University Southeast. Students generally can take one to three years at IU Southeast and then must complete their degrees at another institution, such as the Indiana University Medical Center at Indianapolis. Many such students will be only a few courses short of an A.A. in Biology (see above.)

Any student who is interested in allied health science programs should contact the Dean of the School of Natural Sciences for the most current information about the availability of courses and programs and the requirements for completing degrees.

The following are some programs which students may begin at IU Southeast:
- A.S. Health Information Technology
- A.S. Paramedic Science
- A.S. Radiography
- B.S. Clinical Laboratory Science
- B.S. Cytotechnology
- B.S. Health Information Administration
- B.S. Medical Imaging Technology
- B.S. Nuclear Medicine Technology
- B.S. Occupational Therapy
- B.S. Radiation Therapy
- B.S. Respiratory Therapy

Students interested in physical therapy must ultimately earn a master’s degree in that field. Contact the Dean of the School of Natural Sciences for information about pre-professional preparation at the bachelor’s level.

Double Major in Biology and Chemistry
This program is recommended for preprofessional students such as premedical and predental students who have a strong interest in both biology and chemistry. Students in the double major in biology and chemistry program will complete the requirements discussed in “General Requirements for All Degrees” and “Graduation Requirements for the Bachelor of Arts,” in this bulletin (47-53 credit hours), introductory biology sequence (usually L101, L102) and Molecular Biology (usually L211) with an average GPA in these three courses (13 credit hours) of 2.2 or better, 19 credit hours of upper level biology core (see below), 33 credit hours of chemistry with a grade of C or better in each core course, and the following courses: Physics P201-P202 or P221-P222 (10 credit hours); and Mathematics M215, M216 (10 credit hours). Total hours credit hours are 130 to 138.

\(^{2}\)L474 and M420 must be taken concurrently.
Campus requirements:
ENG W131 Elementary Composition I, COAS R200 Research Writing, Computer Literacy (3 cr. hrs of CSCI C100 or CSCI C106)

Liberal Arts and Distribution requirements:
Two years Foreign Language;
Two courses in Mathematical and Formal Reasoning: one course covered by major requirement, one course in Formal Reasoning (usually A201, C201);
Three courses in The Individual, Society and Politics: one course in Psychology and Society, one course in Politics and Economics and an additional course in either of the previous two;
Five courses in four categories of Literature, Ideas, History and the Arts with two in Historical Investigation;
One course in Cultural Diversity. This course may also be used to satisfy a distribution requirement above.

Biology requirements:

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductory Biology sequence L101-L102 .................. 10</td>
</tr>
<tr>
<td>Molecular Biology L211 ........................................... 3</td>
</tr>
<tr>
<td>Genetics (usually L311-L319 or K322-K323) .............. 5</td>
</tr>
<tr>
<td>Cell Biology (usually L312) ..................................... 3</td>
</tr>
<tr>
<td>Developmental Biology (usually L317 or Z317 with Z318, or B373) ........................................... 5</td>
</tr>
<tr>
<td>Physiology (usually L308 or P416-P418) ................... 5</td>
</tr>
<tr>
<td>Biology Seminar L403 ............................................ 1</td>
</tr>
<tr>
<td>Total .............................................................. 32</td>
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Chemistry requirements:

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>C105-C125 ......................................................... 5</td>
</tr>
<tr>
<td>C106-C126 ......................................................... 5</td>
</tr>
<tr>
<td>C302 ................................................................. 1</td>
</tr>
<tr>
<td>C315 ................................................................. 3</td>
</tr>
<tr>
<td>C317 ................................................................. 3</td>
</tr>
<tr>
<td>C318 ................................................................. 3</td>
</tr>
<tr>
<td>C341-C343 .......................................................... 5</td>
</tr>
<tr>
<td>C342-C344 .......................................................... 5</td>
</tr>
<tr>
<td>C361 ................................................................. 3</td>
</tr>
<tr>
<td>Total .............................................................. 33</td>
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Other requirements:
<table>
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<tr>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Calculus .......................................................... 10</td>
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<tr>
<td>Physics ............................................................. 10</td>
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<tr>
<td>Total .............................................................. 20</td>
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Suggested First-Year Program

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>Biology L101 ...................................................... 5</td>
<td></td>
</tr>
<tr>
<td>Chemistry C105-C125 ........................................... 5</td>
<td></td>
</tr>
<tr>
<td>English W131 ..................................................... 3</td>
<td></td>
</tr>
<tr>
<td>Mathematics M215 ................................................. 5</td>
<td></td>
</tr>
<tr>
<td>Total .............................................................. 18</td>
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</table>

Second Semester

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology L102 ...................................................... 5</td>
</tr>
<tr>
<td>Chemistry C106-C126 ........................................... 5</td>
</tr>
<tr>
<td>Computer Literacy ............................................. 3</td>
</tr>
<tr>
<td>Mathematics M216 ................................................. 5</td>
</tr>
<tr>
<td>Total .............................................................. 18</td>
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Suggested Second-Year Program

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<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Biology L211 ...................................................... 3</td>
<td></td>
</tr>
<tr>
<td>Chemistry C341-C343 ........................................... 5</td>
<td></td>
</tr>
<tr>
<td>Arts and sciences distribution courses (one of which counts toward the research writing requirement) ............... 6</td>
<td></td>
</tr>
<tr>
<td>Total .............................................................. 17</td>
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Second Semester

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology Cell Biolgy ............................................. 3</td>
</tr>
<tr>
<td>Biology Genetics ............................................... 5</td>
</tr>
<tr>
<td>Chemistry C342-C344 ........................................... 5</td>
</tr>
<tr>
<td>Arts and sciences distribution course ....................... 3</td>
</tr>
<tr>
<td>Total .............................................................. 16</td>
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Suggested Third-Year Program

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology Developmental .......................................... 5</td>
<td></td>
</tr>
<tr>
<td>Chemistry C317 ................................................... 2</td>
<td></td>
</tr>
<tr>
<td>Physics P201 or P221 ......................................... 5</td>
<td></td>
</tr>
<tr>
<td>Foreign language course ........................................ 4</td>
<td></td>
</tr>
<tr>
<td>Total .............................................................. 16</td>
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Second Semester

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>Biology Physiology ............................................... 5</td>
</tr>
<tr>
<td>Chemistry C318 ................................................... 2</td>
</tr>
<tr>
<td>Physics P202 or P222 ......................................... 5</td>
</tr>
<tr>
<td>Foreign language course ........................................ 4</td>
</tr>
<tr>
<td>Total .............................................................. 16</td>
</tr>
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</table>
Suggested Fourth-Year Program

First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology L403</td>
<td>1</td>
</tr>
<tr>
<td>Computer Science C201, A201</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry C361</td>
<td>3</td>
</tr>
<tr>
<td>Arts and sciences distribution courses (one of which counts toward the cultural diversity requirement)</td>
<td>6</td>
</tr>
<tr>
<td>Foreign language course</td>
<td>3</td>
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Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Chemistry C302</td>
<td>1</td>
</tr>
<tr>
<td>Chemistry C315</td>
<td>3</td>
</tr>
<tr>
<td>Arts and sciences distribution courses</td>
<td>9</td>
</tr>
<tr>
<td>Foreign language course</td>
<td>3</td>
</tr>
</tbody>
</table>

Bachelor of Arts in Chemistry

Requirements

In addition to the “Graduation Requirements for the Bachelor of Arts Degree” described in this bulletin, the candidate must complete at least 33 credit hours in chemistry, 10 credit hours in physics, and 10 credit hours in mathematics. Students with credits from other institutions pursuing a major in chemistry must complete at least three advanced chemistry courses (300 level or higher) and 1 credit hour of seminar (CHEM C301, C302, or C305) at IUS.

Minimum Required Courses

Chemistry C105, C106, C125, C126, C301 or C302, C315, C317, C318, C341, C342, C343, C344, C361, Mathematics M215, M216, and Physics P201-P202 or P221-P222.

ACS Approved Degree

The chemistry department also offers a curriculum that is approved by the American Chemical Society (ACS) for those who are interested in a broader background in chemistry, especially students who are planning to attend graduate school or become professional chemists. Students completing this program receive a certificate from the ACS. The ACS-approved curriculum has the following requirements in addition to the minimum: Chemistry C362, C364, C430, C483, and at least two additional credit hours of laboratory work such as C444, or Chemical Research C409.

It is essential that students who plan to become professional chemists complete Physics P221-P222 and Mathematics M215-M216 by the end of the sophomore year and C361 Physical Chemistry by the end of the junior year, as shown in the following recommended programs.

Suggested First-Year Program

First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry C105</td>
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</tr>
<tr>
<td>Chemistry C125</td>
<td>2</td>
</tr>
<tr>
<td>English W131</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics M215</td>
<td>5</td>
</tr>
<tr>
<td>Arts and sciences distribution course</td>
<td>3</td>
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</table>

Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry C106</td>
<td>3</td>
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<tr>
<td>Chemistry C126</td>
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<tr>
<td>Mathematics M216</td>
<td>5</td>
</tr>
<tr>
<td>Arts and sciences distribution course</td>
<td>6</td>
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</tbody>
</table>

Suggested Second-Year Program

First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Chemistry C341</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry C343</td>
<td>2</td>
</tr>
<tr>
<td>Mathematics M311</td>
<td>3</td>
</tr>
<tr>
<td>Physics P221</td>
<td>5</td>
</tr>
<tr>
<td>Arts and sciences distribution course</td>
<td>3</td>
</tr>
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Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry C342</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry C344</td>
<td>2</td>
</tr>
<tr>
<td>Mathematics M313</td>
<td>3</td>
</tr>
<tr>
<td>Physics P222</td>
<td>5</td>
</tr>
<tr>
<td>Arts and sciences distribution course</td>
<td>3</td>
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</tbody>
</table>

Suggested Third-Year Program

First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry C317</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry C361</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry elective</td>
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<tr>
<td>Foreign language course</td>
<td>4</td>
</tr>
<tr>
<td>Arts and sciences distribution course</td>
<td>3</td>
</tr>
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</table>

Second Semester
Second Semester
Chemistry C315 .................................................................3
Chemistry C318 .................................................................3
Chemistry C362 .................................................................3
Computer science course .................................................3
Foreign language course ..................................................4

Suggested Fourth-Year Program
First Semester
Chemistry C364 .................................................................3
Chemistry elective ............................................................3
Foreign language course ..................................................3
Arts and sciences distribution courses ..........................6

Second Semester
Chemistry C302 .................................................................1
Chemistry elective ............................................................3
Arts and sciences distribution courses ..........................9
Foreign language course ..................................................3

Bachelor of Arts in Chemistry with a Minor in Business
This program is recommended for students who plan to pursue careers in industry, government, sales, or other areas where business and administrative skills could enhance success in the field. It could also provide the basis for further studies in either fields of chemistry or business.

Suggested First-Year Program
First Semester
Chemistry C105 .................................................................3
Chemistry C125 .................................................................2
English W131 .....................................................................3
Mathematics M215............................................................5
Economics E107 or E108 ..................................................3

Second Semester
Chemistry C106 .................................................................3
Chemistry C126 .................................................................2
Mathematics M216............................................................5
Arts and sciences general study courses .........................6

Suggested Second-Year Program
First Semester
Chemistry C341 .................................................................3
Chemistry C343 .................................................................2
COAS W100 (Business) ......................................................3
Physics P221 or P201 ........................................................5
Arts and sciences distribution course ..........................3

Second Semester
Chemistry C342 .................................................................3
Chemistry C344 .................................................................2
Business A201 .................................................................3
Physics P202 or P222 ........................................................5
Arts and sciences distribution course ..........................3

Suggested Third-Year Program
First Semester
Chemistry C317 .................................................................3
Chemistry C361 .................................................................3
Chemistry elective ............................................................3
Foreign language course ..................................................4
Arts and sciences distribution course ..........................3

Second Semester
Chemistry C315 .................................................................3
Chemistry C318 .................................................................3
Business F301 .................................................................3
Computer Science C106 ....................................................3
Foreign language course ..................................................4

Suggested Fourth-Year Program
First Semester
Business F301 .................................................................3
Business elective (K321 is suggested) ............................3
Foreign language course ..................................................3
Arts and sciences distribution courses .........................6

Second Semester
Chemistry C302 .................................................................1
Business elective (P301 is suggested) ............................3
Foreign language course ..................................................3
Arts and sciences distribution courses .........................9
**Summer Course Credits**

Statistics E280 ......................................................... 3

**Requirements for a Minor in Chemistry**

The minor in chemistry requires 20-21 credit hours; at least 8 credit hours must be completed at IUS. The courses include:

- CHEM C105 Principles of Chemistry (3 cr.)
- CHEM C106 Quantitative Chemistry (3 cr.)
- CHEM C125 Experimental Chemistry I (2 cr.)
- CHEM C126 Experimental Chemistry II (2 cr.)
- CHEM C341 Organic Chemistry I Lectures (3 cr.)
- CHEM C343 Organic Chemistry I Laboratory (2 cr.)
- and two of the following:
  - CHEM C303 Environmental Chemistry (3 cr.)
  - CHEM C317 Equilibria and Electrochemistry (3 cr.)
  - CHEM C318 Spectrochemistry and Separations (3 cr.)
  - CHEM C333 Experimental Environmental Chemistry (2 cr.)
  - CHEM C342 Organic Chemistry II Lecture (3 cr.)
  - CHEM C344 Organic Chemistry II Laboratory (2 cr.)
  - CHEM C361 Physical Chemistry of Bulk Matter (3 cr.)

**Requirements for a Minor in Environmental Chemistry**

The minor in Environmental Chemistry requires at least 24 credit hours must include CHEM C303, C317, and C318.

**Certificate in Environmental Science**

This 25 to 29 credit hour program prepares science majors or graduates for employment in the environmental field. It provides skills such as field collecting, water sampling, report and scientific writing, soil sampling, regulatory policies, chemical and analytical methods, and research methods. Students must be in a degree program in the natural sciences including biology, chemistry, geoscience, or physics OR have a four year degree in one of those areas. Once admitted, the student should remediate any prerequisites (listed below). Some of these can be taken simultaneously with the required courses.

For further information or to apply, contact the School of Natural Sciences at (812) 941-2184.

Prerequisites include: one semester of introductory biology with lab; one year general chemistry (usually C105-C125, C106-126) and one year of organic chemistry (usually C342-C343); one semester of introductory geology (usually G103 or G104); one semester of college level algebra (usually M112, M125); one semester of physics (usually P100, P201 or P221); and one semester of computer programming (usually C201 or A201).

**Requirements:**

| Biology | .......................................................... | 8 |
| Ecology L473-L474 or Environmental Microbiology M420-L474 | (5 cr.) |
| Environmental Biology L350 | (3 cr.) |

| Chemistry | .......................................................... | 8 |
| Environmental Chemistry C303-C333 | (5 cr.) |
| Spectrochemistry and Separations C318 | (3 cr.) |
| (C317 will not be necessary as a prerequisite for C318) |

| Geoscience | .......................................................... | 6 |
| Environmental and Urban Geology | (3 cr.) |
| Introduction to Hydrology | (3 cr.) |

| Physics | .......................................................... | 3 |
| Environmental Physics | (3 cr.) |

| Laws and Regulations | ................................................... | 0-3 |
| E.g., HPER S354 | (3 cr.) |

| Internship or job experience | ................................................... | 0-1 |

25-29

**Associate of Science in Computer Science**

This program is designed to meet the needs of students who plan a career in computer science or whose career area requires extensive first-hand knowledge of computer science. Together, the basic curriculum and electives afford students considerable flexibility in planning a degree program to meet their career objectives.

CSCI C201 Computer Programming II is a required prerequisite to subsequent computer science courses and should be taken during the first semester of the first year. However, students who have not completed two years of high school algebra or who do not score high enough to enter MATH M122 College Algebra on the math placement test must take MATH M007 Elementary Algebra and/or MATH M117 Intermediate Algebra before taking CSCI C201. Because of prerequisite relationships, the computer science courses must be taken in sequence. The social sciences and arts and letters electives may be satisfied by taking any courses in those areas. In the final semester of the program, the student may, after
obtaining the approval of a sponsoring full-time faculty member, undertake a project in CSCI C390 Individual Programming Laboratory. Finally, the general requirements for all degrees at IUS include a research writing requirement to be completed during the first 60 credit hours at IUS.

The Associate of Science in Computer Science requires at least 64 credit hours:

I. General Education Core:
   a. Communication .....................................................9
      English W131
      Speech S121
      English W234
      Research Writing R200
   b. Mathematics .......................................................6-9
      Mathematics K300 or
      Economics E280-E281
      CSCI C251
   c. Social sciences electives ........................................6
      Any social sciences course satisfies this elective requirement, but the following are recommended:
      Psychology P101
      Sociology S163
   d. Arts and letters elective .......................................3
      Any arts and letters course satisfies this elective requirement, but the following is recommended:
      Philosophy P250
   e. General electives .................................................12
      It is recommended that you select general electives that satisfy specific Computer Science B.S. degree requirements.
   f. Computer competency ...........................................3
      An IU Southeast general requirement.
      CSCI C106

II. Computer Science Requirements:
   a. Core .................................................................19
      CSCI C201 (4)
      CSCI C202 (4)
      CSCI C237 (4)
      CSCI C335 (4)
      CSCI B3XX (3)
      or CSCI B4XX (3)
      or CSCI C3XX (3)
      or CSCI C4XX (3)
   b. Concentration area (one area required) ............6-7
      1) Computer Media Option
         CSCI A346 (3)
         CSCI A348 (3)
      2) Computer Networking Option
         CSCI A247 (3)
         CSCI B438 (3)
      3) Database Systems Option
         CSCI C343 (4)
         CSCI B461 (3)
      4) Information Processing Option
         CSCI C203 (3)
         CSCI C320 (3)

Bachelor of Science in Computer Science

Note: These specific requirements may change so as to affect individuals who begin programs during the 1997 fall semester and thereafter. Candidates for the Bachelor of Science degree should first review “General Requirements for All Degrees at IUS” in this bulletin.

Requirements

To be admitted to the B.S. degree program in computer science a student must satisfy the IUS admission requirements. In addition, admission into the B.S. degree program requires that a student complete the following courses with a grade point average of at least 2.5 and have an overall grade point average of at least 2.5 in these computer science courses: C201 Computer Programming II, C202 Computer Programming, C237 Operating Systems Concepts, and C335 Computer Structures. These requirements must be met before attaining junior status (56 credit hours) in order to maintain a normal four-year schedule. Admission to this program will be limited to the number of students which can be effectively accommodated given the available resources. While completing the required basic computer science course work, the student is also required to fulfill the basic mathematics requirement (C251, and M119-M120 or M215-M216). This is necessary to maintain a normal four-year schedule and to meet the mathematics prerequisite requirements of the upper-level computer science courses.

Each student will select one of two major option areas in which to pursue advanced courses: (1) information systems and (2) science/mathematics. Within each option area there are required advanced sequences in computer science and related disciplines that enable students to tailor their advanced course work to meet any one of several career objectives. Please note that taking the course requirements for
both options on this degree may add up to a number less than the required 123 credit hours. The student should fulfill the remaining hours with electives.

Computer Science Electives
The following classes are approved electives for both the information systems and science/mathematics options:

A247 Network Technologies and Administration
A346 User-Interface Programming
A348 Mastering the World Wide Web
B438 Fundamentals of Computer Networks
C203 COBOL and File Processing
C320 Advanced COBOL
C390 Individual Programming Lab
C421 Computer Organization
C422 Advanced Computer Organization
C431 Assemblers and Compilers I
C432 Assemblers and Compilers II
C435 Operating Systems I
C436 Operating Systems II
C463 Artificial Intelligence I
C464 Artificial Intelligence II
C490 Seminar in Computer Science

Information Systems Option
The information systems option is for students who seek employment in business or industry after graduation, or who may pursue a graduate degree in information systems. Within this option the students may select courses that prepare them for careers in areas such as applications programming, business systems design and implementation, and information systems management.

The Bachelor of Science in Computer Science—Information Systems Option requires at least 123 credit hours:

I. General Education Core:
   a. Arts and Letters..........................................................6
      Two courses including:
      Philosophy P250
   b. Communication ...........................................................9
      English W131
      English W234
      Speech S121
      Research Writing R200
   c. Computer competency ..................................................3
      An IU Southeast general requirement.
      CSCI C106
   d. Mathematics............................................................12-16
      Mathematics M215-M216 or
      Mathematics M119-M120
      Mathematics K300 or
      Economics E280-E281
   e. Natural Sciences .......................................................5-10
      Physics P221-P222 or
      Physics P201-P202 or
      Physics P100
   f. Social Sciences..........................................................9
      Four courses including:
      Psychology P101
      Sociology S163

II. Business Requirements..................................................24

A business minor degree is within easy reach after taking these courses; ask a computer science advisor for help.
Accounting A201-A202
Business F301, L201, M301, P301
Economics E107-E108

III. Computer Science Requirements:
   a. Core .................................................................45
      CSCI C201 (4)
      CSCI C202 (4)
      CSCI C237 (4)
      CSCI C251 (3)
      CSCI C311 (4)
      CSCI C335 (4)
      CSCI C343 (4)
      CSCI C445 (4)
      CSCI C446 (4)
      CSCI C455 (4)
      CSCI B461 (3)
      CSCI B4XX or C4XX (3)

Science/Mathematics Option
The science/mathematics option is designed for students who intend to work in the more technical areas of computer applications or who intend to pursue a graduate degree in computer science. Within this option students may select courses to prepare themselves for careers in areas such as systems software design and implementation and scientific computing applications.

The Bachelor of Science in Computer Science—Science/Mathematics Option requires at least 123 credit hours.
I. General Education Core:
   a. Arts and Letters .....................................................6
      Two courses including:
      Philosophy P250
   b. Communication ....................................................9
      English W131
      English W234
      Speech S121
      Research Writing R200
   c. Computer competency .........................................3
      An IU Southeast general requirement.
      CSCI C106
   d. Social Sciences .......................................................9
II. Mathematics and Science Requirements:
   a. Mathematics .........................................................19
      A math minor degree is within easy reach after taking these courses; ask a computer science advisor for help.
      Mathematics M215-M216, M303, M360
      An approved Mathematics 300- or 400-level course
   b. Biological and Physical Sciences ......................16
      Sixteen credit hours including:
      Chemistry C105-C106 or
      Physics P221-P222
III. Computer Science Requirements:
   a. Core .......................................................................46
      CSCI C201 (4)
      CSCI C202 (4)
      CSCI C237 (4)
      CSCI C251 (3)
      CSCI C311 (4)
      CSCI C335 (4)
      CSCI C343 (4)
      CSCI C455 (4)
      CSCI C4XX-C4XX sequence (6-8)
      CSCI B4XX or C4XX (9)

   b. Concentration area (one area required) ............9-14
      1) Computer Networking Option
         CSCI A247 (3)
         CSCI C237 (4)
         CSCI C335 (4)
         CSCI B438 (3)
      2) Database Systems Option
         CSCI C343 (4)
         CSCI B461 (3)
      3) Information Processing Option
         BUS K321 (3)
         CSCI C203 (3)
         CSCI C320 (3)
      4) Information Technology Option
         CSCI A247 (3)
         CSCI A346 (3)
         CSCI A348 (3)

Bachelor of Arts in Geography

Requirements
In addition to the requirements listed in this bulletin in the section “Graduation Requirements for the Bachelor of Arts Degree,” the student must complete a minimum of 27 credit hours in geography, to include the following:

1. Core courses as follows:
   G107 Physical Systems of the Environment ...3 or 5
   G110 Introduction to Human Geography ..........3
   G333 Introductory Cartography ......................3
   G— (one regional geography course).................3
   G490 Senior Seminar in Geography ..................3

2. Completion of two courses from one of the following concentration areas:
   Physical Geography
   G304 Meteorology and Physical Climatology ......3
   G307 Biogeography ..............................................3
   G415 Geomorphology ..........................................3

   Cartography
   G335 Photogrammetry and Remote Sensing ........3
   G336 Environmental Remote Sensing ...............3
   G435 Cartography and Graphics ......................3
   G438 Introduction to Geographic Information Systems ......3

   Environmental Conservation
   G315 Environmental Conservation ....................3
   G432 Current Issues in Environmental Conservation ...3
Requirements for a Minor in Geography
15-17 credit hours, including the following geography courses:
- G107 Physical Systems of the Environment (3 or 5 cr.)
- G110 Introduction to Human Geography (3 cr.)
- G201 World Regional Geography (3 cr.)
- G333 Introductory Cartography (3 cr.)

and one of the following:
- G304 Meteorology and Climatology (3 cr.)
- G315 Environmental Conservation (3 cr.)
- G335 Photogrammetry and Remote Sensing (3 cr.)
- G415 Geomorphology (3 cr.)
- G435 Cartography and Graphics (3 cr.)
- G438 Introduction to Geographic Information Systems (3 cr.)

Requirements for a Minor in Earth Sciences
15-17 credit hours, including:
- GEOG G107 Physical Systems of the Environment (3 or 5 cr.)
- GEOL G103 Earth Science: Materials and Processes (3 cr.) and
  GEOL G104 Earth Science: Evolution of the Earth (3 cr.) or
  GEOL G100 Earth Science: Geologic Aspects (5 cr.)

and two of the following:
- AST A100 The Solar System (3 cr.)
- AST A105 Stellar Astronomy (3 cr.)
- GEOG G304 Meteorology and Physical Climatology (3 cr.)
- GEOG G333 Introductory Cartography (3 cr.)
- GEOG G407 Advanced Physical Geography (3 cr.)
- GEOL G221 Introductory Mineralogy (3 cr.)
- GEOL G415 Geomorphology (3 cr.)

Requirements for a Minor in Geological Sciences
15 credit hours of geological sciences classes including G103 and G104 (or G100), G221, G222, and at least 6 credit hours at the 300-400 level. Students must have their minor course program approved by the geological science advisor.

Associate of Arts in Mathematics
The candidate must complete the “General Requirements for All Degrees” and “Graduation Requirements for the Associate of Arts Degree” in this bulletin.

Concentration requirements:
- M215 Analytic Geometry and Calculus I (5 cr.)
- M216 Analytic Geometry and Calculus II (5 cr.)
- M311 Calculus III (3 cr.)

and one of the following courses:
- M303 Linear Algebra for Undergraduates (3 cr.)
- M313 Elementary Differential Equations with Applications (3 cr.)
- M360 Elements of Probability (3 cr.)
- M391 Foundations of the Number Systems (3 cr.)

Bachelor of Arts in Mathematics
Requirements
In addition to the requirements listed in this bulletin in the section “Graduation Requirements for the Bachelor of Arts Degree,” the student must take Mathematics M215, M216, M303, M311, M360, M391, one additional mathematics course at the 300 level (excluding K300), M403, M413, and computer science C201. No mathematics course below the 200 level may be counted toward the major subject area. These requirements are a minimum; those students who are planning graduate study in mathematics are strongly encouraged to take additional upper-level courses in mathematics. In addition, it is strongly recommended that the candidate take electives in areas related to mathematics. Depending on interests and goals, the candidate may choose these from other mathematics offerings; from computer science offerings such as C251; from physics offerings such as P221-P222; from chemistry offerings such as C105-C106; or from various education courses leading to certification.

Recommended Four-Year Program

First Year

First Semester Credits
- English W131 .................................................................3
- Mathematics M215 ...................................................5
- Physics P221 (elective) .............................................5
- Arts and sciences distribution course .........................3
  16

Second Semester

- Computer Science C201 ............................................3
- Mathematics M216 ...................................................5
- Physics P222 (elective) .............................................5
- Arts and sciences distribution course .........................3
  16
Students majoring in mathematics or physical sciences are strongly advised to take Computer Science C201 and Mathematics M313, M366, M371, and M415. If these students have a strong high school background in algebra and trigonometry, they should start their mathematics studies with M215 and M216. Students whose high school background is weak in algebra or trigonometry should take M125 and/or M126 before taking M215.

Students majoring in business or social sciences who have a good high school background in algebra should take M118 and M119. Students with a weak high school background in algebra should take M007 before taking M118 and should take M122 before taking M119. Biology and social science majors should also take Computer Science C201. C203 is a recommended computer science course for business majors.

Students majoring in education should refer to the School of Education for programs leading to certification. Students whose high school background is weak in algebra or trigonometry should take M125 and/or M126 before taking M215. For students in secondary mathematics education (bachelor’s or master’s degree candidates), the following math courses are recommended: M303, M360, M366, M371, M391, M403, M413, M421, and M436.

Requirements for a Minor in Mathematics
16 credit hours including the following mathematics courses:

- M215 Analytic Geometry and Calculus I (5 cr.)
- M216 Analytic Geometry and Calculus II (5 cr.)
- M311 Calculus III (3 cr.)
- M303 Linear Algebra for Undergraduates (3 cr.)
- M313 Elementary Differential Equations with Applications (3 cr.)
- M360 Elements of Probability (3 cr.)

Associate of Arts in Physics
The candidate must complete the “General Requirements for All Degrees” and “Graduation Requirements for the Associate of Arts Degree” in this bulletin.

The required concentration courses are P221, P222, P301, and P309.

The non-distribution electives should come from the following: MATH M215, M216, M311, M313; CSCI C201 and/or CHEM C105, C106, C125, C126.
Suggested First-Year Program

First Semester

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<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
<td>ENG W131</td>
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<td>PHYS P221</td>
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Second Semester

<table>
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<tr>
<th>Course</th>
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<tr>
<td>MATH M216</td>
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<td>PHYS P222</td>
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Suggested Second-Year Program

First Semester

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<th>Course</th>
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<tbody>
<tr>
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</tr>
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<td>PHYS P301</td>
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<tr>
<td>PHYS P309</td>
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<td>Foreign language</td>
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Second Semester

<table>
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<th>Course</th>
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<tbody>
<tr>
<td>CHEM C106</td>
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<tr>
<td>CHEM C126</td>
<td>2</td>
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<td>4</td>
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<tr>
<td>Divisional distribution electives</td>
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Requirements for a Minor in Physics

21 credit hours in physics including these physics courses: P201 or P221, P202 or P222, P301, P309, and two additional 3 credit hour physics courses numbering 300 or above.
Courses

Biological Sciences

Allied Health (AHLT)

AHLT M101 Introduction to Health Records (5 cr.) (Formerly MRS I) Organization of the health care industry; systems and processes for collecting, maintaining and disseminating health-related information.

AHLT M102 Clinical Experience I (2-4 cr.) Clinical assessment in systems and processes for collecting, maintaining, and disseminating health-related information; development of professional attitude for interacting with consumers and other professions in the health care industry.

AHLT M107 Computer Applications in Health Information Technology (2-3 cr.) Overview of microcomputers; introduction to software and hardware commonly used in automated medical record service departments. Includes instruction in medical transcription and word processing, spreadsheet, master patient index, correspondence management, record location, deficiency entry, and statistical software. Emphasis on independent use of equipment.

AHLT M109 Medical Transcription/Word Processing (2 cr.) P: M195, CSCI C106, ENG W131. Practice in transcription and word processing of medical reports and correspondence related to the medical record. Emphasis on understanding, speed, and skills in use of transcription, dictation, and word processing equipment.

AHLT M120 Health Statistics (2 cr.) Study of the sources and uses of health data; computation of rates and percentages; vital records registration and reporting; and data reporting and display.

AHLT M190 Coding I (3 cr.) The study of ICD-9-CM coding and classifications principles; and CPT coding principles as used in acute ambulatory and long-term care facilities.

AHLT M195 Medical Terminology (3 cr.) The study of the language of medicine, including word construction, definitions, spelling, and abbreviations; emphasis on speaking, reading, and writing skills.

AHLT M200 Supervision in Health Information Services (2-3 cr.) Study of supervisory principles and practices, with application to health information services. Introduction to effective planning, organizing, and controlling.

AHLT M201 Coding and Classification Systems (2-5 cr.) The study of classifications, nomenclatures, and reimbursement systems.

AHLT M202 Clinical Experience in Coding and Classification Systems (2-5 cr.) Assignment is to area health care facilities and to the program medical record laboratory. Clinical instruction includes health record coding and related functions.

AHLT M203 Health Care Delivery and Quality Management (4 cr.) The study of clinical quality assessment and improvement; review of regulatory and accrediting organizations and health record applications in alternate health care settings; other health information systems and functions.

AHLT M204 Clinical Experience III (2 cr.) Assignment is to area health care facilities and to the program health information laboratory. Areas of clinical instruction include quality management activities, and health record systems in alternate health care settings.

AHLT M245 Health Record Law (2 cr.) Study of the basic concepts and principles of law and its application to the health care field, and specifically to health information services. Discussion of the judicial process and review of the laws dealing with confidentiality and release of information; liability of health care providers and other topics.

AHLT M330 Medical Terminology (3 cr.) Understanding and use of medical-profession vocabulary; emphasis on speaking, reading, and writing skills. Does not fulfill divisional distribution for Arts and Sciences.

AHLT R200 Pathology (3 cr.) P: A biology course. A survey of the changes that occur in the diseased state to include general concepts of disease, causes of disease, clinical symptoms and treatment, and diseases that affect specific body systems.
Anatomy (ANAT)
A215 Basic Human Anatomy (5 cr.) Structure of cells, tissues, organs, and systems and their relationship to function. (Lab fee required.)

A464 Human Tissue Biology (5 cr.) P: BIOL L317 or ZOOL Z317 and Z318 or consent of instructor. Microscopic structure of mammalian (with emphasis on human) tissues and organs. (Lab fee required.)

Biology (BIOL)
E111 Basic Biology by Examination I (3 cr.) Credit by examination for demonstrating an understanding of basic facts and concepts of the lecture content of L101. Credit not given for both L101 and E111.

E112 Basic Biology by Examination II (3 cr.) Credit by examination for demonstrating an understanding of basic facts and concepts of the lecture content of L102. Credit not given for both L102 and E112.

K312 Immunology (3 cr.) P: MICR M310 or consent of instructor. An examination of molecular and cellular immunology, abnormal immune responses, and immunology reactions used in diagnosis.

K313 Immunology Laboratory (2 cr.) P: BIOL K312 concurrently. Experimental examination of the immune response. Use of the antigen-antibody reaction for diagnostic purposes. (Lab fee required.)

K322 Genetics (3 cr.) P: BIOL L101, L102, L211. Concurrent: BIOL K323. Principles of genetics at the molecular, cellular, organismal, and population level. Credit given for one of L311 or K322.

K323 Genetics Laboratory (2 cr.) Concurrent: BIOL K322. Applied principles of genetics using bacteria and viruses. Credit given for one of L319 or K323. (Lab fee required.)

L100 Humans and the Biological World (5 cr.) Principles of biological organization, from molecules through cells and organisms to populations. Emphasis on processes common to all organisms, with special reference to human beings. This course will not count toward a biology degree. (Lab fee required.)

L101 Introduction to Biological Sciences I (5 cr.) P: One year of high school chemistry or one semester of college chemistry. Lecture and laboratory. Fundamental principles of biology for students considering a biology major or students with high school science background. Principles of evolution, animal morphology, physiology and diversity, and ecology. (Lab fee required.)

L102 Introduction to Biological Sciences II (5 cr.) P: One year of high school chemistry or one semester of college chemistry. Lecture and laboratory. Fundamental principles of biology for students considering a biology major or students with high school science background. Principles of biochemistry, cell biology, genetics, developmental biology, systematics, nonanimal diversity, and plant biology. (Lab fee required.)

L113 Biology Laboratory (3 cr.) P: E111, E112. Laboratory experiments in various aspects of biology with focus on investigative logic and methods. Introduces aspects of cell biology, genetics, and evolutionary biology.

L200 Environmental Biology and Conservation (3 cr.) An interdisciplinary examination of environmental problems. Class may include lectures, films, fieldwork, and laboratory methods including computer simulations. Fieldwork, if undertaken, may include trips to local industries with pollution controls in place, trips to examine local habitats, or other appropriate activities. Not open to students who have had E162, L350, or L473.

L211 Molecular Biology (3 cr.) P: Z103 or L100. Structure and function of DNA and RNA. DNA replication, mechanisms of mutation, repair, recombination, and transposition. Mechanisms and regulation of gene expression. The genetic code, transcription, and translation. Introduces bacteriophages, plasmids, and the technology of recombinant DNA.

L290 Introduction to Research (1 cr.) P: Consent of instructor. Prepares students for L490 Individual Study.

L303 Field Biology (3 cr.) R: One semester of biology. A summer or intensive course designed to acquaint the student with natural biological interactions in the environment. The course consists of a period of field study in an area remote from the local campus. Orientation prior to and following course. May be repeated once for credit.

L304 Marine Biology (3 cr.) R: One biology course. An introductory course for majors and nonmajors involving the study of principles, concepts, and techniques of marine and estuarine biology.

L308 Organismal Physiology (5 cr.) P: L101, L102, L211. Lecture and laboratory. Structural and functional aspects of regulative processes in animals: detection of the environment, integrative functions, and reproduction.
Laboratory deals with representative experiments on animal physiological processes. Credit given for one of L308 or P416-P418. (Lab fee required.)

**L311 Genetics (3 cr.)** P: L101, L102, L211. Concurrent: L319. Lecture course on the principles of heredity at the molecular, cellular, individual, and population levels. Credit given for one of L311 or K322.

**L312 Cell Biology (3 cr.)** P: Consent of instructor. Current views of the structure and function of cellular organelles and components, with emphasis on the flow of information through the cell, the metabolism that supports cellular functions, and differences among different specialized cells. Current techniques will be stressed.

**L313 Cell Biology Laboratory (3 cr.)** Concurrent: L312. Theory and techniques of experimental cell physiology.

**L317 Developmental Biology (3 cr.)** P: L101, L102, L211. Concurrent: Z318. Analysis of developmental processes that lead to the construction of whole organisms from single cells. Includes the principles of embryology and analysis of mutations affecting development. Credit given for one of L317 or Z317.

**L318 Evolution (5 cr.)** P: L101, L102, L211, genetics. Provides an exploration of the theory of evolution—the conceptual core of biology. Topics include origins and history of life; the interplay of heredity and environment in shaping adaptations; molecular, behavioral, and social evolution; patterns of speciation, extinction, and their consequences; methods for inferring evolutionary relationships among organisms. (Lab fee required.)

**L319 Genetics Laboratory (3 cr.)** Concurrent: L312. Experimentation demonstrating fundamental genetics mechanisms. Credit given for one of L311 or K323. (Lab fee required.)


**L341 Natural History of Coral Reefs (GEOL G341, SPEA E400) (3cr.)** P: A 100-level biology course. Introduction to principles of biology, ecology, and geology as applied to coral reef ecosystems.

**L350 Environmental Biology (3 cr.)** P: Junior or senior standing. Interactions of human beings with other elements of the biosphere with emphasis on population, community, and ecosystem levels of ecology. Does not count toward the ecology requirement for biology majors.

**L391 Special Topics in Biology (1-3 cr.)** P: Consent of instructor. Study and analysis of selected biological issues and problems. Topics vary from semester to semester. May be repeated with change in topics.

**L403 Biology Seminar (1 cr.)** P: Junior or senior standing and consent of instructor. Individual presentation of topics of current importance. (May be repeated for credit.)

**L433 Tropical Biology (3cr.)** Field study topics include plants and animals, their ecology and interactions in rain forests, and the marine/land interface. Projects on particular aspects of areas visited and a detailed field notebook are required.

**L440 Introduction to Biotechnology (3cr.)** P: L211 and L312. Will cover topics central to biotechnology and the biotechnological industry including industrial organisms, recombinant DNA techniques, protein isolation and assay, genetic and molecular identification of therapeutic targets, intellectual property, biotechnology companies and regulatory issues.

**L452 Capstone in Biology (2 cr.)** P: biology majors with senior standing. An integrative experience for biology majors.

**L465 Advanced Field Biology (3 cr.)** R: L473 or equivalent and consent of instructor. Lectures and two to three weeks of fieldwork on various problems of ecosystem structure. May be repeated once for credit.

**L473 Ecology (3 cr.)** P: L101, L102, L211, required organismal diversity elective. Concurrent: BIOL L474. Distribution and abundance of animals and plants; interactions of organism and environment at levels of individual, population, and community from functional point of view. Not open to students with credit in S309. Fall Sem.

**L474 Laboratory in Ecology (2 cr.)** P or concurrent: BIOL L473 or MICR M420, or consent of instructor. R: PLSC B203, PLSC B364 or ZOOL Z373, ZOOL Z374. Introduction to research in ecology. Field and laboratory techniques in study of distribution and abundance of organisms. (Lab fee required.) Fall Sem.
L476 Regional Ecology (2 cr.) P: Student must be concurrently enrolled in L303 and have consent of instructor. Selective trips to ecological areas to study both the flora and fauna of a particular biome. (Lab fee required.)

L477 Computers in Biology (3 cr.) Applications of mini-, micro-, and mainframe computers to biological work. Lectures and computer operation. Not concerned with computer programming.

L490 Individual Study (cr. arr.; 12 cr. max.) P: Written consent of biology coordinator.

L498 Internship in Professional Practice (1-6 cr.) Provides an opportunity for students to receive credit for selected career-related work. Evaluation by employer and faculty sponsor on S/F basis.

L499 Internship in Biology Instruction (3 cr.) P: Consent of instructor. An internship for biology majors desiring college teaching experience. Students will be provided training in lecture-laboratory presentations. Each student will present lectures and laboratories that will be videotaped for subsequent analysis and follow up suggestions for improvement.

Geology (GEOL)
G210 Oceanography (3 cr.) Study of the physical and biological features of the ocean environment.

Microbiology (MICR)
J200 Microbiology and Immunology (3 cr.) P: ANAT A215, CHEM C101-C102, and PHSL P215, or equivalent. For students in the bachelor’s degree curricula in the School of Nursing; others by consent of instructor. Concurrent or previous registration in microbiology laboratory MICR J201 is recommended. Consideration of pathogenic bacteria, viruses, fungi, and parasites in human disease; immunology and host-defense mechanisms.


M310 Microbiology (3 cr.) P: L101, L102, L211. Concurrent: MICR M315. Introduction to microorganisms and viruses as model systems for comparative studies of cytology, metabolism, nutrition, genetics, and intracellular regulatory mechanisms, with emphasis on medical microbiology.

M315 Microbiology: Laboratory (2 cr.) P: MICR M310 concurrently. Exercises and demonstrations to yield proficiency in principles and techniques of cultivation and utilization of microorganisms under aseptic conditions. (Lab fee required.)

M350 Microbial Physiology and Biochemistry (3 cr.) P: L101, L102, L211, MICR M310 and MICR M315 (lab). Concurrent: M360. Intended for biology and chemistry majors. Introduction to microbial biochemistry and physiology; nutrition, growth, and metabolism of selected bacteria.

M360 Microbial Physiology Laboratory (3 cr.) Concurrent: MICR M350. Introduction to techniques for fractionation, isolation, and purification of cellular components. Analysis of bacterial growth, enzyme purification, chromatographic analysis of proteins and other metabolites, and gel electrophoresis. (Lab fee required.)

M420 Environmental Microbiology (3 cr.) P: L101, L102, L211, and CHEM C341. Role of microorganisms in various ecosystems. Detection and enumeration of microorganisms and their products from various environments. BIOL L474 must be taken concurrently.

M485 Microbial Genetics Laboratory (3 cr.) P: Genetics lecture and lab or permission of instructor. The genetics of E. coli, B. subtilis, and their viruses. Techniques include transformation, mutation, bacterial recombination, transduction, transposition, molecular mapping, restriction mapping, Southern blotting, and other recombinant DNA techniques. (Lab fee required.)

Physiology (PHSL)
N213 Human Biology Laboratory (1 cr.) Concurrent: P130. Laboratory with emphasis on human anatomy and physiology. (Lab fee required.)

P130 Human Biology (4 cr.) Basic concepts in human biology. Covers reproduction and development, physiological regulations, stress biology, and behavioral biology, with emphasis on socially related problems.
P215 Basic Mammalian Physiology (5 cr.) R: ANAT A215, CHEM C101-C102. Functional aspects of cells, tissues, organs, and systems in the mammalian organism. Designed for preprofessional students in allied health, nursing, speech and hearing, and HPER. (Lab fee required.)

P416 Comparative Animal Physiology (3 cr.) P: L101, L102, L211. Concurrent: PHSL P418. Lecture course. Physiological principles of the respiratory, circulatory, excretory, and related systems in a variety of invertebrate and vertebrate animals.

P418 Laboratory in Comparative Animal Physiology (2 cr.) Concurrent: PHSL P416. Laboratory experiments using a variety of animals to illustrate physiological principles. This course will not count toward a biology major. (Lab fee required.)

Plant Science (PLSC)
B101 Plant Biology (5 cr.) Fundamental principles of biology as illustrated by plants: characteristics of living matter, nutrition, growth, responses to environment, reproduction, basic principles of heredity. This course will not count toward a biology major. (Lab fee required.)

B203 Survey of Plant Kingdom (5 cr.) P: An introductory biology course. Survey of the various groups of plants, including their structure, behavior, life histories, classification, and economic importance. (Lab fee required.) Spring Sem.

B214 Natural History (3 cr.) P: One introductory-level biology course. Introduction to natural history, with emphasis on biological aspects of living things; interrelationships between plants and animals. Field studies; identification and classification of plants and animals; life histories; characteristics of the living world in water, field, and woodland.

B364 Summer Flowering Plants (5 cr.) For those desiring a broad, practical knowledge of common wild and cultivated plants. (Lab fee required.) Summer.

B368 Ethnobotany (Plants and Civilization) (3 cr.) Plants in relation to man with primary emphasis on food plants.

B373 Plant Growth and Development (5 cr.) P: L101, L102, L211, genetics. Examination of growth and development of seed plants from embryo to ovule, with emphasis on experimental studies of abnormal growth. (Lab fee required.)

Public and Environmental Affairs (SPEA)
E162 Environment and People (3 cr.) P: Sophomore, junior, or senior standing. An interdisciplinary examination of the problems of population, pollution, and natural resources and their implications for society. Not open to students who have had BIOLL350 or BIOLL473. Does not fulfill divisional distribution. Fall Sem., Spring Sem., Summer.

E400 Natural History of Coral Reefs (BIOL L341, GEOL G341) (3 cr.) P: A 100-level biology course. Introduction to principles of biology, ecology, and geology as applied to coral reef ecosystems.

Zoology (ZOOL)
Z103 Animal Biology (5 cr.) Emphasis on interdependence of all living things. Type forms are used to demonstrate general biological principles. Functional aspects of biology, inheritance, development, and evolution and their application to human biology. This course will not count toward a biology major. (Lab fee required.)


Z318 Developmental Biology Laboratory (2 cr.) Concurrent: BIOL L317 or Z317. A laboratory about developing organisms, with special emphasis on embryology and organogenesis. (Lab fee required.)

Z373 Entomology (3 cr.) P: An introductory biology course. Concurrent: ZOOL Z383. Insects, with emphasis on evolution, distribution, behavior, and structure.

Z374 Invertebrate Zoology (5 cr.) P: An introductory biology course. Morphology, embryology, life history, physiology, and general biology of invertebrates. (Lab fee required.)
Z383 Laboratory in Entomology (2 cr.) P or concurrent: ZOOL Z373. Laboratory and field studies of methods of collecting, preserving, and studying insects, with intensive study of classification. Preparation of insect collection required. (Lab fee required.)

Z406 Vertebrate Zoology (5 cr.) P: BIOL L317 or Z317 and Z318. Morphology, evolution, adaptations, and general biology of vertebrates. (Lab fee required.)

Z460 Ethology (Animal Behavior) (3 cr.) P: Introductory biology. Introduction to the zoological study of animal behavior. Emphasizes both internal and external factors involved in the causation of species-typical behavior of animals (protozoa-primates) in their natural environment.

Z466 Endocrinology (3 cr.) P: L211, L312. Mechanisms of hormone action from the molecular to the organismal level in vertebrates.

Z468 Limnology (4 cr.) R: An introductory biology course, general chemistry. Freshwater environments: their physical and chemical processes and the forms of life that inhabit them.

Z476 Biology of Fishes (3 cr.) P: 8 credits in zoology or consent of instructor. Laboratory and field studies of fishes. (Lab fee required.)

Geosciences

Astronomy (AST)

A100 The Solar System (3 cr.) Celestial sphere and constellations, measurement of time, astronomical instruments, Earth as a planet, moons, eclipses, planets and their satellites, comets, meteors, theories of origin of solar system. Spring Sem. and odd-year Summers.

A105 Stellar Astronomy (3 cr.) The sun as a star, physical properties of stars, principles of spectroscopy as applied to astronomy, double stars, variable stars, star clusters, gaseous nebulae, stellar motions and distribution, Milky Way system, expanding universe, cosmic time scale. Fall Sem. and even-year Summers.

A150 Introductory Astronomy Lab (1 cr.) P: A100 or A105 or concurrent registration in either course. Note: This course may not be used to fulfill the B.A. degree distribution requirement of a laboratory science. The observation of selected celestial objects using astronomical binoculars and telescopes. Astronomical data will be gathered and plotted by the student using auxiliary equipment installed on the telescopes. May be repeated not to exceed a total of 3 credit hours with consent of instructor.

A151 Introductory Astronomy Research Lab (2 cr.) P: A100 or A105 or concurrent registration in either course. Note: This course may be used to fulfill the B.A. distribution requirement of a laboratory science. Research projects include gathering and measuring data obtained from planets, variable stars, and deep-sky objects. Measurements made using optical telescopes, cameras, photoelectric photometer, charge-coupled device, and radio telescope. Also, simple problem-solving exercises in stellar and planetary astronomy. Fall Sem.

Geography (GEOG)

The student should check with the instructor to determine which courses may not be used to fulfill physical and life science distribution requirements for the B.A. degree.

G107 Physical Systems of the Environment (3 cr.) An examination of the physical environment as the home of human beings, with emphasis on the distribution and interaction of environmental variables and energy flow through the system. Fall Sem., Spring Sem., Summer.

G107 Physical Systems of the Environment (5 cr.) Above course with addition of a 2 credit hour laboratory. Study of the physical environment. (Lab fee required.) Fall Sem., Spring Sem.

G108 Physical Systems of the Environment—Lab (2 cr.) P or concurrent: G107 and consent of instructor. Laboratory study of the physical environment. (Lab fee required.) Fall Sem., Spring Sem.

G110 Introduction to Human Geography (3 cr.) An exploration of social and cultural phenomena as these are expressed and distributed across the earth’s surface. Topics include population, migration, language, religion, customs, political divisions, agriculture, industry, and urbanization.

G201 World Regional Geography (3 cr.) Geographical analysis of regions occupied by European cultures and of indigenous spatial developments in non-Western areas.
G208 Human Impact on Environment (3 cr.) Aspects of the role of human beings in changing the earth’s environment. Examples of how expanding use of the physical environment has altered the equilibrium of natural systems or accelerated the rate of natural changes in the environment. Environmental changes as they are manifested in various regions.

G213 Introduction to Economic Geography (3 cr.) Principles of economic geography, including theories concerning industrial location, competition for land, economic nature of resources, and geographic background of interregional trade.


G307 Biogeography (3 cr.) P: G107 or consent of the instructor. An analysis of the spatial distribution of natural biota with regard to physical and ecological processes.

G308 Natural/Human-Induced Disasters (3 cr.) P: A minimum of 6 credit hours in either one or a combination of physical and biological sciences. Study and analysis of the causes, nature, and geographical occurrence of natural and human-induced disasters. Examines the workings and consequences of disasters and hazards facing humankind.

G315 Environmental Conservation (3 cr.) P: G107 or consent of instructor. The study of the conservation of natural resources, including soil, water, air, wildlife, and forests, as interrelated components of the natural and human environments, emphasizing a unified ecological approach. Current problems relating to pollution and environmental quality.

G323 Geography of Latin America (3 cr.) Geographical analysis of the terrain, resources, climate, culture, and the historical and economic development of the nations south of the Rio Grande.

G326 Geography of North America (3 cr.) Continental and regional variations in terrain and climate and the economic and social life of the United States and Canada, with emphasis on geographical principles, sources of data, and techniques of investigation.

G333 Introductory Cartography (3 cr.) P: Consent of instructor. Use, interpretation, and sources of topographic maps, thematic maps, vertical aerial photographs, and related materials. Includes projections and grids, relief symbolization, map classification, mapping agencies, and the history of maps and mapping.

G335 Photogrammetry and Remote Sensing (3 cr.) P: G333 or consent of instructor. Interpretation and measurement on aerial photographs and compilation of controlled maps. Geographical applications of color, infrared, radar, multiband, and other imagery from aerial and space-orbiting craft. Lectures and laboratory. (Lab fee required.)

G336 Environmental Remote Sensing (3 cr.) P: G335 or equivalent. Fundamental principles involved in remote sensing, including radiation character, instrumentation, and applications to research of spatial, environmental phenomena.

G418 Historical Geography (3 cr.) Migration and diffusion, rural and urban settlement, industrialization, and transport development as spatial processes shaping the landscapes and geopolitical relationships of past places and peoples.

G432 Current Issues in Environmental Conservation (3 cr.) P: G315. Qualitative and quantitative analysis of topics of special importance in regard to environmental quality, including such topics as air and water quality, radiation, energy, and waste disposal.

G435 Cartography and Graphics (3 cr.) P: G235 or consent of instructor. Compilation, design, reproduction, and evaluation of maps and related graphic materials, cartometric procedures, symbolization, selection of topographic maps, photographic manipulation, and editorial process employing traditional and computer-generated techniques. Lecture and laboratory. (Lab fee required.)

G438 Geographic Information Systems (3 cr.) Basic concepts and principles underlying polygon and grid-based geographic information systems are explored. Computerized data capture, storage, retrieval, analysis, and display techniques, as applied to geographic information, are explored through the development of individual student projects.
G450 Undergraduate Readings and Research in Geography (1-3 cr.) P: Junior or senior standing and consent of instructor. Individualized readings and research in geography. May be repeated for a total of 6 credits. Fall Sem., Spring Sem.

G490 Senior Seminar in Geography (3 cr.) P: Junior or senior standing. Open to majors only. Research in selected problems and study of geographic thought.

Geology (GEOL)

G100 Earth Science: Geologic Aspects (5 cr.) Broad study of the earth. The earth in the solar system, earth’s atmosphere. Formation and modification of earth materials, landforms, continents, and oceans throughout geologic time. Geological records in selected areas. Lectures, laboratory, field trips. Credit given for only one of the following geology courses: G100, G103, or G110. (Lab fee required.)

G103 Earth Science: Materials and Processes (3 cr.) Introduction to the origin and classification of minerals and rocks. Relationships between rock types, rock structures, surficial geological processes of running water, subsurface water, glaciation, wind, tides, and landform evolution. Credit given for only one of the following geology courses: G100, G103, or G110. (Lab fee required.)

G104 Earth Science: Evolution of the Earth (3 cr.) Principles of interpretation of earth history. Geologic age dating, correlation, facies analysis, fossils, fold mountain belts, isostasy, and plate tectonics as applied to reconstructing selected geological events. Credit given for only one of the following geology courses: G100, G104, or G109. (Lab fee required.)

G180 Dinosaurs (3 cr.) A survey of the characteristics and evolution of dinosaurs. Topics include: the occurrence of dinosaur remains in the fossil record, basic anatomy, principles used in classification, types of predatory and plant-eating dinosaurs, environments occupied during life, behavior, extinction theories, dinosaurs in the media and the public eye. (Credit not given for both GEOL G180 and GEOL G301.)

G206 Advanced Physical Geology Laboratory (2 cr.) P or concurrent: G110. The laboratory study of minerals, rocks, topographic maps, and aerial photographs, landforms and landscapes, structural geology, and geologic maps.

G210 Oceanography (3 cr.) Study of the physical and biological features of the ocean environment.

G221 Introductory Mineralogy (3 cr.) P or concurrent: G100, G103, one college-level course in chemistry. The study of minerals, including chemical composition, classification, crystallography, description, identification, occurrence, origin, and physical properties.

G222 Introduction to Petrology (3 cr.) P: G221. The study of igneous, metamorphic, and sedimentary rocks: composition, occurrence, characteristics, classification, origin, description, and identification.

G300 Environmental and Urban Geology (3 cr.) P or concurrent: One 100-level course in geology or physical geography or consent of instructor. Significance of regional and local geologic features and processes in land use. Use of geologic factors to reduce conflict in utilization of mineral and water resources and damage from geologic hazards. Credit not given for both GEOL G300 and GEOG G315.

G334 Principles of Sedimentology and Stratigraphy (3 cr.) P: G222. Interrelationship of sedimentation and stratigraphy; processes and factors influencing genesis of sedimentary strata; provenance, depositional environment, sedimentary facies, paleoecology; analytical techniques; application of principles of interpretation of stratigraphic record. Laboratory study of sediments and sedimentary rocks.

G341 Natural History of Coral Reefs (BIOL L341, SPEA E400) (3cr.) P: A 100-level biology course. Introduction to principles of biology, ecology, and geology as applied to coral reef ecosystems.

G400 Energy: Sources and Needs (3 cr.) P: Junior standing. Scientific and political constraints on the production and utilization of energy from various sources. Energy balance of the United States.

G404 Geobiology (3 cr.) P: G103 and BIOL L100. Application of biological principles and use of fossils in the study of earth history. Origin of life and the early fossil record; evolution; approaches to taxonomy; chemistry of fossils, ecology of ancient life; use of fossils in the solution of geologic problems.

G409 Independent Study in Geology (1-3 cr.) P: Consent of instructor. Supervised independent study of topics and techniques in geology that are not available in formal courses in the department.
G410 Undergraduate Research in Geology (1-6 cr.) P: G222, junior standing, and consent of instructor. Field and laboratory research in selected problems in geology. May be repeated.

G411 Invertebrate Paleontology (3 cr.) P: GEOL G104 or G109, or BIOL L100 or L107. Structure, classification, habitats, and geological history and significance of the invertebrate phyla. Laboratory study of fossils.

G415 Geomorphology (3 cr.) P: G100, G103, G107, or consent of instructor. Origin, classification, description, and interpretation of landforms. Natural processes that form landscapes, surficial geologic materials, and soils. Credit not given for both GEOL G415 and GEOG G407.


G420 Regional Geology Field Trip (1-3 cr.) P: Consent of instructor. Seminar and field investigation of selected regions for study of mineralogic, lithologic, stratigraphic, structural, paleontologic, geomorphologic, or other geological relationships.

G427 Introduction to X-ray Mineralogy (1 cr.) P: G221. Theory and practice of X-ray powder diffraction. Diffractometer methods and their application to the identification and the characterization of minerals.

Physical Sciences

Chemistry (CHEM)

C101 Elementary Chemistry I (3 cr.) P: One year of high school algebra or equivalent. Introduction to chemistry. Usually taken concurrently with C121. Lectures and discussion. The two sequences, C101-C121 and C102-C122, usually satisfy programs that require only two semesters of chemistry. Admission to advanced courses on the basis of C101-C121 and C102-C122 is granted only in exceptional cases. May be taken by students who have deficiencies in chemistry background without credit toward graduation in preparation for C105. Credit given for only one of the following chemistry courses: C101, C104, C105. Fall Sem., Spring Sem., Summer.

C102 Elementary Chemistry II (3 cr.) P: C101. Continuation of C101. Usually taken concurrently with C122. The chemistry of organic compounds and their reactions, followed by an extensive introduction to biochemistry. Lectures and discussion. Credit not given for both C102 and C341. Fall Sem., Spring Sem., Summer.

C104 Physical Sciences and Society (3 or 5 cr.) R: One year of high school algebra or equivalent. An integrated survey of modern applications and relationships of physical sciences to society developed from the basic concepts of motion, structure of matter, energy, reactions and the environment, and leading to considerations of specific problem areas such as pollution, drugs, energy alternatives, consumer products, and transportation. May be taken by students deficient in chemistry background without credit toward graduation in preparation for C105. Credit not given for both C104 and C101 or C105. The 5 credit hour version of this course includes laboratory work. Fall Sem., Spring Sem., Summer.

C105 Principles of Chemistry I (3 cr.) P: Two years of high school algebra or equivalent, or consent of instructor. Should be taken concurrently with C125. Basic principles, including stoichiometry, equilibrium, atomic and molecular structures. Lectures and discussion. Credit given for only one of these chemistry courses: C101, C104, C105. Fall Sem., Summer.

C106 Principles of Chemistry II (3 cr.) P: C105, C125. Should be taken concurrently with C126. Chemical equilibria, structures, and properties of inorganic compounds. Lectures and discussion. Fall Sem., Spring Sem.

S106 Principles of Chemistry II—Honors (3 cr.) P: C105 and C125 and placement test or consent of Chemistry Department. Should be taken concurrently with C126. For students with strong aptitude and preparation. Credit given for only one of the following: C102, C106, S106. Spring Sem.

C121 Elementary Chemistry Laboratory I (2 cr.) P or concurrent: C101. An introduction to the techniques and reasoning of experimental chemistry. Credit not given for both C121 and C125. (Lab fee required.) Fall Sem., Spring Sem., Summer.

C122 Elementary Chemistry Laboratory II (2 cr.) P: C101, C121; P or concurrent: C102. Continuation of C121. Emphasis on organic and biochemical experimental techniques. Credit not given for both C122 and C343. (Lab fee required.) Fall Sem., Spring Sem., Summer.
C125 Experimental Chemistry I (2 cr.) P or concurrent: C105. An introduction to laboratory experimentation, with particular emphasis on the molecular interpretation of the results. Credit not given for both C125 and C121. (Lab fee required.) Fall Sem.

C126 Experimental Chemistry II (2 cr.) P: C125. P or concurrent: C106. A continuation of C125, with emphasis on synthesis and analysis of compounds. (Lab fee required.) Spring Sem.

C301-C302 Chemistry Seminar (1-1 cr.) P: 25 credit hours of chemistry with a grade point average of at least 2.5. Independent study and reading, with emphasis on basic chemistry and interdisciplinary applications. Research reports and discussions by students and faculty. Spring Sem.

C303 Environmental Chemistry (3 cr.) P: C106, C341. Selected topics in environmental chemistry such as atmospheric pollution, ozone hole, photochemical smog, acid rain, greenhouse effect, ground water pollution, water treatment, fate of toxic organic substances and metals in the environment, and treatment of hazardous wastes.

C305 Environmental Chemistry Seminar I (1 cr.) P: 25 credit hours of chemistry including C303 and C333 (could be concurrent) with a grade point average of at least 2.5. Independent study and reading, with emphasis on basic chemistry and environmental chemistry applications. Research report and discussion by students and faculty. The chosen topic must relate to the environment.

C315 Chemical Measurements Laboratory I (3 cr.) P or concurrent: C318. Experimental techniques in chemical analysis and instrumentation. (Lab fee required.) Spring Sem.

C317 Equilibria and Electrochemistry (3 cr.) P: C106. R: MATH M215. Treatment of analytical data; chemical equilibrium; aqueous and non-aqueous acid-base titrimetry; complex formation titrations; gravimetric analysis, redox titrations, electrochemical theory; potentiometry; voltammetry; coulometry.

C318 Spectrochemistry and Separations (3 cr.) P: C317. Ultraviolet, visible, infrared, and luminescence spectrophotometry; flame and electrical discharge techniques. Phase equilibria and extractions; countercurrent distribution; gas, thin-layer, liquid, and high-performance liquid chromatography.

C333 Experimental Environmental Chemistry (2 cr.) P: C303. A laboratory course of selected experiments that are relevant in the analysis and characterization of pollutants in air, soil, and water samples. Techniques that emphasize sampling and analytical procedure. Basic analytical principles and instrumentation. Field trips to water or wastewater treatment facilities.

C341 Organic Chemistry I Lectures (3 cr.) P: C106 or exemption by examination. Chemistry of carbon compounds. Nomenclature; qualitative theory of valence; structure and reactions. Syntheses and reactions of major classes of monofunctional compounds. Credit given for only one of the courses C102, C341. Fall Sem.


C343 Organic Chemistry I Laboratory (2 cr.) P or concurrent: C341. Laboratory instruction in the fundamental techniques of organic chemistry and the use of general synthetic methods. Credit not given for both C122 and C343. (Lab fee required.) Fall Sem.

C344 Organic Chemistry II Laboratory (2 cr.) P: C343. P or concurrent: C342. Preparation, isolation, and identification of organic compounds; emphasis on qualitative organic analysis. (Lab fee required.) Spring Sem.

C361 Physical Chemistry of Bulk Matter (3 cr.) P: CHEM C106, MATH M216, PHYS P202 (or P or concurrent: PHYS P222). Thermodynamics laws, free energy and chemical potentials, gases and dilute solutions, phase transitions, colligative properties, chemical equilibria, ionic solutions, chemical kinetics and transport processes, current topics. Fall Sem.

C362 Physical Chemistry of Molecules (3 cr.) P: CHEM C106, MATH M216, PHYS P202 (or P or concurrent: PHYS P222). Quantum states and spectroscopy of molecules, statistical thermodynamics, and elementary kinetic theory, current topics. Alternate Spring Sem.

C364 Introduction to Basic Measurements (3 cr.) P: C361. R: C315. Graduated laboratory practice relating elementary principles of measurement technologies to current research applications. (Lab fee required.) Fall Sem.

C403 History of Chemistry I (1 cr.) P: Senior standing, consent of instructor. Development of significant chemical knowledge and concepts up to 1830. Lectures, student reports, discussion.
C404 History of Chemistry II (1 cr.) P: Senior standing, consent of instructor. Development of significant chemical knowledge and concepts since 1830.

C409 Chemical Research (1-5 cr.; 10 cr. max.) To be elected only after consultation with the course director and the undergraduate advisor. Cannot be substituted for any course required in chemistry major. A research thesis is required. Fall Sem., Spring Sem., Summer.

C430 Inorganic Chemistry (3 cr.) P: C106 or C361 (or consent of instructor). R: C341. Structure and bonding of inorganic compounds, survey of chemistry of non-metal and metal elements, coordination compounds, organometallic compounds, mechanisms and reactions. Alternate Spring Sems.

C443 Organic Spectroscopy (3 cr.) P: C342. Elucidation of molecular structures by use of IR, UV, NMR, mass spectroscopy, and other methods. Alternate Summers.

C444 Organic Spectroscopy Laboratory (2 cr.) P or concurrent: C443 or consent of instructor. Hands-on instrumentation experimental work concerning detailed structure elucidation of organic compounds using Ultraviolet-Visible (UV-Vis), Infrared (IR), Nuclear Magnetic Resonance (NMR), and Gas Chromatography-Mass Spectrometry (GC-MS). (Lab fee required.) Alternate Summers.

C445 Advanced Organic Chemistry Laboratory (3-5 cr.) P or concurrent: C443 or consent of instructor. Experimental problems in organic synthesis and analysis. (Lab fee required.)

C470 Polymer Chemistry (3 cr.) P: 18 credit hours in chemistry, including C342. Introduction to syntheses, structures, properties, and uses of polymeric substances.

C483 Biological Chemistry (3 cr.) P or concurrent: C342. Introduction to structure, chemical properties, and interrelationships of biological substances. Fall Sem.

C490 Individual Study (cr. arr.; 6 cr. max.) P: Written permission of faculty member supervising the study. Must complete written report of each semester’s work. Fall Sem., Spring Sem., Summer.

Computer Science (CSCI)

A201 Introduction to Programming (3 cr.) P: Two years of high school mathematics or M014. Fundamental programming constructs, including loops, arrays, classes, and files. General problem-solving techniques. Emphasis on modular programming, user-interface design, and developing good programming style. Not intended for computer science majors or minors.

A247 Network Technologies and Administration (3 cr.) P: Either C106, EDUC W200, or equivalent computer literacy. Introduction to network principles and current network technology, both hardware and software. Network administration tools and techniques. Laboratory provides practical experience.

A346 User-Interface Programming (3 cr.) P: C202 or equivalent experience. Learn to prototype and build graphical user interfaces for computer applications. Contemporary software design methodology. Students design and implement prototype interfaces to applications provided by the instructor. Extensive use is made of both commercial and experimental software tools.

A348 Mastering the World Wide Web (3 cr.) P: Two semesters of programming experience, or equivalent, and some knowledge of operating systems. Project-oriented course leading to ability to maintain a fully functional Web site. Topics include internet network protocols and Web programming, server administration, protocols, site design, and searching and indexing technologies.

C100 Computing Tools (1 cr.) An introduction to computing applications useful in college and career work. Topics include microcomputer operating systems, word processing, spreadsheet, database, and communications software, and other software applications. May be taken up to three times to satisfy the basic computer literacy requirement.

C106 Introduction to Computers and Their Use (3 cr.) An introduction to computers and their use in information systems: use of standard application programs; foundations of information systems design and development; survey of programming languages. Satisfies the basic computer literacy requirement.

C202 **Computer Programming (4 cr.)** P: C201. Computer programming, algorithms, program structure, arrays, stacks, queues, binary trees; procedures, functions, parameter-passing mechanisms, recursion vs. iteration, and issues of programming style. Computer solutions of problems such as data analysis, sorting, searching, and string and text manipulation.

C203 **COBOL and File Processing (3 cr.)** P: C201. Computer programming and algorithms. Applications to large file processing functions of an organization.

C237 **Operating Systems Concepts (4 cr.)** P: C202, C335. An investigation of the problems involved in the implementation of an operating system and some of the solutions. Topics such as multiprocessing, paging, interlocks, time-sharing, and scheduling. A specific operating system will be examined.

C251 **Foundations of Digital Computing (3 cr.)** P: C201. R: MATH M119 or MATH M215. Boolean algebra and propositional logic. Set algebra, including mappings and relations. Elements of graph theory and statistical analysis. Application of all topics to computer programming.

C311 **Programming Languages (4 cr.)** P: C202, C335. Systematic approach to programming languages. Relationships among languages, properties and features of languages, and the computer environment necessary to use languages. Lecture and laboratory.

C320 **Advanced COBOL (3 cr.)** P: C203. A continuation and extension of COBOL as taught in C203. Extensive use will be made of structured COBOL in the development of large programs requiring access to various file structures. Includes interactive menu and screen-driven programming.

C335 **Computer Structures (4 cr.)** P: C201. R: C202. Structure and internal operation of computers, stressing the architecture and assembly language programming of a specific computer. Additional topics include digital hardware and microprogramming. Lecture and laboratory.

C343 **Data Structures (4 cr.)** P: C202, C251. Systematic study of data structures encountered in computing problems, structure and use of storage media, methods of representing structure data, techniques for operation on data structures. Lecture and laboratory.

C390 **Individual Programming Laboratory (1-3 cr.)** P: C201. Student will design, program, verify, and document a special project assignment selected in consultation with the instructor. This course may be taken several times for up to a maximum of 6 credits. Prior to enrolling, a student must arrange for an instructor to supervise the course activity.

C405 **A Survey of Computer Science (3 cr.)** P: C343. A survey of senior-level topics in programming languages and operating systems for students minoring in computer science.

C421 **Computer Organization (4 cr.)** P: C251, C335. Organization, circuits, and logic design of digital computing systems. Course deals with the internal structure of computers. Some simple computers are designed. Experiments in basic computer circuitry are performed in the laboratory. A knowledge of electronics, while useful, is not a requirement. Lecture and laboratory.

C422 **Advanced Computer Organization (3 cr.)** P: C421 or equivalent. Basic computer hardware design problems. Alternative solutions illustrated by different computers.

C431-C432 **Assemblers and Compilers I-II (3-3 cr.)** P: C311, C335, and C343. Design and construction of assemblers, macroprocessors, linkers, loaders, and interpreters. Compiler design and construction, including lexical analysis, parsing, code generation, and optimization.

C435-C436 **Operating Systems I-II (3-3 cr.)** P: C311, C335, C343. Organization and construction of computer systems that manage computational resources. Topics include specification and implementation of concurrency, process scheduling, storage management, device handlers, mechanisms for event coordination such as interruption, exclusion, and synchronization. Extensive laboratory exercises.

B438 **Fundamentals of Computer Networks (3 cr.)** P: C237. Theory and practice of data communication between computing devices. Topics include network architecture and topology, wide-area networks, local-area networks, and ISO network layers.

C445-C446 **Information Systems I-II (4-4 cr.)** P: C343. Analysis, design, and implementation of information systems from user needs to a running system. Hardware organization and its impact on storage structures. Structures and techniques for accessing and updating information: primary and secondary indices, sequential
and multilinked files. Modeling of information using hierarchical, network, and relational techniques and operations with these models. Current database systems and query languages.

**C451 Automata and Formal Grammars (3 cr.)** P: C251 or concurrent MATH M403. Finite automata and regular grammars; context-free grammars and nondeterministic pushdown automata; deterministic pushdown automata; unsolvable problems and algorithms for solvable problems related to these classes of machines and grammars.


**B461 Database Concepts (3 cr.)** P: C251, C335, and C343. Introduction to database concepts and systems. Topics include database models and systems: hierarchical, network, relational, and object-oriented; database design principles; structures for efficient data access; query languages and processing; database applications development; views; security; concurrency; recovery. Students participate in a project to design, implement, and query a database, using a standard database system.


**C490 Seminar in Computer Science (1-3 cr.)** Special topics in computer science. May be repeated for up to a maximum of 6 credits.

**Y398 Internships in Professional Practice (S/F Grading) (1-6 cr.)** P: Sophomore standing; approval of major department and the Office of Professional Practice Programs. Designed to provide opportunities for students to receive credit for selected career-related, full-time work. Evaluation by employer and faculty sponsor.

**Mathematics (MATH)**

**Developmental Mathematics**

**M006 Elementary Mathematical Skills (3 cr.)** Designed to review and/or teach basic mathematical operations of whole numbers, integers, fractions, decimals, percentages, ratio and proportion; geometry and measurement. Prepares students for M007 Elementary Algebra or M014 Basic Algebra. Credit does not apply toward a degree. Fall Sem., Spring Sem., Summer.

**M007 Elementary Algebra (3 cr.)** P: Proficiency in arithmetic and basic geometry, placement by exam, or M006. Designed to review and/or teach elementary operations of equations, inequalities, polynomials, factoring, and linear graphing. Prepares students for intermediate algebra or math for elementary teachers’ courses. Credit does not apply toward a degree. Fall Sem., Spring Sem., Summer.

**M007/M117 Combined Elementary/Intermediate Algebra (6 cr.)** P: M006 or placement into M007 by examination. Designed to cover the topics of both M007 and M117 in one semester: factoring; rational, polynomial, and exponential expressions; linear, quadratic, and radical equations; linear systems; functions and graphing. M007 credit does not apply toward a degree and M117 credit does not apply toward the arts and sciences distribution requirement.

**Mathematics**

Graphing calculators are required in many courses. Check the Schedule of Classes for information on the specific type of calculator for a given course. A mathematics resource lab with computer and tutoring resources is available in the Life Sciences Building. See [http://www.ius.edu/mathlab](http://www.ius.edu/mathlab) for current information.

**K300 Statistical Techniques (3 cr.)** P: Two years of high school mathematics including algebra, placement by exam, M014, or M117. R: M118. An introduction to statistics. Nature of statistical data. Ordering and
manipulation of data. Measures of central tendency and dispersion. Elementary probability. Concepts of statistical inference decision; estimation and hypothesis testing. Special topics may include regression and correlation, analysis of variance, and nonparametric methods. Credit not given for ECON E280-E281 and MATH K300. Fall Sem., Spring Sem., Summer.

**M110 Excursions into Mathematics (3 cr.)** P: One year each of high school algebra and geometry, or M007. A course designed to convey the flavor and spirit of mathematics, stressing reasoning and comprehension rather than technique. Not preparatory to other courses; mathematical topics may vary. This course does not count toward a major in mathematics.

**M117 Intermediate Algebra (3 cr.)** P: Placement by exam and one year of high school algebra or M007. Factoring, rational expressions, fractional exponents, radicals, quadratic equations, linear and quadratic functions, and linear systems. Does not satisfy arts and sciences distribution requirement. Credit by examination not given. Fall Sem., Spring Sem., Summer.

**A118 Finite Mathematics for the Social and Biological Sciences (3 cr.)** P: two years of high school algebra or M117. Quantitative reasoning, probability, elementary combinations, reading and interpreting graphs and tables, measuring central tendency and variation, scatter plots, correlation, regression. Intended to meet the finite math requirement for students who will be taking K300. Course uses applied examples from psychology, sociology, biology, and political science. Course taught using Excel for computation and graph production. Credit given for only one of A118 or M118.

**M118 Finite Mathematics (3 cr.)** P: Two years of high school mathematics including algebra, placement by exam, or M117. Set theory, linear systems, matrices and determinants, probability, statistics and finance. Applications to problems from the social sciences. Fall Sem., Spring Sem., Summer.

**M122 College Algebra (3 cr.)** P: Two years of high school algebra and placement by exam, or M117. Designed to prepare students for M119 (calculus). Includes graphing linear and nonlinear functions, exponential and logarithmic functions, linear and nonlinear equations and inequalities. A student taking both M122 and M125 will receive only 3 credit hours toward graduation. Fall Sem., Spring Sem., and Summer.

**M119 Brief Survey of Calculus I (3 cr.)** P: Placement by exam or M122. Introduction to calculus. Primarily for students in business and the social sciences. Not open to those who have had M215. For additional restrictions refer to M215-M216. Fall Sem., Spring Sem., Summer.

**M120 Brief Survey of Calculus II (3 cr.)** P: M119. A continuation of M119 covering topics in elementary differential equations, calculus of functions of several variables, and infinite series. Intended for nonphysical science students. Not open to those who have had M216. For additional restrictions, refer to M215-M216. Spring Sem.

**M125 Precalculus Mathematics (3 cr.)** P: Two years of high school algebra and placement by exam, M014, or M117. Designed to prepare students for M215 (calculus). Algebraic operations, polynomials, functions and their graphs, conic sections, linear systems of equations, exponential and logarithmic functions. A student taking both M122 and M125 will receive only 3 credit hours toward graduation. Fall Sem., Spring Sem., Summer.

**M126 Trigonometric Functions (2 cr.)** P: M125 or equivalent (may be taken concurrently). Designed to develop the properties of the trigonometric functions to prepare for courses in calculus (M215-M216). Does not satisfy arts and sciences distributional requirements. Fall Sem., Spring Sem., Summer.

**M215-M216 Analytic Geometry and Calculus I-II (5-5 cr.)** P: Three years of high school mathematics including two years of algebra or M125 and M126. Coordinates, functions, straight line, limits, continuity, derivative and definite integral, applications, circles, conics, techniques of integration, infinite series. A student who has had M119 will receive 3 credits toward graduation for M215 and 5 credits for M216. Fall Sem., Spring Sem.

**M295 Readings and Research (1-3 cr.)** Supervised problem solving. Admission only with permission of a member of the mathematics faculty who will act as supervisor. Does not count toward divisional distribution requirements.

M305 Applied Mathematics in Business (3 cr.) P: MATH M117, ENG W131, sophomore standing or above. This is a project-oriented course in which mathematical modeling tools and decision processes will be used by teams of students to analyze and solve business problems for local business clients. Topics covered may include forecasting, quality control, inventory theory, queuing theory, or optimization. Credit given for only one of BUS K305 or MATH M305.

M311 Calculus III (3 cr.) P: M216. Elementary geometry of 2, 3, and n-space, functions of several variables, partial differentiation, minimum and maximum problems, multiple integration. Fall Sem.

M312 Calculus IV (3 cr.) P: M311. Intended for students majoring in the physical sciences and applied mathematics. Vector integral calculus (line integrals, Green's theorem, surface integrals, Stokes' theorem and applications). Topics in series expansions, including Fourier series and some applications. Introduction to functions of a complex variable (Cauchy-Riemann equations, Cauchy integral theorem, Laurent expansions and applications).

M313 Elementary Differential Equations with Applications (3 cr.) P: M216. Ordinary differential equations of first order and linear equations of higher order with applications, series solutions, operational methods, Laplace transforms, and numerical techniques. Spring Sem.

M315 Advanced Calculus for Applications (3 cr.) P: M311. Properties of real numbers, sequences and series of functions, vector analysis, line and surface, integrals, integral theorems.

M347 Discrete Mathematical Models (3 cr.) P: M118 or equivalent. Introduction to the development and use of discrete mathematical models in the social, life, and management sciences; emphasis on models involving Markov chains, game theory, graph theory, and evolutionary systems. Credit not given toward major in mathematics.

M360 Elements of Probability (3 cr.) P: M216 or equivalent. Introduction to mathematical theory of probability. Probability models, combinatoric problems, conditional probability and independence, random variables, distributions, densities, expectation, moments, Chebyshev inequality, generating functions of random variables, binomial, hypergeometric Poisson, uniform, gamma, normal and related distributions, joint distributions, laws of large numbers, normal approximation applications. Fall Sem.

M363 Sample Survey Techniques (3 cr.) P: Two years of high school mathematics including algebra, K300 or equivalent, or consent of instructor. Techniques; simple random, stratified, systematic, cluster, proportions, ratios, percentages; sample size, and sources of error in surveys.


M380 History of Mathematics (3 cr.) P: M119 or M215. Brief study of development of algebra and trigonometry; practical, demonstrative, and analytic geometry; calculus, famous problems, calculating devices; famous people in these fields and chronological outlines in comparison with outlines in the sciences, history, philosophy, and astronomy.

M391 Foundations of the Number Systems (3 cr.) P: M216. Sets, functions and relations groups, real and complex numbers. Bridges the gap between elementary and advanced courses. Recommended for students with insufficient background for 400-level courses, for M.A.T. candidates, and for students in education. Not open to students who have received credit for M403, M413, or M421.

M403-M404 Introduction to Modern Algebra I-II (3-3 cr.) P: M303 or M391 or consent of instructor. Study of groups, rings, fields (usually including Galois theory), with applications to linear transformations. Fall Sem., Spring Sem.

M405 Number Theory (3 cr.) P: M216. Numbers and their representation, divisibility and factorization, primes and their distribution, number theoretic functions, congruences, primitive roots, diophantine equations,
quadratic residues, sums of squares, number theory and analysis, algebraic numbers, irrational and transcendental numbers.

**M406 Topics in Mathematics (3 cr.)** Selected topics in various areas of mathematics not covered by the standard courses. May be repeated for credit.

**M413-M414 Introduction to Analysis I-II (3-3 cr.)** P: M311 and M391. Modern theory of real number system, limits, functions, sequences and series, Riemann-Stieljes integral, and special topics.

**M415 Elementary Complex Variables with Applications (3 cr.)** P: M311 or consent of instructor. Algebra and geometry of complex numbers, elementary functions of a complex variable, power series, contour integration, calculus of residues, conformal mapping, applications to physics.

**M420 Metric Space Topology (3 cr.)** P: M303 or M391 or consent of instructor. Topology of Euclidean and metric spaces. Limits and continuity of functions in such spaces. Topological properties of metric spaces such as separation properties, connectedness, and compactness. Complete metric spaces. Elementary general topology.

**M421-M422 Introduction to Topology I-II (3-3 cr.)** P: M303 and M311. Introduction to point set topology with emphasis on metric spaces. Continuity, Cartesian products, connectedness, compactness, completeness. Elements of homotopy theory, fundamental group and covering spaces, elementary homology theory, applications to simplicial complexes and manifolds.

**M425 Graph (Network) Theory and Combinatorial Theory (3 cr.)** P: M303. Graph theory: basic concepts, connectivity, planarity, coloring theorems, matroid theory, network programming, and selected topics. Combinatorial theory: generating functions, incidence matrices, block designs, perfect difference sets, selection theorems, enumeration, and other selected topics.

**M435 Introduction to Differential Geometry (3 cr.)** P: M311 and M303. Introduction to the geometry of curves and surfaces. Topics include arc length, torsion, Frenet formulae, metrics, curvature, and surface theory.

**M436 Introduction to Geometries (3 cr.)** P: M391 or consent of instructor. Non-Euclidean geometry, axiom system. Plane projective geometry, Desarguesian planes, perspectives, coordinates in the real projective plane. The group of projective transformations and subgeometries corresponding to subgroups. Models for geometries. Circular transformations. Spring Sem.

**M441-M442 Applied Mathematics I-II (3-3 cr.)** P: M311 and M313 or consent of instructor. Advanced calculus preliminaries, first-order equations, derivation and classification of the classical equations of mathematical physics, wave and heat equation, separation of variables, Fourier series, special functions, Sturm-Liouville theory, Green’s function, Fourier and Laplace transform, Laplace equation, Volterra and Fredholm integral equations, calculus of variations.

**M447 Mathematical Models and Applications I (3 cr.)** P: M303, M311, and M360, which may be taken concurrently, or consent of instructor. Formation and study of mathematical models used in the biological, social, and management sciences. Mathematical topics include games, graphs, Markov and Poisson processes, mathematical programming, queues, and equations of growth. Suitable for secondary school teachers.

**M471 Numerical Analysis I (3 cr.)** P: M303 and M313, or consent of instructor. Solution of linear systems, eigenvalue problems, solutions of nonlinear equations by iterative methods, functional approximation and interpolation, numerical integration, initial-value and boundary-value problems.

**M490 Problem Seminar (3 cr.)** P: M303, M403, or M413 (M403 or M413 may be concurrent), and consent of instructor. Introduction to research techniques for advanced undergraduates, based on problems from parts of the regular curriculum, such as linear algebra, topology, probability, and analysis. Emphasis will be on problems of both current and historical interest but usually not in the standard literature.

**T101 Mathematics for Elementary Teachers I (3 cr.)** P: One year each of high school algebra and geometry, M007 or M014. Problem solving with and operations on whole numbers, integers, rational numbers, and decimals. Prime numbers and elementary number theory. Other bases and exponents. Equations and inequalities over the real number system. Open only to elementary education students. Does not count toward divisional distribution requirements. Fall Sem., Spring Sem., Summer.

coordinate geometry. Does not count toward divisional distribution requirements. Fall Sem., Spring Sem., Summer.

T103 Mathematics for Elementary Teachers III (3 cr.) P: T101. Basic introduction to geometric concepts, including definitions, properties, congruence and similarity of plane and 3-dimensional figures. Geometric constructions and translations of the plane. Problem solving with geometric measurements of perimeter, area, surface area, and volume. Does not count toward divisional distribution requirements. Fall Sem., Spring Sem., Summer.

T321 Intuitive Topology I (3 cr.) P: M216 or consent of instructor. Intuitive description of topology, including networks and maps, topological equivalence, classification of surfaces, spheres with topological equivalence, classification of surfaces, spheres with handles, Jordan curve theorem, transformations, and fixed-point theorems.

Physics (PHYS)
P100 Physics in the Modern World (5 cr.) Ideas, language methods, impact, and cultural aspects of physics today. Four lectures and one two-hour laboratory period each week. Includes classical physics up to physical bases of radar, atomic-energy applications, etc. Beginning high school algebra used. Cannot be substituted for physics courses explicitly designated in specified curricula. Credit is not given in P100 to students who have passed P201 or P221. (Lab fee required.) Summer.

P201 General Physics: Mechanics, Heat, and Sound (5 cr.)¹ P: Mathematics M125 and M126 or high school equivalent. Noncalculus presentation of Newtonian mechanics, wave motion, heat, thermodynamics, and properties of matter. Application of physical principles to related scientific disciplines, including engineering and life sciences. Four hours of lecture and two hours of laboratory work per week. (Lab fee required.) Fall Sem.

P202 General Physics: Electricity, Magnetism, Light, and Nuclear Physics (5 cr.)³ P: MATH M125 and M126 or high school equivalent. R: P201. Noncalculus presentation of electricity and magnetism; geometrical and physical optics; introduction to concepts of quantum theory, atomic, and nuclear physics; including applications to related scientific disciplines. Four hours of lecture and two hours of laboratory per week. (Lab fee required.) Spring Sem.

P221 Physics I (5 cr.)¹ P: M215 or concurrent registration in M215. Newtonian mechanics, oscillations and waves, heat and thermodynamics, and introduction to concepts of relativity. For physical science and engineering students. Four hours of lecture and two and one-half hours of laboratory per week. (Lab fee required.) Fall Sem.

P222 Physics II (5 cr.)² P: P221. Continuation of P221. Electricity and magnetism, geometrical and physical optics, and brief introduction to concepts of quantum, atomic, and nuclear physics. Four hours of lecture and two and one-half hours of laboratory per week. (Lab fee required.) Spring Sem.

P301 Physics III (3 cr.) P: P202 or P222; MATH M215 (or concurrent with consent of instructor). Introduction to modern physics for physics majors and students in other departments. Atomic and nuclear physics, kinetic theory, relativity, and elementary particles. Laboratory experiments in modern physics.

P309 Intermediate Physics Laboratory (2 cr.) P: P202 or P222, MATH M215 or equivalent. Fundamental experiments in mechanics, electricity and magnetism, thermodynamics, optics, and modern physics. Emphasis is placed upon developing basic laboratory skills and data analysis techniques, including computer reduction and analysis of the data. (Lab fee required.)

P310 Environmental Physics (3 cr.) P: P202 or P222, MATH M215, or consent of instructor. Relationships of physics to current environmental problems. Energy production, comparison of sources and byproducts; energy use, alternative sources, conservation methods; global warming, environmental effects.

P340 Thermodynamics and Statistical Mechanics (3 cr.) P: P202 or P222; MATH M313 concurrently. Intermediate course, covering three laws of thermodynamics, classical and quantum statistical mechanics, and some applications.

P360 Physical Optics (3 cr.) P301 and MATH M313 concurrently. Physical optics and electromagnetic waves based on electromagnetic theory: wave equations; phase and group velocity; dispersion; coherence, interference, diffraction, and polarization of light and electromagnetic radiation generally; wave guides; holography; masers and lasers; introduction to optical spectroscopy.

¹Credit may be obtained only for either P201 or P221 and for P202 or P222.
P431 Electronics Laboratory (3 cr.) P: P301 and P309. Construction and experimental analysis of electronic circuits.

P441 Analytical Mechanics (3 cr.) P: P301 and MATH M313. Elementary mechanics of particles and rigid bodies, treated by methods of calculus and differential equations.

S405 Readings in Physics (1-6 cr.) P: P453, which may be taken concurrently, or consent of instructor. Independent reading under the supervision of a faculty member. Study in depth of a topic of interest to the student, culminating in a research paper.

S406 Research (1-6 cr.) P: P453 for a theoretical project, which may be taken concurrently, or consent of instructor. P: P431 for an experimental project, which may be taken concurrently, or consent of instructor. Research participation under faculty supervision in project of current interest.

Professional Practices in Sciences

P393 Professional Practices: Biological and Physical Sciences (3-6 cr.) P: Junior or senior standing. (See “Career Services and Placement.”)
Indiana University School of Nursing

Life Sciences 276
Phone: (812) 941-2340
Fax: (812) 941-2687

Associate Professor  Yeager (Interim Dean)
Assistant Professors  D. Bowles, McKay, J. Reid
Clinical Assistant Professor of Nursing  Free, J. McMahan, Short
Lecturers  Hackett, Hollowell, Myers

Building on the Values of the University and Nursing, Indiana University School of Nursing is committed to improving the health of the citizens of Indiana, the nation, and beyond by meeting society’s need for effective nurses at different educational levels and by contributing to the body of knowledge that provides the basis for practice in a range of settings.

Mission Statement
The mission of Indiana University Southeast Division of Nursing is to create a community of learning that addresses society’s need for caring professionals and that nurtures students, faculty, and staff from diverse backgrounds.

Nursing students and their instructor practice in the lab.
**Indiana University School of Nursing—Undergraduate Programs**

The Indiana University School of Nursing opened its doors in Indianapolis in 1914. Since that time, it has evolved into one of the nation’s most eminent schools, recently receiving a ranking of twelfth out of more than 200 schools of nursing that offer graduate programs.

The School of Nursing offers undergraduate programs on the Gary (IU Northwest), Indianapolis, Kokomo, New Albany (IU Southeast), South Bend, and Richmond (IU East) campuses. The B.S.N. program is approved by the Indiana State Board of Nursing and accredited by the National League for Nursing Accrediting Commission, and the Commission on Collegiate Nursing Education. Admission to the A.S.N. and the B.S.N. programs is competitive. Not all students who meet minimal admission criteria may be accepted.

Students of the School of Nursing will be held to the American Nurses Association’s Standards of Professional Performance, Code for Nurses, and the Code of Student Rights, Responsibilities, and Conduct. These are described below.

**Standards of Professional Performance**

The American Nurses Association set the Standards of Professional Performance outlined below. These standards were revised in 1989. They describe roles expected of all professional nurses.

1. The nurse systematically evaluates the quality and effectiveness of nursing practice.
2. The nurse evaluates his or her own nursing practice in relation to professional practice standards and relevant statutes and regulations.
3. The nurse acquires and maintains current knowledge in nursing practice.
4. The nurse contributes to the professional development of peers, colleagues, and others.
5. The nurse’s decisions and actions on behalf of clients are determined in an ethical manner.
6. The nurse collaborates with the clients, significant others, and health care providers in providing client care.
7. The nurse uses research findings in practice.
8. The nurse considers factors related to safety, effectiveness, and cost in planning and delivering client care.

**The Code for Nurses**

Each person, upon entering the nursing profession, inherits a measure of the responsibility and trust associated with the profession, along with the corresponding obligation to adhere to the standards of ethical practice and conduct it has set. Nursing students are expected to show responsibility in their behavior, to deal with faculty, peers, patients, and clinical staff in a direct and honest manner, and to be professional in their conduct. Students who violate accepted standards for professional nursing may be discharged from the program. The Code for Nurses was adopted by the American Nurses’ Association in 1950 and revised in 1960, 1968, 1976, and 1985.

1. The nurse provides services with respect for human dignity and the uniqueness of the client, unrestricted by considerations of social or economic status, personal attributes, or the nature of health problems.
2. The nurse safeguards the individual’s right to privacy by judiciously protecting information of a confidential nature.
3. The nurse acts to safeguard the client and the public when health care and safety are affected by the incompetent, unethical, or illegal practice of any person.
4. The nurse assumes responsibility and accountability for individual nursing judgments and actions.
5. The nurse maintains competence in nursing.
6. The nurse exercises informed judgment and uses individual competence and qualifications as criteria in seeking consultation, accepting responsibilities, and delegating nursing activities to others.
7. The nurse participates in activities that contribute to the ongoing development of the profession’s body of knowledge.
8. The nurse participates in the profession’s efforts to implement and improve standards of nursing.
9. The nurse participates in the profession’s efforts to establish and maintain conditions of employment conducive to high-quality nursing care.
10. The nurse participates in the profession’s efforts to protect the public from misinformation and misrepresentation and to maintain the integrity of nursing.
11. The nurse collaborates with members of the health professions and other citizens in promoting community and national efforts to meet the health needs of the public.
Code of Student Rights, Responsibilities, and Conduct  Students are subject to the standards of conduct defined in the Code of Student Rights, Responsibilities, and Conduct. Due process, as described in the code and the campus Admission, Progression, and Graduation (APG) Committee policies will be followed for any student found to be in violation of these standards. All Indiana University students are responsible for acquainting themselves with and adhering to the policies outlined in this document.

Prenursing Academic Policies

Application Ineligibility  A student shall be ineligible for application to the B.S.N. nursing program if a grade of C (2.0) is not achieved in each course taken to satisfy degree requirements. A pattern of course withdrawals may reduce a student’s chances of admission to the undergraduate nursing program. Check with the IUS Academic Counselor for further clarification of policies related to withdrawals.

Individuals convicted of sexual crimes will be ineligible for admission to nursing. Please direct all questions related to this policy to the Dean, Division of Nursing.

Repeat of Prerequisite Courses  To be considered for admission, a student must earn a minimum grade of C (2.0) in all required prerequisite courses (C– is not acceptable). These courses may be repeated no more than once. Effective Fall 1994 and thereafter, all incoming freshman and transfer students may repeat no more than 11 credit hours of required courses.

Academic Probation  A student will be placed on academic probation when the cumulative grade point average falls below 2.0 or when the semester grade point average is below 2.0. Academic probation will be removed when the cumulative grade point average and the semester grade point average are 2.0 or higher. Students on academic probation may not enroll in more than 12 credit hours per semester unless special permission is obtained from the University Division. Students on academic probation may be required to complete remedial course work.

Dismissal  A prenursing student may be dismissed from the School of Nursing when there is lack of progress toward the degree. Failure to attain a minimum cumulative grade point average of 1.0 upon completion of 12 credit hours, 1.5 at the end of 24 credit hours, or 2.0 at the end of 36 or more credit hours constitutes lack of progress. Excessive withdrawals from required courses may also constitute lack of progress.

Faculty reserve the right to dismiss any student whose personal integrity, health, or conduct demonstrates unfitness to continue preparation for professional nursing.

Reinstatement  Immediately following dismissal, a student may seek reinstatement to the School of Nursing by writing the Admission, Progression, and Graduation (APG) Committee chair. Students who are reinstated must adhere to the policies and curriculum of the School of Nursing in effect at the time of reinstatement. Reinstatement decisions are campus specific and not transferable among IU campuses.

Ten-Year Limit  Courses in organic chemistry, anatomy, physiology, microbiology, and life span development must have been completed within ten years prior to the semester in which a basic student begins the nursing major. Two options are offered to a student who completed these courses more than ten years prior to enrollment: (1) repeat the course or (2) take a challenge examination if an examination is authorized by the academic unit sponsoring the course. This policy does not apply to those who hold a current R.N. license.

Prenursing students being academically advised by other academic units including University Division are responsible for knowing policies related to admission, progression and application to undergraduate nursing programs.

General Program Policies

The following School of Nursing policies apply to all campuses:

Student Responsibility  Students admitted to the School of Nursing are responsible for knowing and completing the degree requirements for their undergraduate degree program. Students are responsible for acquainting themselves with all policies pertaining to their admission, progression, and graduation. Prior to admission to the nursing program, students must comply with university academic standards and policies. Students interrupting their progression, part-time study students, transfer students, or full-time students taking longer than three years in B.S.N. to complete their nursing program once accepted, may be subject to policy or curriculum changes as they progress.

Professional Liability Insurance  All undergraduate nursing students have liability insurance under IU’s malpractice contract. This policy covers students only while caring for patients/clients in the student role. This insurance does not cover students who are working for pay or in any other capacity outside program-sanctioned learning experiences.
**Health Requirements**  All nursing students must provide evidence of compliance with health requirements including immunizations and CPR certification on the campus where they are enrolled. **Failure to meet campus-specific health requirements will prevent the student from participating in clinical learning experiences.** Lack of participation could constitute a clinical course failure. OSHA training related to blood-borne pathogens is required of all students annually. Students will be notified of training dates and times. The School of Nursing faculty and administrators strongly encourage students to carry personal health insurance. Health insurance may be mandatory for nursing students enrolled in nursing clinical courses. The school will not be liable for any health problems requiring medical treatment for students enrolled in programs.

**Students with Disabilities**  The university is committed to helping temporarily and permanently disabled students make the transition to student life. Students with physical, mental, or learning impairments are encouraged to consult with counselors from the School of Nursing and the IUS Students with Disabilities Office for assistance in meeting degree requirements. **Students with disabilities must meet all academic and technical skill requirements of their program.**

**Essential Abilities**  The School of Nursing faculty have specified essential abilities (technical standards) critical to the success of students enrolled in any of the school’s nursing programs. These essential abilities are essential judgment skills, essential neurological functions, essential communication skills, essential emotional coping skills, essential intellectual/conceptual skills and other essential behavioral attributes. Once admitted to an academic program, students are expected to meet School of Nursing standards for these essential abilities in order to participate in the nursing education program and progress through the program. Copies of the school’s “Essential Abilities Policy” are available upon request from the division office.

Modifications in the learning environment to assist students in meeting these essential abilities and all other abilities and all other progression requirements will be made in accordance with federal and university guidelines and in consideration of individual needs. It is the student’s responsibility to request adaptive assistance for documented disabilities.

**Writing Competencies**  The School of Nursing faculty have specified writing competencies critical to the success of students in any IU nursing program. They are as follows:

1. The writing has a focus, or a topic which the student will examine from a particular point of view in order to arrive at a conclusion (thesis).
2. The writing shows the student’s sense of the target audience and of the effect the writing is meant to have on that audience.
3. The writing reveals the student’s ability to introduce the topic and his or her approach clearly and to develop ideas with balanced and specific arguments. The conclusion is relevant and clearly stated.
4. The writing is logically organized, showing coherence within and between paragraphs. Transitions from one point to the next are clear and easy to follow.
5. The writing reflects critical thinking. The specific is linked to the general; the general is tested against the specific.
6. The writing has been revised to substitute direct, precise terms for vague ones and to cut out unneeded words and phrases.
7. The writing has appropriate sentence structure and variety. Grammar, spelling, and punctuation have been carefully checked and are accurate.
8. The writing follows APA style and format, unless another style and format are specified for a particular purpose.
9. The writing represents the student’s original work. Where ideas or materials of others are discussed or are used for support, the student has taken responsibility for understanding and following the academic rules on giving appropriate credit to original sources.

**Failure to appropriately represent work of others constitutes plagiarism, which may result in a course failure and dismissal from the program.**

**Intercampus Transfers**  Students in good academic standing may seek intercampus transfer by petitioning the Admission, Progression, and Graduation (APG) Committee on the campus to which they desire to transfer at least one semester in advance of the requested transfer. Intercampus transfer requests will be evaluated individually on the basis of the student’s academic record and the availability of course positions, faculty, and facilities to meet the student’s needs and program objectives. Please note that students completing prerequisite course work required for application to the baccalaureate nursing major are given priority
consideration on the campus where the majority of work was completed. Students should contact the academic counselor on their current campus to determine if an intercampus transfer will affect their status.

Transfers from Other Universities/Colleges
Students must be in good academic standing to be considered for transfer as a prenursing or nursing student. Prenursing students must be able to complete 51 percent or more of their prerequisite course work at Indiana University to be considered for priority admission to the baccalaureate nursing major. Students seeking transfer into the B.S.N. major must gain approval by the APG Committee. Approval is based on curriculum compatibility, space, resources, and progression and graduation requirements. Students should see an academic counselor at their current university or college prior to making transferral requests.

School of Nursing Academic Policies
The following policies apply to all students enrolled in the B.S.N. program. Students will be notified in writing of any policy additions, deletions, or modifications from those listed below.

Auditing of Courses Students may register for non-nursing classes on a credit or audit basis. Students auditing a course must officially register for the class and pay any applicable fees. Upon completion, the course is entered on the permanent university transcript as taken for no credit (NC). Required general-education courses taken for NC will not apply toward completion of nursing degree requirements.

Students may not audit any clinical nursing course. Permission to audit a didactic nursing course depends on availability of space, faculty consent, and demonstration of adequate program progression on the part of the student.

Correspondence Courses Other than public speaking, all required and elective courses for the nursing major that are offered by IU’s Independent Study Program may be taken for credit. Some correspondence courses, however, may not meet degree requirements. Students must contact a School of Nursing academic counselor before enrolling and obtain the counselor’s signature for all correspondence courses. Correspondence courses with nursing numbers do not satisfy residency requirements. Students are responsible for ensuring that all correspondence courses are completed by published deadlines.

Portfolio Review Process for Course Substitution
The portfolio review process is available to all undergraduate students who believe that they can meet the learning objectives/competencies required of a specific nursing course within their program of study. The portfolio provides objective evidence that students have acquired the knowledge and skills through prior learning and/or practice experiences. The portfolio review option does not take the place of course equivalency reviews or transfer credit. Students may pick up a copy of the Guidelines for Portfolio Review form from the IUS academic counselor in the Division of Nursing.

Incompletes (grades of I) When an Incomplete is given, appropriate forms must be completed and signed by the Dean, Division of Nursing. Students receiving an incomplete in a clinical nursing course may not proceed to the next sequence of didactic and clinical courses until the Incomplete has been replaced with a satisfactory passing grade. Failure to complete all prerequisite and corequisite work with a grade of C or higher will interrupt normal progression. The student is advised to review the IUS Policy on Incomplete grades elsewhere in this bulletin.

Withdrawals (grades of W) The Division of Nursing adheres to the University Policy on withdrawals. In addition, students withdrawing from required nursing course work will be considered out-of-sequence students.

Withdrawal from a didactic course requires an automatic withdrawal from the corresponding corequisite courses. If a student withdraws from a didactic course that requires an automatic withdrawal from a corequisite practicum, this withdrawal from the two courses will be counted as one withdrawal.

The Pass/Fail option is offered to any student in good standing wishing to enroll in a course that is not considered part of the nursing curriculum or applied to the nursing degree. Grades A through D– are considered passing (P) under this option. These grades are not used in calculating the student’s cumulative grade point average.

Determination of Grade Point Averages (GPA)
A cumulative grade point average is a reflection of all work completed at Indiana University. All courses taken to meet each specific course requirement for the degree will be included in the calculation of a student’s admission GPA. Courses transferred from another institution are not used in calculating this average. An interim grade point average reflects grades received between the time students are admitted to a nursing program and the time that they actually begin nursing course work. Students who do not maintain a 2.0 interim GPA for the B.S.N. program will not be eligible to begin their nursing course work.
Practicum/Clinical Absence Policy  It is expected that students will participate in all required practicum/clinical experiences. Failure to complete all regularly scheduled or substituted experiences places students at risk for not meeting course objectives. Students absent from more than 20 percent of scheduled practicum/clinical experiences will receive a failing grade or be allowed to withdraw according to IUSON Policy VI-A-12, or take an incomplete according to university policy dictated by the timing of and the circumstances surrounding the policy.

Academic Appeals  Problems related to a student’s academic and professional status that emerge during enrollment in the undergraduate nursing program are handled through a campus-specific appeals process. Students wishing to appeal any matter related to their academic status should consult the academic counselor on their campus for information regarding this appeal process. Students requesting an exception to policy must petition for a waiver. Students initiate the appeal process by filing a formal appeal with the chair of the Admission, Progression and Graduation Committee (APG).

Bachelor of Science in Nursing (B.S.N.) Program

Purpose
The baccalaureate program offers a creative curriculum for the education of professional nurses competent in meeting the current and future health needs of society. The curriculum prepares graduates to function as practitioners in acute and long-term care, community settings, home care and other nontraditional settings, and provides a foundation for leadership positions and graduate study.

The graduate possesses a broad knowledge of the humanities, biological and social sciences, and nursing. As a beginning practitioner the graduate applies well-developed problem solving skills in caring for individuals, families, and communities.

The curriculum includes two areas of study: (1) general education course work, and (2) the nursing major courses consisting of nursing course work in both classroom and clinical/practicum settings. The majority of the 29-31 credit hours of general education prerequisites should be completed on the IUS campus. Students completing course work at another college or university will have this course work evaluated at the time of admission to the university. Courses will be transferred from other accredited institutions of higher education if courses are judged to be equivalent.

Two categories of students are admitted to Indiana University: (1) basic baccalaureate students seeking initial preparation for nursing, and (2) registered nurses who have graduated from a diploma or associate degree program in nursing.

Student Outcomes
The following lists the baccalaureate program outcomes:

Critical Thinker: Someone who is able to demonstrate intellectual curiosity, rational inquiry, problem-solving skills, and creativity in framing problems.

Culturally Competent Person: Someone who can provide holistic nursing care to a variety of individuals, families, and communities.

Knowledgeable Coordinator: A coordinator of community resources who facilitates individual, family, and community access to resources necessary to meet health care needs.

Politically Aware Person: Someone who participates in the profession and the practice of nursing with a global perspective.

Conscientious Practitioner: An individual who practices within the ethical and legal framework of the nursing profession.

Effective Communicator: An effective communicator who is able to share accurate information.

Therapeutic Nursing Intervention/Competent Care Provider: A competent provider of health care who assumes the multiple role dimensions in structured and semi-structured health care settings.

Professional Role Model: A person who promotes a positive public image of nursing.

Responsible Manager: A responsible manager who balances human, fiscal, and material resources to achieve quality health care outcomes.

Application to the Baccalaureate Major for Basic Students
Students seeking admission to the nursing major must:

1. Be admitted to Indiana University as a degree-seeking student.
2. Achieve a cumulative grade point average of at least 2.5 on the 4.0 IU grading scale for all course work attempted in order to be considered for admission. (Note that admission to the major is selective and competitive and that the achievement of a 2.5 GPA does not guarantee admission. See acceptance policy below.)
3. Complete all required prerequisite course work attempted with a grade of C (2.0) or higher by the second attempt. (Note: Repeat no more than three cluster courses required for the B.S.N. degree. If failures occur in required science courses, a student may have no more than two failures in the general education requirements.)

4. Adhere to established deadlines for completing prerequisite courses, including those in which the student is currently enrolled; those with grades of I, R, or W; and all independent study or correspondence courses.

5. Comply with application deadline dates. The nursing academic counselor and the University Division prenursing counselor can supply you with these dates.

6. Students must request an official transcript from institutions from which credit is being transferred. These transcripts must be sent directly to the Office of Admissions at IUS prior to B.S.N. application.

7. Completion of Nurse Entrance Exam. See IUS academic counselor or Division of Nursing for details.

8. Other application procedures may be required. They will be identified in the Admission Application.

Admission to the Nursing Major

Admission to the university and successful completion of prerequisite course work do not guarantee admission to the upper-division nursing major. Admission to the baccalaureate nursing major is selective and is based on the student’s ability to compete academically with other applicants. The competitiveness of the applicant pool changes each semester/year according to the applicants’ qualifications. The number of students admitted to the major in any given semester/year is limited to those who can be accommodated, given available resources of each campus. Availability of space may vary from year to year depending on resources and need.

Applicants receive priority consideration for admission to the major on the campus where they completed the majority (more than half) of their prerequisite course work. If additional spaces are available, the next priority is given to students who completed the majority of their course work on one IU campus but wish to seek admission to another IU campus where they are regionally connected. Students transferring the majority of prerequisite course work from a non-IU school are accorded lowest priority for admission. Students should contact the campus to which they wish to apply for admission to the nursing major for specific details on the characteristics of recent applicant pools and for application forms.

Students must formally accept or decline admission. Students who decline admission and later reapply must compete with the applicant pool existing at the time of reapplication. Students who refuse an admission invitation two times are ineligible to be considered for future admission.

Moreover, applicants accepted for admission to the B.S.N. program must enroll in nursing course work at a time designated by the School of Nursing. Failure to enroll in nursing course work in the designated semester necessitates reapplication to the program. Students withdrawing from nursing course work within the first semester must reapply for competitive review. Students who withdraw have one opportunity to seek readmission. Reapplication must be within a time frame consistent with progression policy.

Policies in Effect for Baccalaureate Nursing Majors

Good Standing Students who maintain a minimum grade of C (2.0) in all courses required for the degree by the second attempt and a grade of S (Satisfactory) in clinical nursing courses will be in good academic standing. Students not in good standing may be dismissed from the program. Please see dismissal policy below.

Advanced Standing Students may attain advanced standing through transfer of credit from regionally accredited colleges and universities (for grades of C or higher), credit by examination, or a portfolio review process. Credit for such courses and applicability to the degree will be determined by the university and the School of Nursing.

Out of Sequence Students who have interrupted their progression for any reason are considered to be out of sequence. Out-of-sequence students will be placed in required course work on a space-available basis. Out-of-sequence students are placed after all regularly progressing students have been appropriately accommodated. Once progression is interrupted, program completion dates cannot be guaranteed although every reasonable effort will be made to facilitate progression. The Admission, Progression, and Graduation Committee on each campus has the responsibility for determining student placement in courses. Curriculum changes during the period of interrupted progress toward the degree may result in review and revision of a
student’s degree requirement based on evaluation of individual situations.

Priority Ranking for Placement After admission to the nursing major, placement in nursing courses for the academic year will be based on the following priority ranking:

1. Full-time, regularly progressing students.
2. Part-time, regularly progressing students.
3. Students who have interrupted their studies but are in good academic standing.
4. Students who have withdrawn from one or more nursing courses.
5. Students who have failed and successfully repeated a nursing or a required general education course.
6. Students who need to repeat one nursing course.
7. Students who have been dismissed and reinstated.
8. Intercampus transfers.
9. Transfers from other baccalaureate nursing programs according to Admission, Progression, and Graduation Committee guidelines.

If additional criteria are needed to determine placement, date of becoming out of sequence and cumulative GPA will be used. (See academic counselor.) Students who interrupt their studies for any reason are considered out-of-sequence and will be accommodated according to the above priority ranking on a space-available basis for the remainder of course work to be completed.

Repeat Nursing Courses A student who receives a grade of less than C (2.0) in a didactic course, or an F in a clinical/practicum course, may be permitted to repeat the course one time only. Failure to receive a minimum grade of C (2.0) in a didactic course or an S in a clinical/practicum course by the second attempt will result in dismissal. Students with two or more failures will be dismissed from the program. Validation examinations may not be used as substitutes for repeating any nursing course. Students who need to repeat a nursing course are placed in the course on a space-available basis.

Academic Probation A student will be placed on academic probation when any of the following conditions exist:

1. The cumulative grade point average falls below 2.0.
2. The semester grade point average is below 2.0.
3. A grade below C has been earned in a required course.

Academic probation will be removed the semester after the following conditions have been met:

1. The cumulative grade point average is 2.0 or higher.
2. The semester grade point average reaches 2.0 or higher.
3. A minimum grade of C has been earned in all required courses taken.
4. Remedial course work, if required, has been completed, and/or specified conditions have been met.

Dismissal A student will be dismissed from the School of Nursing baccalaureate program when there is lack of progress toward the degree. Evidence of lack of progress consists of one or more of the following:

1. Failure to attain a 2.0 semester grade point average in any two consecutive semesters.
2. Failure to attain a cumulative grade point average of 2.0 at the completion of any two semesters of course work.
3. Failure to attain a minimum grade of C (2.0) upon repeating a didactic nursing course or to attain a grade of S upon repeating a clinical/practicum nursing course (i.e., two unsatisfactory grades in the same course).
4. Failure to attain a minimum grade of C (2.0) (didactic course) or a grade of S (clinical/practicum course) in two nursing courses (i.e., unsatisfactory grades in two separate courses).
5. Failure to meet Indiana University School of Nursing’s essential abilities with or without specified accommodations.
6. Inability to conduct oneself in a professional fashion consistent with the American Nurses’ Association Code for Nurses or the Code of Student Rights, Responsibilities, and Conduct. In particular, falsification of records and reports, plagiarism, or cheating on an examination, quiz, or any other assignment is cause for dismissal (see Code of Student Rights, Responsibilities, and Conduct).
7. Faculty reserve the right to dismiss any student whose personal integrity or conduct demonstrates unfitness to continue preparation for the profession of nursing.

A student may be dismissed without prior probationary status when any of the above conditions exist.
Reinstatement Following Dismissal  A student who has been dismissed from the School of Nursing for academic failure or any other reason may request reinstatement by petitioning the School of Nursing’s Admission, Progression, and Graduation (APG) Committee on the campus where the student was dismissed. Reinstatement by one campus is not binding on other campuses. This written request must be received by July 1 for fall reinstatement, April 1 for summer reinstatement, and October 1 for spring reinstatement. Reinstatement will be based in part on faculty recommendations at the time of dismissal as well as availability of resources. Reinstatement is not guaranteed, and no student may be reinstated more than once. A reinstated student will be dismissed upon failure (grade of C- or lower) of one additional course. Students who are reinstated must adhere to the policies and curriculum of the School of Nursing in effect at the time of reinstatement.

Interuption in Study/Reentry  Failure to register in each sequential semester, including required summer sessions, constitutes an interruption in the student’s program. Students who have interrupted their program of study for any reason are required to submit a written request to reenter the program to the chairperson of the Admission, Progression, and Graduation Committee of the Division of Nursing at the campus where reentry is desired. This request must be received by July 1 for fall semester, April 1 for summer, and October 1 for spring. All requests for reentry will be evaluated on the basis of the availability of resources. Reentry of students who have interrupted their study for any reason is not guaranteed. (See “Priority Ranking for Placement.”) Students who reenter must adhere to the policies and curriculum of the School of Nursing in effect at the time of reentry.

Degree Requirements for the B.S.N.

Students assume responsibility for meeting degree requirements and for filing an official application for a degree. Application for the degree must be made at the time of program planning for the final semester. The student must file the degree application with the School of Nursing recorder by September 1 for December graduation and by December 1 for May, June, or August graduation.

All candidates for the degree of Bachelor of Science in Nursing must fulfill the following requirements:

1. Satisfactory completion of a minimum of 123-127 credit hours that apply to the degree (credit hour requirements may vary slightly among campuses). Credits earned in remedial learning skill courses and courses that are repeated do not apply toward the degree.

2. Achievement of a minimum cumulative grade point average of C (2.0).

3. Achievement of a grade of C (2.0) or higher in each required course or equivalent.

4. Removal of all incompletes, deferred grades, and special credit course grades in nursing courses by three weeks prior to the end of the student’s last semester before graduation.

5. Completion of all course work within six years after enrollment in nursing courses in the nursing major.

6. Students may be required to complete the NCLEX Readiness Examination, NCLEX Review, or other assessments.

B.S.N. Course Requirements

The baccalaureate curriculum is subject to continuous evaluation and revision. If curriculum changes occur, updated information can be obtained from the academic counselor. Students must consult with the academic counselor for a listing of courses on that campus that will fulfill the general-education requirements for the B.S.N. degree.

Registered nurses should consult the nursing academic counselor for specific information regarding advanced placement in the curriculum. Advanced placement may affect residency requirements for the baccalaureate degree.

General Education Requirements for the B.S.N.

General education requirements for the B.S.N. are based on the assumption that liberal learning provides a solid foundation for the development of clinical judgment skills required for the practice of professional nursing. General education requirements are an integrated educational experience, valued as an ongoing, lifelong process. Courses in the arts, sciences, and humanities are categorized into Cluster Requirements which are linked to program competencies. Clusters are designed to:

1. Reflect identified program outcomes.

2. Assist students in developing and understanding of discipline areas.

3. Provide students with opportunities to develop specified skills critical to competent nursing practice.

4. Provide students with the ability to meet specific campus general education requirements, while maintaining system-wide consistency.

5. Allow students the opportunity to fulfill a major or minor in another discipline.
6. Insure that program requirements are not a barrier to completing a B.S.N. in four years of full-time study.

**CLUSTER CATEGORIES**

**Critical/Analytical Cluster** Courses identified to assist students to understand and use purposeful thought, accurately interpret nursing problems, evaluate information in determining probable validity and reliability and relevance to problems at hand, make inferences that avoid faulty reasoning, and monitor thought processes. Mathematics and science are emphasized in order to provide a foundation for understanding scientific theories and principles.

**Communication Cluster** Courses identified to promote an accurate understanding of the written and spoken word and the use of technology in managing, transferring, and enhancing the use and sharing of information.

**Cultural Diversity Cluster** Courses identified to develop understanding of and appreciation for the diversity within and among cultures, how these differences shape values and beliefs, and how these beliefs affect behaviors of individuals, families, and societies.

**Social Competence Cluster** Courses identified to develop knowledge of management of human, fiscal, and material resources, knowledge of the political and legal process governing the laws and policies shaping health and well-being, and building an appreciation for existing community resources and defining of additional resources.

**Humanistic Appreciation Cluster** Courses identified as essential to the development of an appreciation of human differences, an understanding of human nature and a strong sense of aesthetics.

**Please note:** Academic advisors in the University Division and in the Division of Nursing should be consulted for the current list of courses applicable to each cluster prior to registration.

**BASIC B.S.N. ACADEMIC PROGRAM DEGREE PROGRAM**

**First Year***

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Cluster</td>
<td>3</td>
</tr>
<tr>
<td>ENG W131 English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>PSY P101 Introductory Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>Critical / Analytical Cluster</td>
<td>3</td>
</tr>
<tr>
<td>Cultural Diversity Cluster</td>
<td>3</td>
</tr>
</tbody>
</table>

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(Students may make application to the Division of Nursing after the above course work has been completed.)

**Second Year**

**First Semester**

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANAT A215 Basic Human Anatomy</td>
</tr>
<tr>
<td>SOC S163 Social Problems</td>
</tr>
<tr>
<td>CHEM C102/C122</td>
</tr>
<tr>
<td>Humanistic Appreciation Cluster</td>
</tr>
</tbody>
</table>

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**Second Semester**

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICR J200/J201 Microbiology and Immunology</td>
</tr>
<tr>
<td>NURS B244/B245 Comprehensive Health Assessment</td>
</tr>
<tr>
<td>PSY B310 Life-Span Development</td>
</tr>
<tr>
<td>NURS K490 Life-Span Practicum</td>
</tr>
</tbody>
</table>

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**Summer Session**

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS B248/B249 Science and Technology of Nursing</td>
</tr>
</tbody>
</table>

**Third Year**

**First Semester**

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS H351/H352 Alterations in Neuropsychological Health</td>
</tr>
<tr>
<td>NURS H353/H354 Alterations in Health I</td>
</tr>
<tr>
<td>MATH K300 Statistical Techniques</td>
</tr>
<tr>
<td>Cultural Diversity Cluster</td>
</tr>
</tbody>
</table>

16

**Second Semester**

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS H361/H362 Alterations in Health II</td>
</tr>
<tr>
<td>NURS H363/H364 The Developing Family and Child</td>
</tr>
<tr>
<td>NURS H365 Nursing Research</td>
</tr>
<tr>
<td>Social Competence Cluster</td>
</tr>
</tbody>
</table>

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*Successful completion of high school chemistry, and Algebra I and II required.
Summer Session

Elective .................................................................3

Fourth Year

First Semester  

Credits
NURS S470/S471 Restorative Health
Related to Multi-System Failures..........................5
NURS S472/S473 A Multi-System Approach
to the Health of the Community...........................5
Humanistic Appreciation Cluster.............................3
Elective (300-400 level)...........................................3

16

Second Semester  

Credits
NURS S481/S482 Nursing Management......................5
NURS S483 Clinical Nursing Practice
Capstone ................................................................3
NURS S484 Research Utilization.................................1
NURS S485 Professional Growth
and Empowerment..................................................3

12

Nursing Major at IUS: 124 credit hours.

Please note: Course sequencing and course requirements differ among the Indiana University School of Nursing campuses.

R.N. Mobility Options

Admission to the R.N.-B.S.N. Mobility Option

Registered nurses seeking admission to the Indiana University School of Nursing must apply to the Office of Admissions at IUS. Unless otherwise specified, all School of Nursing policies pertinent to B.S.N. program majors also apply to registered nurse undergraduate students.

Students who have attended another college or university must forward an official transcript to the Office of Admissions. A credit transfer report (CTR) listing transferable credit will then be generated by the Office of Admissions. Upon receipt of the CTR, the student should contact the nursing academic counselor who will review the CTR, identify course work to be completed, and explain the process for achieving advanced standing with credit. Credit will be awarded for relevant courses completed at other accredited institutions of higher learning. Students are eligible to enroll in courses upon (1) receiving notification from the Office of Admissions that they have been admitted to the university, (2) verification of current registered nurse license in Indiana, and (3) attainment of a minimum cumulative grade point average of 2.5 on a 4.0 scale in all work attempted. Registered nurses should contact the academic counselor early, as acceptance policies to the baccalaureate nursing major are subject to change.

R.N. to B.S.N. courses on many campuses are offered using nontraditional class methods to facilitate student learning and ease of mobility. Please consult the academic counselor for specific details on this mobility option. Note: The R.N. student must maintain Indiana Licensure throughout enrollment in the nursing program.

Placement of registered nurse students in nursing courses is based upon space availability, credit hours completed toward the degree, and GPA. It is particularly important for registered nurses to take courses as they become available. Failure to do so may seriously affect progression through the program.

Advanced Standing  Registered nurse students receive advanced standing in the baccalaureate program following successful completion of required nursing transition courses. Special credit will be awarded for the following nursing courses once the Professional Nursing Seminars are completed and students have paid any specified credit hour special fees:

Courses being credentialed  

Credits
B230 Developmental Issues and Health........................4
B248 Science and Technology of Nursing.....................4
H351 Alterations in Neuro-Psychological
Nursing..................................................................3
H352 Alterations in Neuro-Psychological
Nursing: Practicum...........................................2
H353 Alterations in Health..............................................3
H354 Alterations in Health I: Practicum.......................2
H361 Alterations in Health II..........................................3
H362 Alterations in Health II: Practicum......................2
H363 The Developing Family and Child...................2-3
H364 The Developing Family and Child:
Practicum............................................................3
S470 Restorative Health: Multi-System
Alterations ..........................................................3
S471 Restorative Health: Multi-System
Alterations: Practicum.........................................2

TOTAL CREDITS 33-34

A grade of S (Satisfactory) will be recorded on the student’s transcript for the above courses according to criteria determined by faculty.

Nursing elective credit for Z490/Z492 (Clinical Experience in Nursing/Independent Study in Nursing) may be awarded to registered nurses holding valid specialty certification from a
professional nursing organization in an appropriate
area of nursing. A maximum of 2 credit hours may be
awarded.

Students may also pursue the portfolio option if they
believe they have knowledge and skills consistent
with specific required course objectives/outcomes. If
students wish to pursue this mechanism for
advanced standing, they must contact the instructor
responsible for the course. This should be done
during the semester prior to the semester in which
the student would actually need to take the course. If
the portfolio is not accepted, the student must
register for and successfully complete the course.
(Please see portfolio review process under School of
Nursing academic policies).

For specific information on advanced-standing
procedures, registered nurse applicants should
contact the academic nursing counselor on the
campus of enrollment.

Residency Requirements Thirty credit hours of
residency is required for the baccalaureate degree.
Registered nurse students must meet this
requirement to be eligible for graduation. The
following required nursing courses may be used to
meet the residency requirement:

<table>
<thead>
<tr>
<th>Courses to be taken</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>B244 Comprehensive Health Assessment</td>
<td>2</td>
</tr>
<tr>
<td>B245 Comprehensive Health Assessment:</td>
<td></td>
</tr>
<tr>
<td>Practicum</td>
<td>2</td>
</tr>
<tr>
<td>B304 Professional Nursing Seminar I</td>
<td>3</td>
</tr>
<tr>
<td>B404 Professional Nursing Seminar II</td>
<td>3</td>
</tr>
<tr>
<td>H365 Research Process</td>
<td>3</td>
</tr>
<tr>
<td>S472 A Multi-System Approach to Health</td>
<td>3</td>
</tr>
<tr>
<td>of the Community</td>
<td></td>
</tr>
<tr>
<td>S473 A Multi-System Approach to Health</td>
<td>2</td>
</tr>
<tr>
<td>of the Community: Practicum</td>
<td></td>
</tr>
<tr>
<td>S481 Nursing Management</td>
<td>2</td>
</tr>
<tr>
<td>S482 Nursing Management: Practicum</td>
<td>3</td>
</tr>
<tr>
<td>S483 Clinical Nursing Practice Capstone</td>
<td>3</td>
</tr>
<tr>
<td>S484 Research Utilization</td>
<td>1</td>
</tr>
<tr>
<td>S485 Professional Growth and Empowerment</td>
<td>3</td>
</tr>
<tr>
<td>TOTAL CREDITS</td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

Students must petition the Admission, Progression,
and Graduation Committee for special consideration
if they wish to apply for any exceptions to nursing
policy.

Program Progression Registered nurse students
must successfully complete all required prerequisite
courses before progressing to the next level of
courses. B304 and B404 must be successfully
completed prior to enrollment in any eighth semester
course. Course patterning may vary among campuses
offering this mobility option. Please consult with the
academic counselor on the campus of enrollment for
course planning options.

R.N. to Master’s Degree Mobility Option
Registered nurses who wish to pursue graduate
education, whose highest academic credential in
nursing is a diploma or an associate degree in
nursing, and who have a baccalaureate or higher
degree in another field or additional credit beyond
their nursing degree may be interested in exploring
this educational option. This mobility option allows
eligible registered nurses to earn a master’s degree in
nursing without the conferral of the baccalaureate
degree in nursing. Interested students should contact
the school’s Office of Student Services at IUPUI or
attend graduate briefings held at IUS for more
information. This option may not be the best mobility
option for many registered nurses, so it is important
to talk with the School of Nursing’s academic
mobility counselor early in the decision-making
process.
Bachelor of Science in Nursing Courses

B232 Introduction to the Discipline of Nursing: Theory, Practice, Research (3 cr.) This course focuses on core theoretical concepts of nursing practice: health, wellness, illness, wholism, caring environment, self-care, uniqueness of persons, interpersonal relationships, and decision-making. This course helps the student understand nursing’s unique contributions to meeting societal needs through integrating theory, research, and practice.

B233 Health and Wellness (4 cr.) This course focuses on the use of concepts from nursing, nutrition, pharmacology, and biopsychosocial sciences to critically examine the determinates of health, wellness, and illness across the lifespan. Environmental, sociocultural, and economic factors that influence health care practices are emphasized. Theories of health, wellness, and illness are related to health promotion, disease prevention, illness prevention, and nursing interventions.

B244 Comprehensive Health Assessment (2 cr.) This course focuses on helping students acquire skills to conduct a comprehensive health assessment, including the physical, psychological, social, functional, and environmental aspects of health. The process of data collection, interpretation, documentation, and dissemination of assessment data will be addressed.

B245 Comprehensive Health Assessment: Practicum (2 cr.) Students will have the opportunity to use interview, observation, percussion, palpation, inspection, and auscultation in assessing clients across the lifespan in simulated and actual environments.

B248 Science and Technology of Nursing (2 cr.) This course focuses on the fundamentals of nursing from a theoretical research base. It provides an opportunity for basic care nursing skills development. Students will be challenged to use critical thinking and problem solving in developing the ability to apply an integrated nursing therapeutics approach for clients experiencing health alterations across the lifespan.

B249 Science and Technology of Nursing: Practicum (2 cr.) Students will have the opportunity to demonstrate fundamental nursing skills in the application of nursing care for clients across the lifespan.

H351 Alterations in Neuropsychological Health (3 cr.) P: All sophomore-level courses. Concurrent: H352, H353, and H354. This course focuses on individuals and small groups experiencing acute and chronic neuropsychological disorders. Content includes the effect of the brain-body disturbances on health functioning. Other content areas are growth and development, stress, mental status, nurse-client relationships, psychopharmacology, and nursing approaches for clients experiencing DSM-IV neuropsychological disorders.

H352 Alterations in Neuropsychological Health: The Practicum (2 cr.) P: All sophomore-level courses. Concurrent: H351, H353, and H354. Students will provide nursing care to individuals and small groups who are experiencing acute and chronic neuropsychological disturbances related to psychiatric disorders. Student experiences will be with individuals and small groups in supervised settings such as acute care, community-based, transitional, and/or the home.

H353 Alterations in Health I (3 cr.) P: All sophomore-level courses. Concurrent: H351, H352, and H354. This course focuses on the pathophysiology and holistic nursing care management of clients experiencing acute and chronic problems. Students will use critical thinking and problem-solving skills to plan intervention appropriate to health care needs.

H354 Alterations in Health I: The Practicum (2 cr.) P: All sophomore-level courses. Concurrent: H351, H352, and H353. Students will apply the science and technology of nursing to perform all independent, dependent, and interdependent care functions. Students will engage clients in a variety of settings to address alterations in health functioning, identify health care needs, and determine the effectiveness of interventions given expected outcomes.

H361 Alterations in Health II (3 cr.) P: All sophomore-level courses; H351, H352, H353, and H354. Concurrent: H362, H363, H364, H365. This course builds on Alterations in Health I and continues to focus on pathophysiology and holistic nursing care management of clients experiencing acute and chronic health problems and their associated needs.

H362 Alterations in Health II: The Practicum (2 cr.) P: All sophomore-level courses; H351, H352, H353, and H354. Concurrent: H361, H363, H364, and H365. Students will continue to apply the science and technology of nursing to perform all independent, dependent and interdependent care functions. Students will engage clients in a variety of settings to address alterations in health functioning.
H363 The Developing Family and Child (3 cr.) P: All sophomore-level courses; H351, H352, H353, and H354. Concurrent: H361, H362, H364, and H365. This course focuses on the needs of individuals and their families who are facing the phenomena of growth and development during the childbearing and child rearing phases of family development. Factors dealing with preserving, promoting, and restoring healthy status of family members will be emphasized.

H364 The Developing Family and Child: The Practicum (3 cr.) P: All sophomore-level courses; H351, H352, H353, and H354. Concurrent: H361, H362, H363, and H365. Students will have the opportunity to work with childbearing and child-rearing families, including those experiencing alterations in health.

H365 Nursing Research (3 cr.) P: All sophomore-level courses; H351, H352, H353, and H354. Concurrent: H361, H362, H363, and H364. This course focuses on development of the student's skills in using the research process to define clinical research problems and to determine the usefulness of research in clinical decisions related to practice. The critique of nursing and nursing-related research studies will be emphasized in identifying applicability to nursing practice.


S470 Restorative Health Related to Multi-System Failures (3 cr.) P: All junior-level courses. Concurrent: S471, S472, and S473. This course focuses on the pathophysiology and nursing care management of clients experiencing multi-system alterations in health status. Correlations among complex system alterations and nursing interventions to maximize health potential are emphasized.


S472 A Multi-System Approach to the Health of the Community (3 cr.) P: All junior-level courses. Concurrent: S470, S471, and S473. This course focuses on the complexity and diversity of groups or aggregates within communities and their corresponding health care needs. Through a community assessment of health trends, demographics, epidemiological data, and social/political-economics issues in local and global communities, the student will be able to determine effective interventions for community-centered care.

S473 A Multi-System Approach to the Health of the Community: Practicum (2 cr.) P: All junior-level courses. Concurrent: S470, S471, and S472. Students will have the opportunity to apply the concepts of community assessment, program planning, prevention and epidemiology to implement and evaluate interventions for community-centered care to groups or aggregates. Professional nursing will be practiced in collaboration with diverse groups within a community.

S481 Nursing Management (2 cr.) P: All junior-level courses; S470, S471, S472, and S473. Concurrent: S482, S483, S484, and S485. This course focuses on the development of management skills assumed by professional nurses, including delegation of responsibilities, networking, facilitation of groups, conflict resolution, leadership, case management, and collaboration. Concepts addressed include organizational structure, change, managing quality and performance, workplace diversity, budgeting and resource allocation, and delivery systems.

S482 Nursing Management: The Practicum (3 cr.) P: All junior-level courses; S470, S471, S472, and S473. Concurrent: S481, S483, S484, and S485. Students will have the opportunity to apply professional management skills in a variety of nursing leadership roles.

S483 Clinical Nursing Practice Capstone (3 cr.) P: All junior-level courses; S470, S471, S472, and S473. Concurrent: S481, S482, S484, and S485. Students will have the opportunity to demonstrate competencies consistent with program outcomes and to refine their nursing care practice skills. Students will collaborate with faculty and a preceptor in choosing a care setting, planning and organizing a learning experience, and practicing professional nursing in a safe and effective manner.

S484 Research Utilization Seminar (1 cr.) P: All junior-level courses; S470, S471, S472, and S473. Concurrent: S481, S482, S483, and S485. This course focuses on students' abilities to refine their critical/analytical skills in evaluating clinical research for applicability to nursing practice. Students will examine the role of evaluation, action research, and research findings in assuring quality of nursing care and in solving relevant problems arising from clinical practices.
S485 Professional Growth and Empowerment (3 cr.) P: All junior-level courses; S470, S471, S472, and S473. Concurrent: S481, S482, S483, and S484. This course focuses on issues related to professional practice, career planning, personal goal setting, and empowerment of self and others. Students will discuss factors related to job performance, performance expectations and evaluation, reality orientation, and commitment to life-long learning.

Z480 B.S.N. Portfolio Review for Course Substitution (0-6 cr.) Noncredit course. The portfolio review process is available to all undergraduate students who believe that they can meet the learning objectives/competencies required of a specific nursing course within their program of study. The portfolio is a mechanism used to validate the acquisition of knowledge and skills congruent with course expectations and student learning outcomes. The portfolio provides objective evidence that students have acquired the content and skills through prior learning and/or practice experiences.

Z490 Clinical Experience in Nursing (1-6 cr.) P: Successful completion of junior-level courses or permission of instructor. Planned and supervised clinical experiences in the area of the student’s major interest.

Z492 Individual Study in Nursing (1-6 cr.) P: Successful completion of junior-level courses or permission of instructor. Opportunity for the nursing student to pursue independent study of topics in nursing under the guidance of a selected faculty member.

R.N. Mobility Option Courses

B244 Comprehensive Health Assessment (2 cr.) This course focuses on helping students acquire skills to conduct a comprehensive health assessment, including the physical, psychological, social, functional, and environmental aspects of health. The process of data collection, interpretation, documentation, and dissemination of assessment data will be addressed.

B245 Comprehensive Health Assessment: Practicum (2 cr.) Students will have the opportunity to use interview, observation, percussion, palpation, inspection, and auscultation in assessing clients across the lifespan in simulated and actual environments.

B304 Professional Nursing Seminar I (3 cr.) This course focuses on core theoretical concepts of professional nursing practice, including health, wellness, illness, self-care and caring, disease prevention, and health promotion. Students will be expected to explore theoretical premises and research related to the unique wellness perspectives and health beliefs of people across the lifespan in developing care outcomes consistent with maximizing individual potentials for wellness.

B404 Professional Nursing Seminar II (3 cr.) This course focuses on the application of nursing theory and research findings in restoring and maintaining individual and family functioning for those dealing with multi-system alterations. Students will explore the ethical, legal, and moral implications of treatment options and identify tactics to maximize nursing’s effectiveness in facilitating individuals and families through the health care system. Students will complete a scholarly analysis as part of their practicum experience.

H365 Nursing Research (3 cr.) This course focuses on development of students’ skills in using the research process to define clinical research problems and to determine the usefulness of research in clinical decisions related to practice. The critique of nursing and nursing-related research studies will be emphasized in identifying applicability to nursing practice.

S472 A Multi-System Approach to the Health of the Community (3 cr.) This course focuses on the complexity and diversity of groups or aggregates within communities and their corresponding health care needs. Through a community assessment of health trends, demographics, epidemiological data, and social/political/economics issues in local and global communities, the student will be able to determine effective interventions for community-centered care.

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S483 Clinical Nursing Practice Capstone (3 cr.) Students will have the opportunity to demonstrate competencies consistent with program outcomes and to refine their nursing care practice skills. Students will collaborate with faculty and a preceptor in choosing a care setting, planning and organizing a learning experience, and practicing professional nursing in a safe and effective manner.

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Accreditations

Indiana University
North Central Association of Colleges and Secondary Schools

Indiana University School of Nursing
National League for Nursing Accrediting Commission—A.S.N., B.S.N., and M.S.N. Programs
Commission on Collegiate Nursing Education—B.S.N. and M.S.N. Programs
Indiana State Board of Nursing—A.S.N. and B.S.N. Programs
American Nurses Credentialing Center’s Commission on Accreditation

Memberships

The IUS Division of Nursing is an agency member of the Commission on Collegiate Nursing Education (CCNE) as well as the Committee for Institutional Cooperation (CIC). The division is also a constituency member of the American Association of Colleges of Nursing, and the Midwest Alliance in Nursing.
Purdue University Programs

Purdue School of Technology
Physical Sciences 020
Phone: (812) 941-2353
Fax: (812) 941-2629

Associate Professors  Gohmann, Kopp (Site Director), O’Connor
Assistant Professors  Cooley, Le, Stewart
Lecturers (part-time)  Bosela, Hatchell, Juliott, Long, McPhillips, R. Miller, Moeller, Mohsen, Steedly
Academic Advisor  Freiberger

Purdue University’s School of Technology offers selected technical degrees through Purdue Statewide Technology at Indiana University Southeast. Two-year associate degree programs are available in computer graphics technology, electrical engineering technology, mechanical engineering technology, and organizational leadership and supervision. A four-year bachelor of science degree is offered in organizational leadership and supervision. Third year courses are being added for all programs.

These programs are primarily concerned with the education of specialists who are prepared to enter the world of work with technical, hands-on experience, effective communication skills, and analytical problem-solving abilities.

Nature  The program of instruction draws upon some of the technical theory requirements of the engineering profession but contains more courses in technical applications. Many of the courses involve laboratory work.

Emphasis  Principles and fundamentals are stressed to develop proficiency in the use of rational processes in finding solutions to problems in industry.

Scope  The course material falls between the skilled crafts and engineering science, touching on both of these levels. The curriculum contains both practical and theory-oriented courses.

Degree Awarded  Associate of Science degrees can be earned in computer graphics, electrical engineering technology, mechanical engineering technology, and organizational leadership and supervision. A Bachelor of Science degree is available in organizational leadership and supervision.

Continuing Opportunity  Graduates of the two-year curriculum may continue their studies in an additional two-year program leading to the Bachelor of Science degree in organizational leadership and supervision or may transfer to West Lafayette or Indianapolis to continue toward the four-year degree in their selected major. (Consult a Purdue advisor for more specific information about this option.)
Computer Graphics Technology (A.S.)

Computer graphics is a unique interdisciplinary body of applied knowledge that includes elements of visual science, computer science, computer graphics, technology, and graphic design applied to the creation and communication of information. Visually oriented students who are interested in creating and managing the production of graphics through computer technology are prepared to enter professions in marketing, education/training, engineering, entertainment, and communication. Opportunities for undergraduate study include either a self-contained general graphics communications major or a series of concentrations. The concentrated areas that are offered in New Albany are in animation and spatial graphics, and interactive multimedia. Consult an academic advisor for the most current and accurate information. The program of study required for the A.S. in computer graphics is as follows:

First Year

First Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGT111</td>
<td>Design for Visualization and Communication</td>
<td>3</td>
</tr>
<tr>
<td>CGT112</td>
<td>Sketching for Visualization and Communication</td>
<td>3</td>
</tr>
<tr>
<td>CPT135</td>
<td>Introduction to Computer Applications</td>
<td>2</td>
</tr>
<tr>
<td>ENG W131</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>MATH M125</td>
<td>Precalculus Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH M126</td>
<td>Trigonometric Functions</td>
<td>2</td>
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Second Semester

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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CGT116</td>
<td>Geometric Modeling for Visualization and Communication</td>
<td>3</td>
</tr>
<tr>
<td>CGT117</td>
<td>Illustrating for Visualization and Communication</td>
<td>3</td>
</tr>
<tr>
<td>CSCI C201</td>
<td>Introduction to Computer Programming</td>
<td>3</td>
</tr>
<tr>
<td>MATH M119</td>
<td>Brief Survey of Calculus I*</td>
<td>3</td>
</tr>
<tr>
<td>SPCH S121</td>
<td>Public Speaking</td>
<td>3</td>
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Second Year

First Semester

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</thead>
<tbody>
<tr>
<td>CGT211</td>
<td>Raster Imaging for Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>ECON E107</td>
<td>Introduction to Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS P201</td>
<td>General Physics: Mechanics, Heat, and Sound</td>
<td>5</td>
</tr>
<tr>
<td>CGT Selective*</td>
<td></td>
<td>3</td>
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<tr>
<td>Elective**</td>
<td></td>
<td>3</td>
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Second Semester

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<tr>
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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CGT216</td>
<td>Vector Imaging for Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>CGT Selective**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS P202</td>
<td>General Physics: Electricity, Magnetism, Light, and Nuclear Physics</td>
<td>5</td>
</tr>
<tr>
<td>Liberal Arts Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Elective**</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>17</td>
</tr>
</tbody>
</table>

CGT Selectives

CGT241 Introduction to Animation and Spatial Graphics
CGT246 Digital Lighting and Rendering
CGT251 Principles of Creative Design
CGT351 Multimedia Authoring I

Interdisciplinary, major-related selectives

CPT175E Programming in C Language
MET141 Materials I

Electrical Engineering Technology (A.S.)

The Electrical Engineering Technology Program is a combination of courses in electricity, electronics, mathematics, science, and general academic areas that lead to the A.S. degree. The program is designed to prepare students for employment as technicians in research laboratories, in electronic industries, and in any industry that uses electrical power or electronic controls.

The basic curriculum will provide the student with sufficient education to find employment in the fields of communications electronics, industrial electronics, military electronics, computer electronics, automation, industrial controls, electronic servicing, electrical power, aviation electronics, and others. A considerable amount of laboratory work is required in the engineering technology programs.

The program of study required for the A.S. in electrical engineering technology is as follows:

First Year

First Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT135</td>
<td>Introduction to Computer Technology and Applications</td>
<td>1</td>
</tr>
<tr>
<td>EET107</td>
<td>Introduction to Circuit Analysis</td>
<td>4</td>
</tr>
<tr>
<td>EET109</td>
<td>Digital Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>EET196</td>
<td>Exploring EET</td>
<td>2</td>
</tr>
<tr>
<td>ENG W131</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>MATH M125</td>
<td>Precalculus Mathematics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>16</td>
</tr>
</tbody>
</table>

*Students not planning on pursuing the B.S. degree may substitute another math or lab science course.

**Electives and selectives are determined by area of concentration.
Second Semester
CPT175 Introduction to Structured Programming Principles.......................... 3
EET157 Electronics Circuit Analysis ..................................................... 4
EET159 Digital Applications .................................................................. 4
MATH M126 Trigonometry .................................................................. 2
SPCH S121 Public Speaking ................................................................. 3
TECH175 Information Strategies ......................................................... 1

Second Year
First Semester Credits
EET209 Introduction to Microprocessors ................................................. 4
EET207 AC Electronics Circuit Analysis .................................................. 4
MATH M119 Brief Survey of Calculus I (section for Purdue students) ....... 3
PHYS P201 General Physics: Mechanics, Heat, and Sound ....................... 5
CGT120 Electrical and Electronic Drafting ............................................. 2

Second Semester
EET231 Electrical Power and Control ..................................................... 4
EET257 Power and RF Electronics ......................................................... 4
EET276 Electronic Troubleshooting Lab .................................................. 2
EET296 Electronic System Fabrication ................................................... 2
MATH M120 Brief Survey of Calculus II* (section for Purdue students) ..... 3
Humanities/Social Science Elective ......................................................... 3

The program of study required for the A.S. in mechanical engineering technology is as follows:

First Year
First Semester Credits
CGT110 Drafting Fundamentals ............................................................. 3
ENG W131 Elementary Composition I .................................................... 3
MATH M125 Precalculus Mathematics ................................................. 3
MATH M126 Trigonometric Functions ................................................... 2
MET141 Materials and Processes I ......................................................... 3
MET160 Applied Engineering Computational Analysis ......................... 3

Second Semester
MATH M119 Brief Survey of Calculus I (section for Purdue students) ....... 3
MET102 Production Design and Specifications ...................................... 3
MET111 Applied Statics ..................................................................... 3
MET142 Manufacturing Processes I ....................................................... 3
MET242 Manufacturing Processes II ..................................................... 3

Second Year
First Semester Credits
MET211 Applied Strength of Materials ................................................. 4
MET213 Dynamics ....................................................................... 3
MET230 Fluid Power ..................................................................... 3
PHYS P201 General Physics: Mechanics, Heat, and Sound ...................... 5

Second Semester
MET214 Machine Elements ................................................................. 3
MET220 Heat/Power I ..................................................................... 3
PHYS P202 General Physics: Electricity, Magnetism, Light, and Nuclear Physics ........... 5
Humanities or Social Science Elective ................................................... 3

Organizational Leadership and Supervision (A.S. and B.S.)
Following are both the Associate and the Bachelor plans of study.

Associate of Science
The Organizational Leadership and Supervision (OLS) program is designed for people who wish to improve themselves educationally and professionally through the development of broad-based supervisory,
problem-solving, and communication skills. The
program is a highly individualized, practical, people-
oriented approach to the practice of supervision. It
provides a long-term educational emphasis on real-
world work concepts and principles of enlightened
leadership, rather than a short-term supervisory
approach.

Graduates are employed in various leadership and
managerial positions in areas such as supervision,
production control, quality control, process
engineering, customer service, training and
development, human resource management,
technical sales, general management, and the military
services.

Students in this program design their own plan of
study around their specific career goals. All credits
earned in the associate degree apply toward the
bachelor’s degree program. Upon completion of the
A.S. degree in Supervision, graduates have the option
of either entering the job market or continuing on for
the next two years for the bachelor’s degree.

The A.S. degree in organizational leadership and
supervision requires a total of 63 credit hours. The
program of study required is as follows:

Core Requirements
The following courses represent the required core
classes that provide the student with the necessary
skills and knowledge to perform well in their first
work-related professional position:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT135 Computer Techniques and Applications</td>
<td>2</td>
</tr>
<tr>
<td>ENG W131 English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENG W290 Writing in the Arts and Sciences</td>
<td>3</td>
</tr>
<tr>
<td>IET104 Industrial Organization</td>
<td>3</td>
</tr>
<tr>
<td>MATH M125 Precalculus Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH K300 Statistical Techniques</td>
<td>3</td>
</tr>
<tr>
<td>OLS252 Human Behavior in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>OLS331 Occupational Safety and Health</td>
<td>3</td>
</tr>
<tr>
<td>OLS375 Training Methods</td>
<td>3</td>
</tr>
<tr>
<td>OLD376 Human Resource Issues</td>
<td>3</td>
</tr>
<tr>
<td>PSY P101 Introductory Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>SOCU 163 Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SPCH S121 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>SUPV S300 Personnel Supervision</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>38</td>
</tr>
</tbody>
</table>

OLS Selectives (6 credit hours)
Choose two selectives from the following list:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS W211 Contemporary Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>BUS Z430 Managing a Diverse Workforce</td>
<td>3</td>
</tr>
<tr>
<td>OLS384 Leadership Processes</td>
<td>3</td>
</tr>
<tr>
<td>OLS467 Supervised Practicum</td>
<td>3</td>
</tr>
<tr>
<td>OLS474 Conference Leadership</td>
<td>3</td>
</tr>
<tr>
<td>OLS477 Conflict Management</td>
<td>3</td>
</tr>
<tr>
<td>OLS479 Staffing Organizations</td>
<td>3</td>
</tr>
<tr>
<td>OLS484 Leadership Strategies for Quality and Productivity</td>
<td>3</td>
</tr>
<tr>
<td>OLS486 Management of Change</td>
<td>3</td>
</tr>
<tr>
<td>OLS487 Leadership Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>OLS499 Individual Research Problems</td>
<td>3</td>
</tr>
<tr>
<td>SUPV S320 Labor Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

Technical Electives (12 credit hours)
Technical electives are courses that enhance and
improve career development. The plan of study should have a unified framework in specialty areas that include manufacturing, sales, or general management. Courses would be selected from among the following:

- communication
- management
- psychology
- computer graphics
- electrical engineering technology
- mechanical engineering technology

Non-technical Electives (6 credit hours)
Non-technical electives may be selected from the following areas:

- anthropology
- communication
- English
- fine arts
- foreign language
- general studies
- history
- music
- philosophy
- political science
- psychology
- sociology
- theatre
Bachelor of Science

Graduates of Purdue’s technical two-year degrees are able to continue toward a four-year Organizational Leadership and Supervision (OLS) degree. Students are encouraged to take a planned program of technical skill courses that will provide a meaningful background for their future careers as well as permit them to function effectively in tomorrow’s high technology workforce.

A definite strength of this program is its individualized curriculum which lends itself well to students who have attended college previously and who wish to maximize their previous college credits. However, at least 32 credit hours must be taken while enrolled in the OLS program at Purdue.

The B.S. in organizational leadership and supervision requires a total of 123 credit hours. The program of study required is as follows:

First Year

First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG W131 Elementary Composition I</td>
<td>3</td>
</tr>
<tr>
<td>MATH M125 Precalculus Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>OLS252 Human Behavior in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>SPCH S121 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Non Technical Elective*</td>
<td>3</td>
</tr>
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</table>

Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENG W290 Writing in the Arts and Sciences</td>
<td>3</td>
</tr>
<tr>
<td>MATH M126 Trigonometric Functions</td>
<td>2</td>
</tr>
<tr>
<td>PSYP101 Introductory Psychology I or SOC S163 Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SUPV S300 Personnel Supervision or OLS274 Applied Leadership</td>
<td>3</td>
</tr>
<tr>
<td>Non-technical Elective*</td>
<td>1</td>
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<tr>
<td>Science Elective**</td>
<td>3</td>
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Second Year

First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CPT135 Computer Technology Applications</td>
<td>2</td>
</tr>
<tr>
<td>ECON E107 Introduction to Macroeconomics</td>
<td>3</td>
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<tr>
<td>IT264 Fundamentals of Work Design</td>
<td>3</td>
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<tr>
<td>OLS375 Training Methods</td>
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<td>Technical Elective****</td>
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Second Semester

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<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BUS A202 Introduction to Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ENG W231 Professional Writing Skills</td>
<td>3</td>
</tr>
<tr>
<td>OLS484 Leadership Strategies for Quality and Productivity</td>
<td>3</td>
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<tr>
<td>OLS Selective***</td>
<td>3</td>
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<td>Technical Elective***</td>
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Third Year

First Semester

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<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGT110 Drafting Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>MATH K300 Statistical Techniques or ECON E280 Statistics for Business Economics</td>
<td>3</td>
</tr>
<tr>
<td>OLS378 Labor/Management Relations or SUPV S320 Labor Relations</td>
<td>3</td>
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<tr>
<td>OLS Selectives***</td>
<td>6</td>
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Second Semester

<table>
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<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>OLS474 Conference Leadership</td>
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<tr>
<td>OLS485 Leadership for Team Development</td>
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<td>SPCH S223 Professional Speaking</td>
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<tr>
<td>OLS Selective***</td>
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<tr>
<td>Technical Elective*</td>
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Fourth Year

First Semester

<table>
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<th>Course</th>
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<tr>
<td>BUS A201 Introduction to Financial Accounting</td>
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<tr>
<td>CPT172 Database Application Development</td>
<td>3</td>
</tr>
<tr>
<td>IT104 Industrial Organization</td>
<td>3</td>
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<tr>
<td>OLS331 Occupational Health and Safety</td>
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<td>OLS376 Human Resource Issues</td>
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Second Semester

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<td>OLS487 Leadership Philosophy</td>
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<td>OLS Selective***</td>
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<td>Non-technical Elective*</td>
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<tr>
<td>Technical Electives****</td>
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</table>

*Non-technical Elective: anthropology, art, communication, English, foreign language, general studies, history, music, philosophy, political science, psychology, theatre.

**Science Elective: A laboratory course in biology, chemistry, or physics.

***OLS Selective: Any OLS or IUS supervision course.

****Technical Elective: communication, computer science, business, psychology, CGT, EET, or MET.
Courses
All courses with a lab require a lab fee.

Computer Graphics Technology (CGT)

CGT111 Design for Visualization and Communication (3 cr.) Class 2, Lab 2. An introductory design course for applied computer graphics majors. Students develop an understanding of the basic design elements and principles, composition and typography through exercises and projects. The focus is on visual thinking, exploring the relationship between type and image, and developing multiple solutions to a given problem.

CGT112 Sketching for Visualization and Communication (3 cr.) Class 2, Lab 2. This course applies fundamental applied computer graphics concepts of visualization, communication and creativity within a sketching metaphor. Exercises and projects in graphic theory, problem solving, and sketching skill development provides students with activities that focus on further development within the discipline. A variety of sketching techniques are used to gather critical information and transform data into effective communication instruments.

CGT116 Geometric Modeling for Visualization and Communication (3 cr.) Class 2, Lab 2. Core introductory applied computer graphics course that provides entry-level experiences in geometric modeling. Students develop geometric analysis and modeling construction techniques and processes to produce accurate computer models for graphic visualization and communication.

CGT117 Illustrating for Visualization and Communication (3 cr.) Class 2, Lab 2. This foundation course stresses the use of pictorial illustration for visualization and communication. Various projection systems are introduced with discussion focusing on the appropriate use of view and system utilized to accentuate and provide clear communication. A variety of digital tools are used to construct, extract, and render pictorial views using vector and raster tools.

CGT211 Raster Imaging for Computer Graphics (3 cr.) Class 2, Lab 2. P: CGT116 and CGT117. Digital images are produced using a variety of computer technologies. Advanced color theory, surface rendering, and light control are emphasized in relation to technical illustration, hardware characteristics, and software capabilities.

CGT216 Vector Imaging for Applied Computer Graphics (3 cr.) Class 2, Lab 2. P: CGT211. Full-color vector illustrations for a variety of uses are produced using computer methods. Color theory, surface analysis, and rendering techniques are emphasized as they apply to vector-based illustrations.

CGT241 Introduction to Animation and Spatial Graphics (3 cr.) Class 2, Lab 2. P: CGT116. Corequisite CGT211. This course introduces the knowledge base on which digital animation and spatial graphics technology are founded and developed. Emphasis will be placed on developing a working knowledge of the mechanics of 3D geometric formats, spline-based modeling with polygon mesh and NURBS, procedural mapping of raster images, simplified polygon modeling, rendering methods, hierarchical linking, and kinematic fundamentals.

CGT251 Principles of Creative Design (3 cr.) Class 2, Lab 2. P: CGT117. This course introduces the design of the human computer interface coupled with traditional graphical design concepts applied to the creation of dynamic digital tools. Concepts are applied to multimedia and hypermedia products and the related print-based materials normally associated with them. Students learn graphic design, interface design, and information design to create effective and visually stimulating communication devices using multimedia and hypermedia tools.

CGT340 Digital Lighting and Rendering (3 cr.) Class 2, Lab 2. P: CGT241. The development of a working knowledge of perspective display of three-dimensional models and the resulting effects of projected light sources on shade, shadow, color, texture, and atmospheric effects in architecture, product illustration and animation. Emphasis will be placed on lighting design, analysis, and photorealistic simulation for commercial graphic applications.

CGT351 Multimedia Authoring I (3 cr.) Class 2, Lab 2. P: CGT251. This course introduces the many facets of interactive multimedia design and production. Students are introduced to interaction-based authoring programs used for information delivery with special attention focused on the integration of various media assets for communication. Students also concentrate on the storage, management, and retrieval of media assets in a production environment. Considerable time is spent on the systematic design of interactive media products to meet specified goals of communication.
Electrical Engineering Technology (EET)

EET107 Introduction to Circuit Analysis (4 cr.) Class 3, Lab 3. Corequisite: M125. Voltage; current; resistance; Ohm’s law; Kirchhoff’s laws; resistance combinations; Thevenin’s, Norton’s, and superposition theorems. DC and AC sources, with basic AC terminology described. Performance of ideal transformers, capacitors, inductors, and first-order RLC circuits. Fundamental analog circuits used in the laboratory to enhance understanding of basic laws and theorems.

EET109 Digital Fundamentals (3 cr.) Class 2, Lab 3. Corequisite: CPT135 or departmental approval. Introduces basic gate and flip-flop logic devices and their application in combinational and sequential digital circuits. Topics include decoders, displays, encoders, multiplexers, demultiplexers, registers, and counters; emphasis on logic circuit analysis, implementation of circuits using standard IC chips or programmable logic devices, circuit testing, and troubleshooting.

EET157 Electronics Circuit Analysis (4 cr.) Class 3, Lab 3. P: CPT135, EET107, M125. Diodes, various discrete and IC regulated power supplies, transistor biasing techniques, and characteristics of small signal amplifiers. Dependent sources, operational amplifiers, non-ideal DC op amp characteristics, waveform generation, and IC fabrication overview. Use of circuit fundamentals such as Kirchhoff’s laws in the analysis and design of circuits; computer-aided analysis of circuits.

EET159 Digital Applications (4 cr.) Class 3, Lab 3. P: EET107 and EET109. Continues the study of combinational and sequential digital applications. Input and output characteristics of the various common logic families and the appropriate signal conditioning techniques for on/off power interfacing; standard logic function blocks, digital and analog signal interfacing techniques, and memory devices.

EET196 Exploring EET (2 cr.) Class 1, Lab 2 or Class 1, Lab 3. Practical experiences to teach techniques for proper and safe use of basic hand and machine tools. Techniques for connecting various types of circuits. Fabricating printed circuit boards; introductory processes for using plastic and metal to fabricate custom parts. Use of verbal and written communication skills to report project progress and results.

EET207 AC Electronics Circuit Analysis (4 cr.) Class 3, Lab 3. P: EET157 and M126. AC circuits including the j operator, phasors, reactance and impedance; application of circuit laws, network theorems, and the fundamental concepts of Fourier analysis to the study of topics such as passive filters, IC filters, amplifiers, resonant circuits, single-phase and three-phase circuits, and elementary magnetic circuits.

EET209 Introduction to Microprocessors (4 cr.) Class 3, Lab 3. P: EET159, and CPT175 or equivalent. An introduction to microprocessor hardware and software. Assembly language instructions and programming, troubleshooting, and input/output techniques; use of computer-based program editing and assembly techniques.


EET257 Power and RF Electronics (4 cr.) Class 3, Lab 3. P: EET207. Application of circuit analysis techniques to amplifiers used in power and RF electronics. Bipolar and field effect transistors, thyristors, RF oscillators, mixers, AM/FM modulation, phase lock loops, frequency synthesis, switching power supplies, and active filters. Use of computer-aided analysis of circuits.

EET276 Electronic Troubleshooting Laboratory (2 cr.) Class 1, Lab 3. P: EET109. Corequisite: EET257. Experimental work in analyzing and repairing equipment. The use of test instruments to locate faulty components in AM and FM receivers, televisions, and industrial circuits.

EET296 Electronic System Fabrication (2 cr.) Class 1, Lab 3. P: EET159, EET196, EET207, and CGT120. This course introduces project planning and basic concepts in electronic design automation (EDA). The student develops the project from an engineering rough sketch to a finished and tested printed circuit board using EDA. New construction and testing techniques are introduced. The final product is presented in an oral and written report. The written documentation is used along with a resume in a job application simulation.

CGT120 Electrical and Electronic Drafting (2 cr.) Class 1, Lab 2. P: EET157. A basic course in electrical and electronic drafting using multiview and isometric drawing, sectioning, and dimensioning practices. Documentation of design through schematic diagrams, wiring diagrams, and printed circuit board layout. Application of graphics standards for electronic, power, and industrial control circuitry.
Mechanical Engineering Technology (MET)

CGT110 Drafting Fundamentals (3 cr.) Class 1, Lab 5. P: MATH M125 (IU). Basic course in drawing; orthographic projection, pictorial drawing, print reading, and reproduction of drawings; problems designed to develop practical reasoning and good drafting techniques.

MET102 Production Drawing (3 cr.) Class 1, Lab 5. P: CGT110. Application of principles of engineering drawing to detail, assembly, design layout, equipment installations, and related drawings. Includes an introduction to computer-aided drafting.

MET111 Applied Statics (3 cr.) Class 2, Lab 2. P: MATH M125, MATH M126 (IU), MET160. A study of force systems, resultants and equilibrium, trusses, frames, beams, shear, and moments in beams.

MET141 Materials I (3 cr.) Class 2-3, Lab 2-3. An overview of the characteristics and applications of materials commonly used in industry. Includes the primary processes used in producing these materials and changing their characteristics, and processes such as heat treatment and the hot and cold working of materials to meet the varied applications in industry.

MET142 Manufacturing Processes I (3 cr.) Class 2-3, Lab 3. P: MET141. A survey of basic casting, welding, and joining processes. Foundry areas include patterns, cores, molding, melting, and cleaning. Basic arc, gas, TIG, and MIG welding methods are presented as well as the metallurgy of welding processes.

MET160 Applied Engineering Computational Analysis (3 cr.) Class 2, Lab 3. Computations with the electronic calculator. The factor label method of unit conversion of commonly used engineering (including metric) units. Construction, drawing, and use of engineering graphs for both descriptive and computational purposes, introduction to computer programming using BASIC or FORTRAN languages. The emphasis will be on development of skills.


MET213 Dynamics (3 cr.) Class 3. P: MET111 and MA221. Applied fundamentals of dynamic forces, including displacement, velocities, accelerations, work, energy, power, impulse, momentum, and impact.

MET214 Machine Elements (3 cr.) Class 3. P: MET211 and MET213. The theories and methods developed in MET111 Applied Statics; MET213 Dynamics; and MET211 Applied Strength of Materials are applied to the selection of basic machine components. The course will develop the fundamental principles required for the selection of the individual elements of which a machine is composed.

MET220 Heat/Power I (3 cr.) Class 2, Lab 2. P: MA221, MET160. Principles of thermodynamics and fluid dynamics as applied to the conservation laws of mass and energy, prime movers, and power cycles.

MET230 Fluid Power (3 cr.) Class 2, Lab 2. P: MET160. A study of compressible and incompressible fluid statics and dynamics as applied to industrial hydraulic and pneumatic circuits and controls.

MET242 Manufacturing Processes II (3 cr.) Class 2, Lab 2. P: MET141. A basic survey of manufacturing processes and tools used by industry to convert bars, forgings, castings, plate, and sheet materials into finished products. Includes the basic mechanics of material removal and forming, measuring, quality control, and safety of operations.

MET299 Mechanical Engineering Technology (1-9 cr.) Class 0-3, Lab 2-6. Hours and subject matter to be arranged by staff. Primarily for third- or fourth-semester students with special aptitudes.

Organizational Leadership and Supervision (OLS)

CPT175 Introduction to Structured Programming Principles (3 cr.) Class 2, Lab 2. P: MATH M125, MATH M126 (IU). An introduction to computer programming. Emphasis is on structured programming principles, algorithm formulation using restricted control structures, disciplined programming style, testing, debugging, and documentation. Applications appropriate to technology students.

IT104 Industrial Organization (3 cr.) Class 3. A detailed survey of organizational structures; operational, financial, marketing, and accounting activities; duties of management, planning, control, personnel, safety, wages, policy, and human factors necessary for effective management.
OLS252 Human Behavior in Organizations (3 cr.) Class 3. A survey of the concepts that provide a foundation for the understanding of individual and group behavior in organizations, with emphasis on typical interpersonal and leadership relationships.

OLS331 Occupational Safety and Health (3 cr.) Class 3. A presentation of the aspects of occupational safety and health that are essential to the first-line supervisor. Emphasis is placed on developing an understanding of the economic, legal, and social factors related to providing a safe and healthy work environment.

OLS351 Innovation and Entrepreneurship (3 cr.) IUS course equivalency BUS W211 Contemporary Entrepreneurship. See IUS Bulletin description.

OLS362 Cooperative Education Program (2 cr.) For organizational leadership and supervision majors only. (May be repeated for up to 8 credit hours.) Instructor directed practicum designed to combine university study with work experience directly related to the student’s plan of study. Designed to be scheduled during a regular semester.

OLS375 Training Methods (3 cr.) Class 3. P: OLS252 and SUPV S300. Principles, practices, and methods of employee training. Introduction to systematic training program design, development, and evaluation. Emphasis is on the supervisor as trainer.

OLS376 Human Resource Issues (3 cr.) Class 3. P: OLS252 and SUPV S300. Analysis and discussion of case problems concerning typical leadership and personnel situations that impact upon the supervisor/manager. Examines the attitude, philosophy, analytical ability, and problem-solving skills within the working environment.

OLS384 Leadership Process (3 cr.) Class 3. P: OLS375 and OLS376. An in-depth study of a sequence of manager actions that influence employees to achieve desired performance results. How these manager actions are transformed by employers into desired performance is also covered.

OLS454 Gender and Diversity in Management (3 cr.) Class 3. IUS course equivalency BUS Z430 Managing a Diverse Workforce. See IUS Bulletin description.

OLS467 Supervised Practicum (3 cr.) P: OLS331, OLS375, and OLS376. For organizational leadership and supervision majors only. Instructor consent required. Credit awarded upon the completion of department-approved project. (May be repeated for up to 6 credit hours.)

OLS474 Conference Leadership (3 cr.) Class 4. P: OLS375, OLS376, and COM114. An introduction to, and overview of, the fundamental concepts of labor relations, collective bargaining, and dispute-resolution procedures. An international comparative analysis is used to assess some of the legal, economic, and political structures of labor relations.

OLS477 Conflict Management (3 cr.) Class 3. P: OLS376. A study of the methods for dealing with interpersonal, interpersonall, and political disputes by means generally outside the court system. Students will investigate theoretical and practical aspects of conflict assessment, negotiation, problem solving, mediation, and arbitration.

OLS479 Staffing Organizations (3 cr.) Class 3. P: OLS376. An applications-oriented study of key concepts in staffing organizations, including principles and issues in conducting job analysis; preparing job descriptions/specifications; and screening/selecting employees. Special emphasis on the design, validation, and operation of high-volume staffing systems.

OLS484 Leadership Strategies for Quality and Productivity (3 cr.) Class 3. P: OLS376. A study of how organizational leaders create an environment conducive to high levels of employee self-motivation, quality, and productivity. Actual case studies are used to illustrate the application of course content.

OLS485 Leadership for Team Development (3 cr.) Class 3. P: OLS375 and OLS376. An in-depth study of self-directed work teams and team processes in the work setting with a view to understanding team functions under varying task conditions. Especially emphasized will be the leadership of teams for effective performance and maximum member satisfaction. This course deals extensively with maintenance and task behaviors of team members.

OLS486 Management of Change (3 cr.) Class 3. P: OLS252 and OLS274. A survey of the concepts that provide a foundation for the understanding of leadership and its relationship to the management of organizational change, with special emphasis on managing the human side of quality improvement.
OLS487 Leadership Philosophy (3 cr.) Class 3. P: OLS 376. A review of current managerial education and development theories and practices; discussions of fundamental social, economic, and political changes affecting business and the art of managing; implications of these changes for individual development and continued growth. Open to seniors and graduate students only.

OLS491 Internship Program (1-3 cr.) For organizational leadership and supervision majors only. Consent of instructor required. (May be repeated for up to 6 credit hours.) A practicum designed to combine university study with work experience directly related to the student’s plan of study.

OLS499 Individual Research Problems (1-3 cr.) P: Instructor consent and departmental approval. (May be repeated for up to 6 credit hours.) Supervised individual research on appropriate topics.
School of Social Sciences

Crestview Hall 140
Phone: (812) 941-2391
Fax: (812) 941-2591

Professors: Atnip, M.A. Baker, Bower, Carducci, Findling, Finkel, S. French, Gugin, Jenks, R. Morgan, Newman, Segal, Thackeray, Wille

Associate Professors: Asare, Dahlgren, Kotulak, Sloss, St. Clair, Staten (Dean)

Assistant Professors: Abshire, Allman, Burton, Crothers, Henry, Shen, Wert


Computers are available for data entry and analysis.
**Associate of Science in Journalism**

The Associate of Science in Journalism degree program is designed primarily for the following students: (1) those who wish to enter journalism, especially with small daily or weekly newspapers or specialized publications; (2) those who wish to learn and develop journalistic skills that are valuable in related occupations such as public relations, advertising, graphic arts, and photography; (3) those who wish to earn a bachelor’s degree at IUS in another discipline after completing the A.S. in Journalism; (4) elementary and secondary education students who may someday have responsibility for advising student publications; and (5) teachers in area public and private schools who advise student publications and need to learn more about the media and publishing.

Students who plan to transfer to a bachelor’s degree program in journalism at another campus should seek special advising from the coordinator of the journalism program at IUS.

**Requirements**

I. Completion of 61 credit hours with a minimum overall grade point average of 2.0 and a minimum grade point average of 2.0 in journalism with no grade lower than C– (1.7). The 61 credit hours for the A.S. are distributed over requirements II through VII.

II. Twenty-seven (27) credit hours in journalism: C200 Introduction to Mass Communication; J200 Reporting, Writing and Editing I; J201 Reporting, Writing, Editing II; J290 Internship in Journalism, two semesters of 3 credit hours each for a total of 6 credit hours or approved equivalent experience; J210 Visual Communication; J351 Newspaper Editing; J280 Seminar in Journalism Ethics; J344 Photjournalism Reporting or an equivalent approved experience.

III. Thirteen (13) credit hours in the following courses:

A. ENG W131 Elementary Composition I
B. POLS Y103 Introduction to American Politics
C. SLIS L155 Information Resources in Journalism
D. HIST H106 American History: General Course II
E. One of the following: POLS Y107 Introduction to Comparative Politics; POLS Y109 Introduction to International Politics; or HIST H101 The World in the Twentieth Century.

IV. Twenty-one (21) additional credit hours from an approved list of courses with a maximum of 6 credit hours in any discipline: social sciences (3 courses); arts and letters (2 courses); natural sciences (1 course); business (1 course).

V. Research writing requirement.

VI. Demonstration of word processing skills.

VII. A minimum of 15 credit hours while in residence at IUS, including 9 credit hours in journalism.

**Suggested Sequence of Journalism Courses**

**First Year**

*First Semester*  
ENG W131 Elementary Composition I .................. 3  
JOUR J200 Reporting, Writing and Editing I ........... 3  
POLS Y103 Introduction to American Politics .......... 3  
JOUR J210 Visual Communication ......................... 3  

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*Second Semester*  
HIST H106 American History: General Course II ....... 3  
JOUR C200 Introduction to Mass Communication ....... 3  
JOUR J201 Reporting, Writing and Editing II .......... 3  
SLIS L155 Information Resources in Journalism ........ 1  
One course from Distribution Requirement IV .......... 3  

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*Summer Sessions*  
Two courses from Distribution Requirement IV .......... 6

**Second Year**

*First Semester*  
JOUR J290 Internship in Journalism I ................... 3  
JOUR J344 Photjournalism .................................. 3  
JOUR J351 Newspaper Editing .............................. 3  
One course from Distribution Requirement IV .......... 3  

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*Second Semester*  
JOUR J290 Internship in Journalism II ................. 3  
JOUR J280 Seminar in Journalism Ethics ............... 3  
HIST H101, POLS Y107, or POLS Y109 .................. 3  
One course from Distribution Requirement IV .......... 3  

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*Summer Sessions*  
Two courses from Distribution Requirement IV .......... 6
Requirements for a Minor in Journalism
16 credit hours, including:

- JOUR C200 Introduction to Mass Communication (3 cr.)
- JOUR J200 Reporting, Writing and Editing I (3 cr.)
- JOUR J290 Internship in Journalism II (3 cr.)
- JOUR J351 Newspaper Editing (3 cr.)
- SLIS L155 Information Resources in Journalism (1 cr.)

3 additional credits in either:

- JOUR J210 Visual Communication (3 cr.)
- JOUR J280 Seminar in Journalism Ethics (3 cr.)

Demonstration of word processing skills.

Bachelor of Arts in History

See “Graduation Requirements for the Bachelor of Arts Degree.”

Requirements
34 credit hours in history, four courses from among E100, F100, G100, H101, H103, H104, H105, H106; one course H225 The Historian’s Craft (1 cr.), one course J495 Proseminar in History; four additional courses at the 200, 300 or 400 level in three of the following geographic regions—Asia, Europe, Latin America, the United States; two additional courses at the 200, 300 or 400 level. The R200 research writing degree requirement must be filled in one of the 300- or 400-level history courses.

Requirements for a Minor in History
18 credit hours in history; three courses from among E100, F100, G100, H101, H103, H104, H105, H106; three additional courses at the 200, 300, or 400 level in two of the following geographic regions—Asia, Europe, Latin America, the United States.

Requirements for a Minor in History in Conjunction with a Business degree
21 credit hours in history; three courses from among E100, HIST F100, G100, H101, H103, H104, H105, H106; ECON E409 Economic History of the United States or E410 Select Topics in Economic History; one U.S. history course and one non-U.S. history course at the 200, 300, or 400 level.

Bachelor of Arts in Political Science

See “Graduation Requirements for the Bachelor of Arts Degree.”

Courses in the department introduce the student to fundamental issues in the governmental process, social conditions that create a need for government, structure and procedures of governments, control of governments and enforcement of responsibility, and relationships among governments. The goals of the program are to foster in our students an appreciation of government and politics and to prepare them to assume the duties of citizenship; to provide special knowledge and skills useful to those who plan to pursue public service; and to lay the foundations for the scholarly study of government, politics, and the law for those who plan to pursue graduate study or a legal education.

The political science degree program consists of a traditional track and a public service track. Both require 30 credit hours in political science.

Traditional Track in Political Science

Required Core Courses (9 cr. hrs.)

- Y103 Introduction to American Politics
- Y205 Elements of Political Analysis (must be completed prior to taking the senior seminar)
- Y490 Senior Seminar in Political Science

300-400 Level Distribution Requirements (12 cr. hrs.)

Must take at least one upper level course in each of the following four areas:

- American Politics (Y302, Y304, Y305, Y306, Y307, Y308, Y316, Y319, Y322, Y324, Y360, Y394, Y402, Y403, Y404)
- Comparative Politics (Y330, Y331, Y334, Y335, Y337, Y349, Y350, Y354)
- International Politics (Y343, Y366, Y374, Y376)
- Political Theory (Y384, Y392)

Portfolio Requirement

Each major will compile a writing portfolio consisting of the final papers written in Y205 and Y490.

Recommended Courses

Political Science: Y105 Introduction to Political Theory, Y107 Introduction to Comparative Politics, and Y109 Introduction to World Politics. Each introductory course provides excellent background for upper level courses in these areas.

Courses in other fields: Economics, computer science, history, and sociology are academic areas that majors will find useful, especially those planning to attend graduate school or law school.

K300: It is strongly recommended that students planning to attend graduate school complete MATH K300 Statistical Techniques.

Note: Political Science credit for internships and professional practice programs may not exceed 6 credit hours.
Public Service Track
The primary objective of the public service track is to prepare students with the background and skills to pursue positions in the public service, in both governmental and non-governmental (non-profit) organizations.

Required Core Courses (18 cr. hrs.)
Y103 Introduction to American Politics
Y205 Elements of Political Analysis
Y302 Public Bureaucracy in Modern Society
Y306 State and Local Government or Y308 Urban Politics
Y482 Practicum: Internship in Public Service (must serve a minimum of a three-hour internship in an approved public or non-governmental [non-profit] organization)
Y490 Senior Seminar in Political Science

300-400 Level Public Service Courses (6 cr. hrs.)
Must complete at least two 300-400 level courses in the Public Service area. These include:
Y402 Politics of the Budgetary Process
Y403 Legal Issues in Public Bureaucracy
Y404 Political Issues in Public Personnel Management

300-400 Level Distribution Requirements (6 cr. hrs.)
Must complete at least two other 300-400 level courses in political science from any of the following areas: comparative politics, international relations, and theory.

Portfolio Requirement
Each major will require a writing portfolio consisting of the final papers written for Y205 and Y490.

Recommended courses
It is strongly recommended that students complete MATH K300 Statistical Techniques.

Requirements for a Minor in Political Science
Minimum of 15 credit hours, including:
Y103 Introduction to American Politics (3 cr.)
One course in comparative politics
One course in international politics
(At least 9 credit hours of the minor must be taken on this campus.)

Bachelor of Arts in Psychology
See “Graduation Requirements for the Bachelor of Arts Degree.”

Requirements
30 credit hours in psychology, including P101-P102 Introductory Psychology I-II; statistics (MATH K300); P211 Methods of Experimental Psychology (lab); B452 Seminar in Psychology; one of Group I: P325, P326, P329, P334, or P335 and one of Group II: B310, P316, P319, P320, or P324. (MATH K300 Statistical Techniques or the equivalent may not be used to meet distribution requirements in mathematical and formal reasoning.)

Recommended Courses
Especially useful for psychology majors are courses in mathematics, chemistry, physics, biology, communications, and writing. No minor is required, but majors should consider coursework in other social sciences such as anthropology, sociology, and political science, as well as philosophy.

Requirements for a Minor in Psychology
18 credit hours, including:
P101 Introductory Psychology I (3 cr.)
P102 Introductory Psychology II (3 cr.)
One of the following:
P325 Psychology of Learning (3 cr.)
P326 Behavioral Neuroscience (3 cr.)
P327 Psychology of Motivation (3 cr.)
P329 Sensation and Perception (3 cr.)
P334 Perception (3 cr.)
P335 Cognitive Psychology (3 cr.)

One of the following:
B310 Life-Span Development (3 cr.)
B378 Introduction to Industrial Psychology (3 cr.)
P319 Psychology of Personality (3 cr.)
P320 Social Psychology (3 cr.)
P324 Abnormal Psychology (3 cr.)
Electives in psychology to total 18 credit hours

Bachelor of Arts in Sociology
See “Graduation Requirements for the Bachelor of Arts Degree.”

Requirements
The major in sociology requires a minimum of 30 credit hours in sociology including S163, S250, S251, a course in social psychology, a course in sociological theory (S441), and the senior seminar (S470). Courses at the 100 level may be taken without prerequisites. Courses at the 200 and 300 levels require S163 as a prerequisite. Courses at the 400 level require S163, S250, and S251 as prerequisites.
Requirements for a Minor in Sociology
18 credit hours, including:
- S163 Social Problems (3 cr.)
- S250 Methods and Statistics I (3 cr.)
- P320 Social Psychology (3 cr.)
- S441 Topics in Social Theory (3 cr.)
- An elective from 300- to 400-level sociology courses

Interdisciplinary Option
Requirements An interdisciplinary option is open to students who wish to integrate the study of sociology with that of another discipline or to apply sociological theory and methods to the data of another discipline. Students electing this option would take 21 credit hours of sociology, including all required courses, plus 6 credit hours of advanced work (300 or 400 level) in another discipline. Students are then required to apply what they have learned in a directed readings and research course in which they prepare an extensive study and for which they receive an additional 3 credit hours in sociology. Examples of areas that lend themselves to this approach are the sociology of formal organizations or the sociology of work (with business and economics courses); the sociology of the arts (with fine arts or humanities courses); and comparative sociology (with anthropology courses).

Women and Gender Studies
Requirements for a Certificate Completion of the general requirements for a bachelor’s degree and requirements for a major in another subject area.
24 credit hours in women’s studies, including W200 Women in Contemporary American Society, W400 Selected Topics in Women’s Studies (senior seminar), and 18 credit hours in other women’s studies courses. These 18 credit hours must include two humanities courses and two social science courses, and at least 12 of these 18 credit hours must be in 300- to 400-level courses. The 24 credit hours in women’s studies would be included in the 120-124 credit hours required for bachelor’s degrees. W200 is acceptable as an alternative to the prerequisites of the courses listed in the following paragraph.
The following courses will count toward fulfillment of the requirements for a Women’s Studies Certificate: ECON E347 Women and the Economy, ENG C340 Women in World Literature, ENG C392 Genre Study in Film: Women and Film, ENG L207 Women and Literature, ENG L378 Studies in Women and Literature, FINA A170 Women Artists/The Visual Arts, FINA A270 Women in the History of Art, HIST H214 Comparative Women’s History, HIST H231 The Family in History, POLS Y200 Contemporary Political Problems, POLS Y324 Women and Politics, PSY P460 Women: A Psychological Perspective, REL R362 Religion in Literature, SOC S164 Marital Relations and Sexuality, SOC S310 Sociology of Women in America, SOC S338 Sociology of Sex Roles, SOC S413 Gender and Society, SOC S416 The Family, SOC S423 Sexual Patterns and Variations, SPCH S450 Gender and Communication, WOST W495 Readings and Research in Women’s Studies. Check schedule listings each semester for additional courses. Contact the coordinator of Women’s Studies if uncertain about a course counting towards the Women’s Studies Certificate.

Requirements for a Minor
15 credit hours, including:
- WOST W200 Women in Contemporary American Society (3 cr.)
- 12 additional credit hours, including:
  - one course in humanities from FINA A170, FINA A270, ENG L378, or REL R200
  - one course in social sciences from PSY P460, SOC S310, SOC S338, ECON E347, POLS Y401, HIST H225, or HIST H425
- electives to total 15 credit hours

Requirements for a Minor in International Studies
21 credit hours, including:
- Second year of a foreign language (6 cr.)
- One multinational or multicultural course (3 cr.) from CMLT C340, C347, BUS D300, ECON E325, E333, FINA A150, GEOG G201, HIST H101, POLS Y107, or Y109
- 9 credit hours in international studies courses, including:
  - one course in business and economics from BUS D300; F494, M401; ECON E325, or E333
  - one course in humanities from CMLT C340, C347; ENG L107; FINA A150; A362; FREN F300; F305; F306; F315; F316; F363; GER G255; G300, G305; G330; G363; G415; PHIL P271; REL R152; R153; SPAN S301; S302; S303; S317; S411; S412
  - one course in social sciences from ANTH E105; GEOG G201; G323; HIST B361; B362; B378; D410; F342; G367; G368; G461; G462; H101; H207; H208; POLS Y107; Y109; Y331; Y334; Y337; SOC S308; S311
- A capstone project or seminar dealing with a topic in an international context (3 cr.): POLS Y371

1These courses apply only when the topic covered is in the area of Women’s Studies.
Courses

Anthropology (ANTH)

A105 Human Origins and Prehistory (3 cr.) Human biological evolution and prehistory from the earliest archaeological record through the rise of civilization. Credit given for only one of the following: A102, A105, or A303.

A310 Survey of American Indians I (3 cr.) The Native American experience from the pre-Columbian period through the American Civil War. Lectures and readings will focus upon Native American cultural patterns, and the Native American response to French, British, and American Indian policies.

A311 Survey of American Indians II (3 cr.) Native American-white relations from the Civil War through 1980s. Focus on Native American attempts to defend their homelands in the American West, establishment of Indian reservations in the late nineteenth century. Impact of the Dawes and Wheeler-Howard Acts, emergence of the Native American church, urbanization of Native Americans in the twentieth century.

E105 Culture and Society (3 cr.) Introduction to the comparative study of contemporary human cultures and social processes that influence behavior. Not sequential with A105. Credit given for only one of the following: A104, A304, E105, or E303.

E320 Indians of North America (3 cr.) P: E105, E200, E303, or E305. Ethnographic survey of cultural areas from the Arctic to Panama, plus cross-cultural analysis of interrelations of culture, geographical environment, and language families.

P200: Introduction to Prehistoric Archaeology (3 cr.) Introduction to archaeology and world prehistory. Concentrates on the history, methods, and theory of American anthropological archaeology and is designed to answer some of the basic questions that many people have about world prehistory. No prerequisite required.

P361 Prehistory of the Midwestern U.S. (3 cr.) Survey of the prehistory of Midcontinental North America, beginning with humans' entry into the New World and concluding with the European invasion. Covering the major cultural periods defined for Eastern Woodlands prehistory—Paleo-Indian, Archaic, Woodland, and Mississippian—as well as the socio-cultural attributes by which each is defined. No prerequisite required.

Criminal Justice Courses (SPEA)

J101 The American Criminal Justice System (3 cr.) Introduction to the criminal justice system of the United States and its function in contemporary society.

J201 Theoretical Foundations of Criminal Justice Policies (3 cr.) This course examines the impact of sociological, biological, and economic theories of crime and the practice of criminal justice. Focus is upon the nature and importance of theory, context of theoretical developments, methods for the critical analysis of theoretical developments, and policy implications of the varying perspectives considered.

J202 Criminal Justice Data, Methods, and Resources (3 cr.) P: SPEA J101. This course examines basic concepts of criminal justice. Students become familiar with research techniques necessary for systematic analysis of the criminal justice system, offender behavior, crime trends, and program effectiveness. Students will learn to critically evaluate existing research. Students will become familiar with existing sources of criminal justice data and will learn to assess the quality of that data.

J301 Substantive Criminal Law (3 cr.) The development, limitations, and application of substantive criminal law utilizing the case study method.

J305 The Juvenile Justice System (3 cr.) Current developments in the legal, administrative, and operational aspects of the juvenile justice system.

J306 The Criminal Courts (3 cr.) P: SPEA J101. R: SPEA J201 and J202. This course examines the characteristics and operations of criminal trial courts. The course will focus on how defendants are processed through trial courts, the roles of various participants, and the potential for reform.

J310 Introduction to Administrative Processes (3 cr.) P: SPEA J101. Introduction to principles of management and systems theory for the administration and criminal justice agencies. Credit not given for both SPEA J310 and V270.
J321 Introduction to American Law Enforcement (3 cr.) A broadly based study of the operations and interrelationships of the American policy system, including discussion of the limitations of the policy function, interjurisdictional matters, and intra-agency processes.

J331 Introduction to Corrections (3 cr.) A survey of contemporary correctional systems, including analysis of federal, state, and local corrections, adult and juvenile facilities and programs, probation and parole.

J439 Crime and Public Policy (3 cr.) P: SPEAJ 101. A detailed examination of the major efforts designed to control or reduce crime. A review of existing knowledge is followed by an investigation of current crime control theories, proposals, and programs.

V170 Introduction to Public Affairs (3 cr.) Broad coverage of public affairs through critical and analytical inquiry into policy making at national and international levels of government. Particular emphasis on intergovernmental relations as they affect policy in the federal system.

History (HIST)

Introductory Courses
E100 Introduction to African History (3 cr.) Survey of selected historical issues and problems. Topics will vary from semester to semester but will be broad subjects that cut across fields, regions, and periods.

F100 Issues in Latin American History: Introduction (3 cr.) The coming together of the three races in the New World; the construction of a social, political, and economic order; the resilience and/or fragility of the social, political, and economic order in modern times.

G100 Introduction in Asian History (3 cr.) Study and analysis of selected historical issues and problems in Asian societies; especially important are their political institutions, economic development, ideological and religious foundations, and social changes.

H101 The World in the Twentieth Century (3 cr.) Survey of major global events and developments in the twentieth century: imperialism, World War I, Russian and Chinese revolutions, Great Depression, World War II, cold war, emergence of Third World, contemporary life.

H103 Europe: Renaissance to Napoleon (3 cr.) Major developments in European thought during the Renaissance, the Reformation, the scientific revolution, and the Enlightenment; traditional politics, economy, and society and their transformation by enlightened despotism, the French Revolution, and Napoleon.

H104 Europe: Napoleon to the Present (3 cr.) The development of European society from the downfall of Napoleon in 1815 to the present. The impact of the industrial revolution; the rise of the middle class; liberalism, Marxism, and mass politics; nationalism and international communism and fascism.

H105-H106 American History: General Course I-II (3-3 cr.) I: Colonial period, the Revolution, the Confederation and Constitution, the National period to 1865. II: 1865 to present. Political history, with economic, social, cultural, and intellectual history interwoven. Introduction to historical literature, source material, and criticism.

Advanced Courses
A301-A302 Colonial and Revolutionary America I-II (3-3 cr.) P: H105-H106 or consent of instructor. European background of American history; discovery and exploration of New World by Spain, France, and England; colonization: motives, causes, and types; social and intellectual developments in English colonies in seventeenth and eighteenth centuries; birth of the Republic, 1763-1789.

A303-A304 United States 1789-1865 I-II (3-3 cr.) P: H105 or consent of instructor. The young republic from Washington’s presidency through the Civil War. Political, economic, and social conditions and changes. Hamiltonian Federalists and Jeffersonian Republicans, the Jacksonian era, the slavery conflict, and the crisis of the Union.

A310-A311 Survey of American Indians I-II (3-3cr.) I: The Native American experience from the pre-Columbian period through American Civil War. Course will focus on Native American cultural patterns, and the Native American response to French, British, and American Indian policies. II: Native American-white relations from Civil War through 1990’s. Focus on Native American attempts to defend their homelands in American West, establishment of Indian reservations in late-nineteenth century, impact of U.S. government policies, urbanization of Native Americans in twentieth century.
A313 Origins of Modern America (3 cr.) P: H106 or consent of instructor. United States political, social, economic, and cultural history from 1865 to 1919. Reconstruction, the Gilded Age, the Progressive Era, World War I.

A314-A315 Recent United States History I-II (3-3 cr.) P: H106 or consent of instructor. I: 1919-1945: The twenties, the Great Depression and New Deal, World War II; II: 1945-present: Cold War, Vietnam War, problems of contemporary America.

A317 American Social History, 1865-Present (3 cr.) P: H106 or consent of instructor. Development of modern American intellectual and social patterns since 1880. Social thought, literature, science, the arts, religion, morals, education.

A345-A346 American Diplomatic History I-II (3-3 cr.) P: H105-H106 or consent of instructor. I. American diplomacy from 1775 to 1823; diplomacy of American continental expansion to 1898. II. America as a world power. Involvement in world affairs after 1898; diplomacy of World Wars I and II; Cold War and background of contemporary foreign policy issues.

A347 Cities and Urbanization in American History (3 cr.) P: 6 credit hours in American history or consent of instructor. Development of cities and process of urbanization in United States history.

A348 Civil War and Reconstruction (3 cr.) The origins, course, and consequences of the American Civil War.

A353-A354 American Economic History I and II (3-3 cr.) Historical development of the American economy; bases of colonial and early national economic growth and development agricultural specialization and conflict; transportation revolutions, the process of industrialization; urban growth; the rise of big business and government regulations; labor organization; the effects of war and depression. I. to 1860. II. Since 1860.

A363 Survey of Indiana History (3 cr.) P: H105-H106. A survey of Indiana history and culture from the original inhabitants to recent times with emphasis on the growth of a distinctive Hoosier culture. Examination of Hoosier culture within the context of small-town America and mid-America, with attention to journalism and education.

B356 French Revolution and Napoleon (3 cr.) P: H103 or consent of instructor. Crisis of Old Regime; middle class and popular revolt; from constitutional monarchy to Jacobin commonwealth; the Reign of Terror and revolutionary government; expansion of revolution in Europe; rise and fall of Napoleonic empire.

B359-B360 Europe from Napoleon to the First World War I-II (3-3 cr.) P: H103-H104 or consent of instructor. Vienna settlement and period of reaction in Europe; liberalism and nationalism; revolutions; industrial revolution, capitalism; socialist movement; unification of Italy and Germany; clericalism and anticlericalism; struggles for political democracy; social legislation; imperialism, nationalist rivalries, and background of World War I.

B361-B362 Europe in the Twentieth Century I-II (3-3 cr.) P: H104 or consent of instructor. Diplomatic, economic, intellectual, military, political, and social developments within Europe from World War I to the present; changing relationships between Europe and other parts of the world.

B377-B378 History of Germany since 1648 I-II (3-3 cr.) P: H103-H104 or consent of instructor. Political, economic, and cultural state of Germany in 1648; growth of absolutist dynasties, especially Hapsburg and Hohenzollern; economic and cultural development under absolutism; impact of French Revolution; struggles between reaction and liberalization; unification; industrialization; imperialism; international friction; internal political conflicts; World War I; Weimar Republic; Hitler regime; problems since 1945.

C395 Film and Society (3 cr.) A study of the history and culture of Asian societies using Asian-made movies and visual images.

D308 Empire of the Tsars (3 cr.) P: H104 or consent of instructor. Political, religious, intellectual, economic, and diplomatic development of Russia as a European and Asian state from the reign of Alexander I to World War I. Emphasis on cultural history and conflict between established and revolutionary views.

D310 Russian Revolutions and the Soviet Regime (3 cr.) P: H104 or consent of instructor. Russia on the eve of World War I; revolutions that have swept Russia; principal developments in government, economy, cultural and social life, and international policy under the Communist regime; expansion and contraction of Russian and Communist power; collapse of the Soviet Union.
D317 Russian Foreign Policy in the Nineteenth Century (3 cr.) P: H104 or consent of instructor. Napoleonic period; Russian reaction to liberal and national revolutionary movements; Eastern Question and rivalry with Britain, expansion in Central Asia and the Far East; unification movements in central and southeastern Europe.

D318 Russian and Soviet Foreign Policy in the Twentieth Century (3 cr.) P: H104 or consent of instructor. Expansion and war in the Far East; World War I and revolution; international communism; interwar problems in Europe and Asia; World War II, postwar relations with China, United States, and Eastern Europe, destruction of the Soviet empire and collapse of the Soviet Union.

F341 Latin America: Conquest and Empire (3 cr.) The construction of this new world; Spanish, Indian and African backgrounds, discovery, conquest and settlement; the political, economic and social structure of colonial Latin America.

F342 Latin America: Evolution and Revolution (3 cr.) The construction of nation-state foreign relations; ethnic and racial diversities, city-country balances; role of religion; sources of political authority; immigrant populations; role of elites; popular movements.

F416 History of Slavery in the Americas (3 cr.) Slavery in the New World is explored by comparing its forms in North America and in the Caribbean and South America. Special attention is paid to the mechanisms by which slaves were held in slavery and the adaptation and accommodations that were made by both masters and slaves.

F432 Upheaval in 20th-Century Latin America (3 cr.) An examination of continuities in the Latin American social system and the challenges and modifications it has experienced.

G200 America's Wars in Asia (3 cr.) Examines wars fought by Americans in Asia in the past century, from the "Filipino Insurrection" to the Vietnam War. Topics include America's interests in Asia, the methods by which America pursued its interests, and the ways in which Asian peoples responded to America's involvement in the area.

G367 History of Japan 1 (3 cr.) Japanese history from the earliest times to the Tokugawa period. Formation of Japanese civilization, feudal society, rise of shogun and daimyo, state building, foreign relations, religion, intellectual and cultural developments.

G368 History of Japan 2 (3 cr.) Japanese history from the mid-nineteenth century to the present. Isolation, expansion, response to the West, modernization, militarism, defeat and revival after 1945, the economic miracle, social changes.

G385 Modern China (3 cr.) From the decline of the last empire to the establishment of the People’s Republic of China, modern China struggled with many issues, such as traditionalism, nationalism, imperialism, Republicanism, and Communism.

G387 Contemporary China (3 cr.) Focusing on the People’s Republic of China, this course will illustrate the triumphs and failures of the communist regime, investigate the causes, and explain the direction that China is taking. The course will also cover Chinese society in Hong Kong and Taiwan.

G461 China: The Age of Glory and the Decline of the Empires (3 cr.) Chinese history from the earliest time to the nineteenth century. Prehistoric times, Neolithic age, from the first dynasty (Qin) to the last one (Qing). Economic, social, and political developments.

H201 Russian Civilization I (3 cr.) From the earliest times to Peter the Great. Christianization of the Russian people, Kievan Rus; the Mongol conquest; the Grand Dukes of Muscovy; Ivan the Terrible; Time of Troubles; Romanov dynasty.

H202 Russian Civilization II (3 cr.) From Peter the Great to the present era. Peter the Great, Catherine the Great, Russian expansion; emancipation of the serfs; Westernization; industrialization; Russian revolutions; Stalin; Cold War; collapse of the Soviet Union.

H205 Ancient Civilization (3 cr.) Political, cultural, and economic development of ancient Near East, Greece, and Rome from the Bronze Age to the end of the Classical Period.

H206 Medieval Civilization (3 cr.) European institutions, and social and intellectual history from late Roman Empire to Renaissance. Greco-Roman legacy, Christian institutions, Byzantine and Islamic influences, town revival and trade, rise of universities, emergence of national states and literatures.
H207 Modern East Asian Civilization (3 cr.) R: G100. Focus on China, Japan, and Korea in the twentieth century. Explores both the history of each individual country and the experiences shared by all three. Traditional values challenged by modernism, interactions with the West, domestic strife.

H208 American-East Asian Relations (3 cr.) Interaction of the United States and East Asia from the founding of the republic to the present. First contacts, growing economic ties, political considerations, U.S. occupation of the Philippines, role of the U.S. military, growing tensions during the 1920s and 1930s, World War II, East Asia during the Cold War, growing interdependency between East and West in modern times.

H214 Comparative Women's History (3 cr.) An examination and comparison of the history of women in different regions of the world, addressing universal issues and issues specific to regions. The course traces the social, economic, and political roles of women from the pre-modern past to the transformations of the twentieth century. Topics include work, home, education, sexual patterns, and gender relations.

H218 History of Motion Pictures (3 cr.) History of English-language films from the silent era to the modern period. Attention is paid to directors and producers, actors and dialogue, and to the evolution of film technology.

H220 American Military History (3 cr.) R: H105-H106. From settlement of colonies to present. European background; colonial militia; American Revolution, Indian wars; Civil War; principal foreign wars and their strategic objectives. Technological changes and effect of military on American society. Army is emphasized, with some attention to navy, marines, and air force.

H225 Special Topics in History: The Historian’s Craft (1 cr.) To be taken within a year of student’s declaring a history major. Introduction to the skills and methodology of analysis, research, writing, and oral communication within the discipline of history.

H226 Origins and History of the Cold War (3 cr.) Study and analysis of the ideological and geopolitical factors underlying the conflict; the Stalin years; peaceful coexistence; Cuban missile crisis; Vietnam, detente; Gorbachev and Reagan; collapse of Soviet Union.

H231 The Family in History (3 cr.) An examination and comparison of the history of the family in different regions of the world. The course traces changes in family life, addressing the family not only as an instrument of socialization and affiliation but also as an economic and political institution.

H233 Sports in History (3 cr.) Examines the historical conditions in which sports have developed from ancient to contemporary times, with particular emphasis on modern American society and sport.

H260 History of Women in the United States (3 cr.) The experience of women in the United States from 1607 through the twentieth century. Focus on changing roles in the family, workplace, and public arena, and on women’s changing cultural identities.

H373 History of Science and Technology (3 cr.) Survey of the intellectual and institutional development of science and technology in the United States from colonial times to 1865, with special emphasis on the relationship between science and technology, the role of technology in early American economic growth, and the inevitability and desirability of technological change.

H411 Historical Editing (3 cr.) P: 6 credit hours in history or consent of instructor. Study and analysis of historical writing; editing documents and visual material; process of publishing historical works.

H412 Historic Preservation (3 cr.) History of building and decorating techniques; study of politics and economics of historic preservation; processes of renovating or restoring historic buildings; techniques of adaptive reuse of historic buildings.

H425 Topics in History: Oral History (3 cr.) Survey of the theory, techniques and applications of oral history. Particular emphasis will be placed on the collection and transcription of oral recollections in the study of local history.

J495 Proseminar in History (3 cr.) P: Consent of instructor. Selected topics of history. May be taken three times.

K495 Readings in History (1-3 cr.) P: Written consent of the instructor. Selected topics; may be repeated up to a maximum of 6 credit hours when topics vary.

T325 Topics in History: An Age of Revolution (3 cr.) Comparative survey of the English, American, and French Revolutions. Focus on the ideological, political and social origins of revolution, commonalities, and differences;
the relationships between the Revolutions; and the ideological, social, and political consequences of the
Revolutions.

**T325 Topics in History: The Cold War—Americans in Asia (3 cr.)** Focusing on the origins and tracing the
development of the cold war in the Asian context where Americans were deeply involved. Topics include the
Pacific theater of World War II, America's efforts in reconstruction of China and Japan after the war, the
involvement of the Korean and Vietnam War, and its long-lasting antagonism with China.

**T325 Topics in History: Immigrant Groups in the United States (3 cr.)** Topics include immigrants’ cultural
background, attitudes and policy of the United States towards immigration, and the experience of immigrants in
the United States.

**International Studies (INTN)**

**Y371 Workshop in International Topics (1-3 cr.)** P: Written consent of the instructor, junior or senior standing.
Capstone project or seminar dealing with a topic in an international context. May be repeated for credit if topic
varies.

**Journalism (JOUR)**

**C200 Introduction to Mass Communication (3 cr.)** Survey of the functions, responsibilities, and influences of the
various media of mass communication. Directed toward the consumer and critic of mass media.

**J200 Reporting, Writing and Editing I (3 cr.)** Working seminar stressing the creation of journalistic stories for
diverse audiences. Students will learn to develop story ideas, gather information, combine visual and verbal
messages, and to write and edit news.

**J201 Reporting, Writing and Editing II (3 cr.)** P: J200. Working seminar focused on the strengthening of basic
journalism skills, including in-depth reporting, editing, and multimedia presentations. Creativity, cooperation,
and critical thinking are used to shape effective messages for diverse audiences.

**J210 Visual Communication (3 cr.)** Theories of visual communication including human perception and
principles of design. Application of those theories to photography, computer graphics, photo editing, and page
design in news communication.

**J280 Seminar in Journalism Ethics (3 cr.)** Examines the ethical dilemmas that confront today’s journalists and
provides a framework for decision making.

**J290 Internship in Journalism (3 cr.)** P: J200 (may be waived). Work as staff member on the campus newspaper.
Reporting and writing, headline writing, desktop publishing, photography, and advertising sales. Journalism
majors must satisfactorily complete two semesters of this course with a total of 6 hours of credit.

**J300 Communications Law (3 cr.)** History and philosophy of laws pertaining to free press and free speech.
Topics include trademark and copyright law, libel, censorship, obscenity, right of privacy, government
regulations, and business law affecting media operations.

**J320 Principles of Creative Advertising (3 cr.)** Analysis of strategy employed in developing creative advertising,
with emphasis on the role of the copywriter. Research, media, legal aspects, ethical standards as they apply to the
copywriting functions. Place of the creative function within the advertising agency and the retail business.

**J344 Photojournalism Reporting (3 cr.)** For journalism majors, but nonmajors may register if space is available.
The course will survey photographic techniques, including subject selection, composition and framing, lens and
filter use, and darkroom procedures.

**J351 Newspaper Editing (3 cr.)** P: J200. Workshop in fundamentals of editing newspapers, with emphasis on
news judgment, fairness, accuracy, editorial balance, and language usage. Practice in writing news summaries,
editing copy, writing headlines, laying out pages, and using computer editing technology.

**J354 Photojournalism Editing (3 cr.)** Workshop on the role and function of the print media editor. Theory and
practice of picture editing skills, including assigning, selecting, cropping, writing captions, producing
informational graphics, designing photo pages, and editing by computer.

**J423 Public Opinion (3 cr.)** Behavioral study of nature, operation, molding, and influence of public opinion, with
practice in its measurement and evaluation. Discussion of major political, social, economic, and cultural
problems. Credit will not be given for both J423 and SOC S436 or POLS Y316.
J425 Supervision of School Publications (3 cr.) Lectures and discussion on designing, producing, and financing school newspapers and yearbooks. Practical exercises in journalistic writing, editing, layout, and photography.

Library and Information Science (SLIS)
L155 Information Resources in Journalism (1 cr.) Introduction to information sources and services of libraries. Training in use of computerized database systems as well as selection and use of other advanced reference sources.

Political Science (POLS)
Introductory Courses
Y103 Introduction to American Politics (3 cr.) Introduction to the nature of government and the dynamics of American politics. Origin and nature of the American federal system, its political party base, public policy, and law. Required for majors. Fall Sem., Spring Sem., Summer.

Y105 Introduction to Political Theory (3 cr.) Perennial problems of political philosophy, including relationships between rulers and ruled, nature of authority, social conflict, law and morality, economic issues, and democracy.

Y107 Introduction to Comparative Politics (3 cr.) Explores similarities and differences between political institutions and processes in political systems around the world. Usually covers Britain, Germany, Russia, China, Mexico, Nigeria, and Egypt. Ordinarily offered Fall Sem.

Y109 Introduction to International Politics (3 cr.) Causes of war, nature and attributes of the state, imperialism, international law, national sovereignty, arbitration, adjudication, international organizations, major international issues. Ordinarily offered Spring Sem.

Advanced Courses
Y200 Contemporary Political Problems (3 cr.) Extensive analysis of selected contemporary political problems. Topics vary from semester to semester and are listed in the Schedule of Classes. May be repeated once for credit. Offered as needed.

Y205 Elements of Political Analysis (3 cr.) An analysis of the major approaches to and techniques of the systematic study of political science. Professionally oriented. Required for majors. Ordinarily offered Spring Sem.

Y301 Political Parties and Interest Groups (3 cr.) R: Y103. Examination and evaluation of the behavior of political parties, voters, and interest groups and of other institutions and procedures by which Americans try to control their government.

Y302 Public Bureaucracy in Modern Society (3 cr.) Examines public bureaucracy as a political phenomenon engaging in policy making and in defining the terms of policy issues; places special emphasis on the United States. Considers the role of bureaucratic instruments in promoting social change, and in responding to it. Ordinarily offered Spring Sem.

Y303 Formation of Public Policy in the United States (3 cr.) R: Y103. Processes and institutions involved in formation of public policy in a democratic society, with emphasis on American experience. Ordinarily offered Spring Sem., even years.


Y305 Judicial Process and American Constitutional Law II (3 cr.) R: Y103. Nature and function of law and the American court system; selected Supreme Court decisions interpreting the American constitutional system. Emphasis on federalism and separation of powers.

Y306 State Politics in the United States (3 cr.) R: Y103. Comparative study of politics in the American states. Special emphasis on the impact of political culture, party systems, legislatures, and bureaucracies on public policies. Ordinarily offered Spring Sem., odd years.

Y307 Indiana State Government and Politics (3 cr.) R: Y103. Interactive video course originating from the statehouse in Indianapolis. Offered occasionally in the Spring Sem.

Y308 Urban Politics (3 cr.) Political behavior in modern American communities; emphasizing the impact of municipal organizations, city officials and bureaucracies, social and economic notables, political parties, interest
groups, the general public, and protest organizations on urban policy outcomes. Ordinarily offered Fall Sem.,
even years.

Y316 Public Opinion and Political Participation (3 cr.) The nature of public opinion on major domestic and
foreign policy issues; mass political ideology; voting behavior and other forms of political participation; political
culture; the impact of public opinion on political systems. (Credit not given for this and SOC S436 or JOUR J423.)

Y319 The United States Congress (3 cr.) Evaluation and development of the contemporary Congress. Examines
such topics as electoral process, organizational structures and procedures of the Senate and House of
Representatives, involvement of Congress with other policy-making centers, law-making and oversight activities
of the national legislature.

Y322 The American Presidency (3 cr.) Examination of the office of the chief executive, including recruitment
powers, cabinet relations, and congressional relations.

Y323 Legislative Behavior (3 cr.) Examination of legislative behavior at the state and Congressional levels. May
also refer to legislative practices in local and foreign governments. Topics may include elections, committees,
oversight, staffing, and relations with the executive and with interest groups.

Y324 Women and Politics (3 cr.) Analysis of women in contemporary political systems, domestic or foreign, with
emphasis on political roles, participation, and public policy. Normative and/or empirical examination of how
political systems affect women and the impact women have on the system(s). Ordinarily offered Fall Sem., odd
years.

Y330 Comparative Political Analysis (3 cr.) Problems and methods of comparative political analysis;
introduction to comparative survey research, aggregate data analysis in the study of political systems, problems
of categorizing political systems; time series and cross-sectional analysis.

Y331 British Politics (3 cr.) Governmental structure and political behavior of contemporary Britain, with
emphasis on process and policies.

Y334 Japanese Politics (3 cr.) Political development of Japan, with emphasis on changing attitudes toward
modernization; cultural and sociological factors affecting the functioning of contemporary political institutions;
and the implication of Japanese experience in modernization of other developing societies.

Y335 West European Politics (3 cr.) R: Y107. Examines different political systems in Western Europe. Highlights
democratic alternatives in institutions and processes of liberal democracies. Ordinarily offered Fall Sem., even
years.

Y337 Latin American Politics (3 cr.) R: Y107 and Y109. Analysis of political change in major Latin American
countries, emphasizing alternative explanations of national development; brief historical overview with
examination of the impact of political culture, the military, labor, political parties, peasant movements, the
Catholic Church, multinational corporations, and the United States on politics and the study of public policy
processes in democratic and authoritarian regimes.

Y343 Developmental Problems in the Third World (3 cr.) R: Y107 and Y109. Study of economic, political, and
social change in the developing countries. Emphasis placed on the relationship between economic
growth/development and political development, the causes of political instability, and the problems of
democracy in the developing countries.

Y349 Comparative Public Policy (3 cr.) R: Y107. Investigates public policies and policy-making among advanced
industrial democracies from a comparative perspective. Usually covers policy areas such as immigration, health
care, education, and taxation. Ordinarily offered Spring Sem., even years.

Y350 Politics of the European Union (3 cr.) R: Y107. Explores the politics, policies, and processes of European
integration–forces that are creating the “New Europe” of the European Union. Ordinarily offered Spring Sem.,
odd years.

Y351 Political Simulations (1 cr.) A course tied to simulations of international organizations such as the United
Nations, the League of Arab States, the European Union, or the Organization of American States. May be taken
alone or in conjunction with related political science courses. May be repeated for credit, for a maximum of 3
credit hours. May be taken only with permission of instructor.
Y354 Ethnicity and Nationalism in Contemporary Europe (3 cr.) R: Y107 and/or Y109. Examines the politics surrounding ethnicity, ethnic minorities, and nationalism in Europe. Covers both indigenous and immigrant groups. Ordinarily offered Fall Sem., odd years.

Y360 United States Foreign Policy (3 cr.) R: Y103 and Y109. Study of the foreign policy decision-making process and a brief overview of the following: U.S. relations with the former Soviet Union, Europe, East Asia, Latin America, Middle East, and Africa; international economic policy of the United States; and the role of ethics and morals in foreign policy.

Y366 Current Foreign Policy Problems (3 cr.) R: Y103 and Y109. Study of current problems or topics in United States foreign policy. Possible topics include U.S.-Latin American relations, U.S.-Russian relations, and international terrorism. See instructor for topic.

Y374 American Political Ideas (3 cr.) R: Y105. Study of the development of American political thought from colonial times to the contemporary period. This course will explore such topics as the nature and evolution of American liberalism, capitalism, and egalitarianism.

Y376 International Political Economy (3 cr.) R: Y109. Study of how the international political system determines the nature of international economic relations. Focus is on the following: (1) trade and monetary regimes, and (2) the role of multinational corporations. Both the Western and the North-South systems are studied.

Y384 Problems of Contemporary Political Philosophy (3 cr.) R: Y105. An extensive study of one or more great philosophical thinkers, movements, or problems. Subject will vary with instructor and year. Current information may be obtained from the Department of Political Science.

Y392 Public Policy Analysis (3 cr.) R: Y103. Place of theory and method in examining public policies in relation to programs, institutional arrangements, and constitutional problems, with particular reference to American political experience. Ordinarily offered Spring Sem., even years.

Y398 Internships in Urban Institutions (1-3 cr.) Instructor’s permission required.

Y401 Studies in Political Science (3 cr.) Topic varies with the instructor and year. Consult the Schedule of Classes for current information. May be repeated once for credit.

Y402 Politics of the Budgetary Process (3 cr.) R: Y302. Examines the interactions among the legislative, executive and administrative aspects of the budgetary process in national, state, and local governments. Emphasis placed on the politics of the budgetary process, especially at the state and local levels. Ordinarily offered Spring Sem., odd years.

Y403 Legal Issues in Public Bureaucracy (3 cr.) R: Y302. Examines the legal framework of public bureaucracies, their powers, functions and roles. Analysis of relevant cases in which basic principles are identified and synthesized along with other elements of public law. Ordinarily offered Fall Sem., even years.

Y404 Political Issues in Public Personnel Administration (3 cr.) R: Y302. Examines the political framework in which public agencies hire, train, motivate, promote, and discipline their employees. Also examines the historical legal development of public personnel management. Ordinarily offered Spring Sem., even years.

Y480 Undergraduate Readings in Political Science (6 cr. max.) Individual readings and research. May be taken only with written consent of instructor and program coordinator.

Y481 Field Experience in Political Science (1-6 cr.) P: Junior or senior standing, 15 credit hours of political science, and project approved by instructor. Faculty-directed study of aspects of the political process based on field experience. Directed readings, field research, and research papers. Certain internship experiences may require research skills. May be repeated for a maximum of 6 credit hours.

Y482 Practicum (1-6 cr.) P: Junior or senior standing, approval of the dean and Office of Professional Practice Programs. Designed to provide opportunities for students to receive credit for selected career-related work.

Y490 Senior Seminar in Political Science (3 cr.) P: Senior standing, Y103, and Y205. Readings and discussion of selected problems; research paper usually required. Seminar divided into sections to allow students to select an area of study. May be repeated once for credit. Required for majors. Ordinarily offered Fall Sem.

Y499 Reading for Honors (12 cr. max.) P: Approval of instructor.
Professional Practices in Social Sciences

P392 Professional Practices: Social and Behavioral Sciences (3-6 cr.)

Psychology (PSY)

Introductory Courses

P101 Introductory Psychology I (3 cr.) Introduction to psychology; methods, data, and theoretical interpretation of psychology in the areas of learning, sensory psychology, and psychophysiology.

P102 Introductory Psychology II (3 cr.) Continuation of P101. Individual differences; personality; developmental, abnormal, and social psychology.

Advanced Courses

B310 Life-Span Development (3 cr.) P: 3 credit hours in psychology. This course emphasizes a life-span perspective of physical, motor, intellectual, cognitive, language, social, and personality development. Commonalities across the lifespan as well as differences among various segments of the lifespan are examined. Theory and research are equally stressed.

B328 Careers in Human Services (3 cr.) P: P101, P102 or consent of instructor. Addresses practice and policy issues in specific fields of practice such as child and family, aging, addictions, and developmental disabilities.

B334 Perception (3 cr.) P: 6 credit hours in psychology. This course focuses on the study of hearing, smell, taste, and motor coordination, as well as topics fundamental to an understanding of sensory and perceptual processes.

B354 Adult Development and Aging (3 cr.) P: B310 or consent of instructor. The course content examines changes that occur with age in the following areas: intelligence, memory, personality, sexuality, health, living environments, economics, developmental disorders, and treatment for developmental disorders.

B366 Introduction to Organizational Psychology (3 cr.) P: 3 credit hours in psychology or consent of instructor. The design and application of psychological analysis and research methods to address personnel issues including recruitment, selection, placement, training and development, compensation, evaluation, and safety. Emphasis on interviewing skills, research methods, performance analysis and improvement, ergonomic solutions, and legal issues.

B368 Introduction to Personnel Psychology in Business and Industry (3 cr.) P: 3 credit hours in psychology or consent of instructor. Psychological methods in personnel recruitment, selection, placement, evaluation, and training. Emphasis on research methods, issues in psychological measurement, performance measurement, testing, interviewing, personnel decisions, and legal issues.

B378 Introduction to Industrial Psychology (3 cr.) P: 3 credit hours in psychology or consent of instructor. The study and application of psychological principles to understand human behavior in the work setting. Emphasis on the role of psychological theory and research methodology in solving human behavior problems in the workplace. Specific areas of coverage include work motivation, job satisfaction, employee involvement, communication, leadership, team effectiveness, work and well-being, organizational structure and culture.

B386 Introduction to Counseling (3 cr.) P: P324. The course is a general overview of the challenges therapists experience in the psychotherapeutic process from first session to termination. Students should gain an understanding of the therapeutic skills clinicians need, potential issues and pitfalls, and develop a cohesive understanding of the content of therapy.

B388 Human Sexuality (3 cr.) P: P101 and P102. This course presents a biopsychosocial model of sexual function and dysfunction. Factors influencing sexual functioning such as chronic illness, substance abuse, and fear of AIDS are explored. Sexual paraphilias will also be discussed.

B452 Seminar in Psychology (3 cr.) P: Senior status, completion of P211, and consent of the instructor. Topics in psychology and interdisciplinary applications. May be repeated provided different topics are studied. Ordinarily offered Fall Sem. and Spring Sem.

P211 Methods of Experimental Psychology (3 cr.) P: P101, P102, and ENG W131 and two years of high school algebra or MATH A118 or M118. Design and execution of simple experiments, treatment of results, search of the literature, and preparation of experimental reports. Ordinarily not offered in summer.
P220 Introduction to Brain and Behavior (3 cr.) Introductory discussion of basic human neuroanatomy and simple brain behavior relationships. Emphasis is on gaining an elemental understanding of the basic structure of the human brain from a neurobehavioral perspective. Assumption is that students will have little if any forehand knowledge of human neuroanatomy or the behavior that specific brain areas support.

P234 Principles of Mental Health (3 cr.) P: 3 credit hours of psychology. Development and maintenance of mental health by application of psychological and psychiatric principles of normal human behavior.

P301 Psychology and Human Problems (3 cr.) P: Junior standing. Contemporary human problems considered from a psychological perspective. Representative topics include stress, creativity, environmental impact, behavior control, volunteerism, and drug usage.

P303 Health Psychology (3 cr.) P: 6 credit hours in psychology. Introductory course outlining contributions of psychology to the promotion and maintenance of health and prevention and treatment of illness. Special emphasis on clinical techniques used by psychologists to confront heart disease, cancer, and AIDS.

P316 Psychology of Childhood and Adolescence (3 cr.) P: B310 or consent of instructor. Development of behavior in infancy, childhood, and youth; factors that influence behavior.

P317 Cognitive Development in Childhood and Adolescence (3 cr.) P: P101 and P102. Intellectual development in infancy, childhood, and youth. Emphasis will be on language acquisition, the work of Piaget, and current experimental research.

P319 Psychology of Personality (3 cr.) P: 6 credit hours in psychology. R: P102. Methods and results of scientific study of personality. Basic concepts of personality traits and their measurement; developmental influences; problems of integration.

P320 Social Psychology (3 cr.) P: P101, P102. Principles of scientific psychology applied to the individual in a social situation.

P321 Group Dynamics (3 cr.) P: 6 credit hours in psychology. Exposes the student to interpersonal processes inherent in group settings. Topics may include group psychotherapy, social factors in groups, group decision making or group violence. Particular focus of course may vary with instructor.

P322 Psychology in the Courtroom (3 cr.) P: P101, P102 or consent of instructor. This course considers the psychological aspects of roles and interactions in the courtroom. Topics include: definitions of “sanity” and “competency,” eyewitness testimony, jury selection, psychological autopsies, and the psychologist as “expert witness.”

P324 Abnormal Psychology (3 cr.) P: 6 credit hours in psychology. R: P102. A first course in abnormal psychology; forms of abnormal behavior, etiology, development, interpretations, and final manifestations.

P325 Psychology of Learning (3 cr.) P: 6 credit hours in psychology. Facts and principles of human and animal learning, especially as treated in theories that provide a general framework for understanding what learning is and how it takes place.

P326 Behavioral Neuroscience (3 cr.) P: P101. R: BIOL L100 or L105. An examination of the cellular bases of behavior, emphasizing contemporary views and approaches to the study of the nervous system. Neural structure, function, and organization are considered in relation to sensory and motor function, motivation, learning, and other basic behaviors.

P327 Psychology of Motivation (3 cr.) P: 6 credit hours in psychology. How needs, desires, and incentives influence behavior; research on motivational processes in human and animal behavior, including ways in which motives change and develop.

P329 Sensation and Perception (3 cr.) P: 6 credit hours in psychology. This course focuses on the study of vision, touch, temperature, and pain, as well as topics fundamental to an understanding of sensory and perceptual processes.

P335 Cognitive Psychology (3 cr.) P: 6 credit hours in psychology. Introduction to human cognitive processes, including attention and perception, memory, psycholinguistics, problem solving, and thinking.

P336 Psychological Tests and Individual Differences (3 cr.) P: MATH K300, or consent of instructor. Principles of psychological testing. Representative tests and their uses for evaluation and prediction. Emphasis on concepts of reliability, validity, standardization, norms, and item analysis.
P354 Statistical Analysis in Psychology (3 cr.) P: P101, P102, and K300. Use of statistics in psychological work, including multivariate statistical methods. Understanding of statistics as they are presented in the psychological literature. Use of computer statistical software package to analyze psychological data.

P402 Honors Seminar (3 cr.) P: Consent of instructor. Students may enroll in one of several seminars led by various instructors. May be repeated twice with different topics.

P407 Drugs and the Nervous System (3 cr.) P: 6 credit hours in psychology. Introduction to the major psychoactive drugs and how they act upon the brain to influence behavior. Discussion of the role of drugs as therapeutic agents for various clinical disorders and as probes to provide insight into brain function.

P408 Brain and Cognition (3 cr.) P: P326. Discussion of the brain systems involved in cognition and perception. Emphasis upon understanding the anatomy and function of cerebral cortex. Consideration of neural models of brain function.

P409 Neural Bases of Sensation and Movement (3 cr.) Detailed description of the neural systems responsible for vision, hearing, touch, movement, and the sensory-motor integration required for behavior.

P415 Behavioral Economics and Regulation (3 cr.) P: P325 or P327 or consent of instructor. R: E103. Advanced treatment of basic concepts of microeconomics in relation to psychological theory and experimentation; special emphasis on regulatory models, behavioral and psychological, as well as the psychology of choice and decision.

P417 Animal Behavior (3 cr.) P: P102. Methods, findings, and interpretations of recent investigations of animal behavior, including ethological studies.

P418 Behavior Genetics (3 cr.) P: P101 and P102, or consent of the instructor. Broad overview of the application of genetic methods to the study of human behavior. Emphasis is placed upon the use of family, twin, and adoption studies to address psychologically relevant questions concerning the nature and etiology of individual differences in behavior. No prior knowledge of genetics is assumed.

P423 Human Psychobiology (3 cr.) P: P326 or equivalent. R: 15 credit hours in psychology. Biological variables in human behavior. Topics may include biochemical and genetic aspects of abnormal behavior, behavioral consequences of neurological disorders, psychophysiology of stress and disease, genetics of intelligence, psychobiology of development, brain mechanisms of cognitive processes.

P425 Behavioral Disorders of Childhood and Adolescence (3 cr.) P: P324. A survey of major behavior disorders, with emphasis on empirical research and clinical description relative to etiology, assessment, prognosis, and treatment.

P430 Behavior Modification (3 cr.) P: Junior standing and 9 credit hours in psychology. Principles, techniques, and applications of behavior modification, including reinforcement, aversive conditioning, observational learning, desensitization, self-control, and modification of cognitions.

P438 Language and Cognition (3 cr.) P: P335. This course surveys the major themes that characterize psycholinguistics. Emphasizes the mental processes that underlie ordinary language use, the tacit knowledge that native English speakers have of their language, and the processes by which children acquire language.

P440 Topics in Cognitive Psychology (3 cr.) P: P335. Seminar courses in current areas of research in cognitive psychology. Specific topic determined by instructor offering the course.

P442 Infant Development (3 cr.) P: B310 or consent of instructor. Surveys cognitive, socio-emotional, and perceptual-motor development during the first two years of life. Emphasis is on theory and research addressing fundamental questions about the developmental process, especially the biological bases for developmental change.

P450 Human Factors (3 cr.) P: P101 and P102 and consent of instructor. R: P335. Theories and data of experimental psychology applied to the problems of the interaction of people and technology in the workplace.

P457 Topics in Psychology (1-3 cr.) P: Junior or senior standing or consent of instructor. Studies in special topics not ordinarily covered in other department courses. Topics vary with instructor and semester. May be repeated for credit if topic differs.

P459 History and Systems of Psychology (3 cr.) P: P101 and P102, 6 additional credit hours in psychology. Historical background and critical evaluation of major theoretical systems of modern psychology: structuralism,

P460 Women: A Psychological Perspective (3 cr.) P: 9 credit hours in psychology. Basic data and theories about the development and maintenance of sex differences in behavior and personality.

P493 Supervised Research (1-3 cr.) P: P101 and P102, P211, and MATH K300. Active participation in research. An independent experiment of modest magnitude, participation in ongoing research in a single laboratory. May be repeated once.

P494 Supervised Research II (1-3 cr.) P: P493. A continuation of P493. Course will include a journal report of the two semesters of work. May be repeated once.

P495 Readings and Research in Psychology (S/F grading) (1-3 cr.) P: Written consent of instructor, junior or senior standing. May be repeated twice.

Public and Environmental Affairs (SPEA)

J301 Criminal Law (3 cr.) The development, limitations, and application of substantive criminal law, utilizing the case-study method.

Sociology (SOC)

Introductory Courses

S163 Social Problems (3 cr.) Major social problems in areas such as the family, religion, economic order; crime, mental disorders, civil rights; racial, ethnic, and international tensions. Relation to structure and values of larger society.

S216 American Ethnic Diversity (3 cr.) Themes discussed include Old World origins, current conditions, family, work, power, gender, and art. The approach is interdisciplinary. Readings are largely original accounts and include autobiographies, novels, and essays.

Advanced Courses

P320 Social Psychology (3 cr.) P: PSY P101, P102, SOC S163, or permission of the instructor. Principles of scientific psychology applied to the individual in a social situation.

R220 The Family (3 cr.) P: S163 or 3 credit hours of introductory sociology. The family as a major social institution and how it relates to the wider society. Formation of families through courtship, marriage, and sexual behavior; maintenance of families through childbearing and family interaction; and dissolution of families by divorce or death. Social change and the emergence of new familial patterns. Recommended for nonmajors.

R315 Sociology of Power (3 cr.) P: S163 or 3 credit hours of introductory sociology. Analysis of the nature and basis of political power on the macro level—the community, the national, and the international arenas. Study of formal and informal power structures and of the institutionalized and noninstitutionalized mechanisms of access to power.

R316 Sociology and Public Opinion (3 cr.) P: S163 or 3 credit hours of introductory sociology. Analysis of the formulation and operation of public opinion. Although the course may focus on all aspects of opinion and behavior (including marketing research, advertising, etc.), most semesters the course focuses on political opinion and behavior. Special attention will be given to two aspects of opinion in our society: its measurement through public opinion polls and the role of mass communication in manipulating public opinion. The distortions in the popular press’s reports of the results of survey research are considered in depth.

R320 Marital Relations and Sexuality (3 cr.) A functional analysis of courtship, alternative lifestyles, marriage, marital adjustment, and the basic issues of human sexuality with an emphasis on contemporary American society.

R356 Foundations of Social Theory (3 cr.) P: S163 or 3 credit hours of introductory sociology. Examination of the fundamental issues and perspectives in classical theories. Special focus will be on analysis of the major nineteenth-century theories that influenced later sociological thought.

R463 Inequality and Society (3 cr.) P: 6 credit hours in sociology. Presentation of conservative, liberal, and radical theories of class formation, class consciousness, social mobility, and consequences of class membership. Emphasis on the American class system, with some attention given to class systems in other societies.
R480 Sociology and Social Policy (3 cr.) P: S163 or 3 credit hours of introductory sociology. This course is a broad review of the increasing use of sociology in the formulation and implementation of social policy. Specific case studies will be examined. Recommended for students with an interest in medicine, law, education, social service, urban affairs, etc.

R481 Evaluation Research Methods (3 cr.) A comprehensive study of research techniques and practical applications in the evaluation of social programs. Recommended for students with an interest in social research concerning medicine, law, education, social service, urban affairs, etc.

R493 Practicum in Sociological Fieldwork (3 cr.) P: S163 or 3 credit hours of introductory sociology and R251, senior standing or consent of the instructor. Role of systematic observation as a sociological method. Training in fieldwork techniques and the application of sociological concepts to actual social situations. The core of this course will involve a supervised fieldwork research project in some area of social life.

R495 Topics in Sociology (3 cr.) P: Variable with topic. Exploration of a topic in sociology not covered by the regular curriculum but of interest to faculty and students in a particular semester. Topics to be announced.

S215 Social Change (3 cr.) Introduction to theoretical and empirical studies of social change. Explores issues such as modernization; rationalization; demographic, economic, and religious causes of change; and reform and revolution.

S250 Methods and Statistics I (3 cr.) P: Mathematics M014 or equivalent. R: 3 credit hour mathematics course approved for mathematics requirement. First semester of a two-semester course integrating methods of research and statistical analysis. Includes logic of scientific inference, theory construction, research design, and data collection. Credit given for only one of the following: S250; Criminal Justice P291; Economics, E270, S270; or Mathematics K300.

S251 Methods and Statistics II (3 cr.) P: S250. Second half of a one-year course integrating methods of research and statistical analysis. Includes logic of scientific inference, theory construction, research design, and data collection.

S260 Current Social Issues and Public Policy (3 cr.) P: 3 credit hours of sociology. Sociological aspects of current social issues and implications of existing and/or proposed public policies are explored. Consistency with related public policies are also addressed.

S300 Race and Ethnic Relations (3 cr.) P: 6 credit hours of sociology. Theoretical and conceptual issues relating to racial and ethnic minority and majority groups. Comparative analysis of themes, terms, concepts, and theories of multiethnic societies; case studies of inter-group relations in non-American societies, race and ethnic groups, and collective experiences and organization of social institutions.

S305 Population and Human Ecology (3 cr.) P: 6 credit hours in sociology. Population composition, fertility, mortality, natural increase, migration; history, growth, and change of populations; population theories and policies; techniques of manipulation and use of population data; the spatial organization of populations.

S307 Social Anthropology (3 cr.) P: 3 credit hours in sociology or anthropology. A critical examination of the relationships among cultures and social structures, with attention to classical and contemporary theories and methods.

S308 Introduction to Comparative Sociology (3 cr.) P: 6 credit hours in sociology. Introduction to methods of cross-cultural analysis; study of key theories derived from comparative analysis, with emphasis on determinants and consequences of industrialization.

S309 The Community (3 cr.) P: 6 credit hours in sociology. Urban, suburban, and rural communities, especially in America; community and neighborhood structure and organization; housing and land utilization; human behavior; patterns of community growth; community planning.

S310 Sociology of Women in America (3 cr.) P: 6 credit hours in sociology or WOST W200 plus 3 credit hours in sociology or WOST W200 plus 3 additional credit hours in women’s studies. A brief survey of the history of women’s changing role in America, with particular emphasis on women’s legal status in this century; persistence of occupational segregation; the organization and growth of the women’s rights movement since 1960, the impact of these changes on the nuclear family, and the female self-image.
S311 Comparative Sociological Analysis of Political Systems (3 cr.) P: 6 credit hours in sociology or consent of instructor. Interrelations of politics and society, with emphasis on formation of political power, its structure, and its change in different types of social systems and cultural-historical settings.

S312 Education and Society (3 cr.) P: 3 credit hours of sociology or consent of instructor. The role of educational institutions in modern industrialized societies, with emphasis on the functions of such institutions for the selection, socialization, and certification of individuals for adult social roles. Also covers recent educational reform movements, and the implications of current social policies on education.

S313 Sociology of Religion (3 cr.) P: 6 credit hours in sociology. The nature, consequences, and theoretical origins of religion; the social origins and problems of religious organizations; and the relationships between religion and morality, science, magic, social class, minority status, economic development, and politics.

S314 Social Aspects of Health and Medicine (3 cr.) P: 6 credit hours in sociology. The effects of group characteristics in causing, treating, and preventing mental and physical illness; social influences in medical education, medical practice, and hospital administration.

S315 Sociology of Work (3 cr.) P: 6 credit hours in sociology. Analysis of the professions and occupations; range, history, social origins, and typical career patterns of selected occupations; social characteristics of occupational and professional groups; influence of sex, education, and minority group membership upon selection of a profession or occupation.

S316 The Family (3 cr.) P: 3 credit hours of sociology or consent of instructor. Structure and process of the conjugal family in modern and emerging societies. Focus on relationships of the family to other subsystems of the larger society and on interaction within the family in connection with these interrelationships. Stress on development of systematic theory.

S319 Sociology of Science (3 cr.) P: 3 credit hours in sociology or consent of instructor. Issues such as development and structure of the scientific community; normative structure of science; cooperation, competition, and communication among scientists; scientists’ productivity, careers, and rewards; development of scientific specialties; and relationship between science and society.

S320 Deviant Behavior and Social Control (3 cr.) P: 3 credit hours of sociology or consent of instructor. Analysis of deviance in relation to formal and informal social processes. Emphasis on deviance and respectability as functions of social reactions, characteristics of rules, and power and conflict.

S321 Variations in Human Sexuality I (3 cr.) P: 3 credit hours of sociology or consent of instructor. Sociological examination of patterns and variations in several dimensions of human sexuality, sexual definitions, incidence of various behaviors, intensity of sexual response, sexual object choice, and other modes of sexual expression.

S324 Mental Illness (3 cr.) P: S230 or consent of instructor. Social factors in mental illness: incidence and prevalence by social and cultural categories, variations in societal reaction, social organization of treatment institutions.

S325 Criminology (3 cr.) P: 6 credit hours in sociology. Causes of crime, organization of criminal behavior from the viewpoint of the person and the group, and social responses to crime.

S326 Law and Society (3 cr.) P: 3 credit hours of sociology or consent of instructor. Social origins of civil and criminal law, social bases of legal decision making, and social consequences of the application of law.

S328 Juvenile Delinquency (3 cr.) P: 6 credit hours in sociology. Nature and extent of juvenile delinquency, its cause, juvenile delinquency and the law, methods of research in juvenile delinquency, theories and practices of delinquency control.

S331 Social Gerontology (3 cr.) P: 6 credit hours in sociology. Examination of theoretical issues and practical problems associated with aging. Emphasis on social and social-psychological dimensions, with some treatment of the demographic, political, economic, and familial aspects of old age. Topics include consequences of research methods and findings, how experiences of younger people affect their subsequent adaptations to old age, American cultural values and norms with respect to older people, and predictions concerning the quality of life for elderly persons in the twenty-first century.

S335 Race and Ethnic Relations (3 cr.) P: 6 credit hours in sociology. Relations between racial and ethnic minority and majority groups; psychological, cultural, and structural theories of prejudice and discrimination; comparative analysis of diverse systems of intergroup relations.
S338 Sociology of Sex Roles (3 cr.) P: 6 credit hours in sociology or WOST W200 plus 3 credit hours of sociology or WOST W200 plus 3 additional credit hours of women’s studies courses. Exploration of the properties, correlates, and consequences of sex-gender systems in contemporary societies. Emphasis on defining sex-gender systems, tracing their historical development, considering their implications for work, marriage, and fertility, with cross-cultural comparisons.

S360 Topics in Social Policy (3 cr.) P: 3 credit hours of sociology or consent of instructor. Specific topics announced each semester; examples include environmental affairs, urban problems, poverty, and population problems. May be repeated three times for credit with a different topic.

S361 Urban Sociology (3 cr.) P: 6 credit hours in sociology. Introduction to theory and research on the changing scale and complexity of social organization (urbanization), the quality of life in urban areas, demographic and ecological city growth patterns, and public policy concerns in contemporary urban society.

S403 Industry, Labor, and Community (3 cr.) P: 6 credit hours in sociology. Organizations studied from a sociological perspective. Theories and typologies of organizations as well as research that tests these. Attention to social structures (formal and informal) of organizations, the participants (management, labor, and clients), organizational goals, effects of technology and the environment.

S405 Selected Social Institutions (3 cr.) P: 6 credit hours in sociology. An examination of one or more institutional areas, e.g., religion, education, the military. May be repeated for credit with instructor’s permission.

S413 Gender and Society (3 cr.) P: 6 credit hours in sociology. Explores several theories of sex inequality in order to understand the bases of female-male inequality in American society; examines the extent of sex inequality in several institutional sectors; and considers personal and institutional barriers women face, including those resulting from socialization, discrimination, and other structural arrangements.

S416 The Family (3 cr.) P: 6 credit hours in sociology. The family as a social institution, changing family folkways, the family in relation to development of personality of its members, disorganization of the family, and predicting success and failure in marriage.

S418 Sociology of Political and Religious Movements (3 cr.) P: 6 credit hours in sociology. Analysis of the major types of political (reform, revolutionary, and reactionary) and religious (sects, cults) movements. Emphasis on their nature, ideology, and organization.

S419 Social Movements and Collective Action (3 cr.) P: S215 or consent of dean. Change-oriented social and political collective action and consequences for groups and societies. Resource mobilization, historical and comparative analysis of contemporary movements and collective action.

S420 Topics in Deviance (3 cr.) P: 6 credit hours in sociology. Specific topics announced each semester, e.g., crime, juvenile delinquency, law enforcement, corrections, mental illness, sexual deviance, drug use, and violence. May be repeated three times for credit.

S423 Sexual Patterns and Variations (3 cr.) P: 6 credit hours in sociology. Sociological examination of patterns and variations in several dimensions of human sexuality. Emphasis will be placed on sexual nonconformity (homosexuality, premarital relations, etc.)

S426 Control of Crime (3 cr.) P: 6 credit hours in sociology. Analysis of policies for prevention of crime and treatment of criminals on basis of knowledge regarding causation of criminal behavior.

S431 Topics in Social Psychology (3 cr.) P: Consent of instructor. Specific topics announced each semester, e.g., socialization, personality development, small group structures and processes, interpersonal relations, language and human behavior, attitude formation and change, violence and aggression. May be repeated three times for credit.

S436 Public Opinion and Propaganda (3 cr.) P: 6 credit hours in sociology. Techniques of propaganda, with emphasis on war propaganda; propaganda as an instrument of social control; role of propaganda and opinion measurement. Credit will not be given for both S436 and JOUR J423 or POLS Y316.

S441 Topics in Social Theory (3 cr.) P: S163, S250, S251. Specific topics announced each semester. Topics include development of American sociology; classical sociological theory; contemporary sociological theory. May be repeated three times for credit. Ordinarily offered only Fall Sem.
S447 Theories in Social Change (3 cr.) P: 6 credit hours in sociology. Introduction to the social mechanisms of change. Explores various conditions that result in social change, such as technological advances, reform movements, and revolution. The results of social change such as modernization, rationalization, and urbanization are examined in terms of how they affect various institutions.

S451 Methods of Sociological Research (3 cr.) Offered as the continuation of S250 and S251. Examines advanced topics in quantitative and qualitative methods such as the general linear model, data grouping and reduction, curve fitting, narrative and content analysis. Involves the use of current data analytic technology.

S468 Research Project in Sociology (cr. arr.) P: 6 credit hours in sociology. Instructor’s consent required.

S470 Senior Seminar (3 cr.) P: S163, S250, S251. Topics in sociology and sociological applications. May be repeated provided different topics are studied. Ordinarily offered only Spring Sem.

S494 Field Experience in Sociology (1-6 cr.) P: consent of instructor and prior arrangement. Faculty-directed study of aspects of sociology based on field experience, in conjunction with directed readings and writing. Specifically, each intern is required to (1) keep a daily or weekly journal, which is given at regular intervals to the faculty sponsor; (2) give an oral report once the fieldwork is completed; and (3) depending on academic credit, write a journal or an analytic paper or both. Limited to a total of 9 credit hours of both S494 and S495.

S495 Individual Readings in Sociology (1-6 cr.) P: 6 credit hours in sociology and written consent of instructor. May be repeated when topics vary for up to a maximum of 6 total credit hours.

S496 Foreign Study in Sociology (3 cr.) An opportunity for students to study outside the United States. Course of study and requirements will be developed for each situation by the student and the sponsoring faculty member(s).

Women’s Studies (WOST)

W200 Women in Contemporary American Society (3 cr.) Interdisciplinary approach to core discipline areas and to methodological and bibliographical tools required for research in women’s studies. Roles and images of women in contemporary American society based on historical, social, political background. Will not count toward the social science distributional requirement.

W400 Selected Topics in Women's Studies (Senior Seminar) (3 cr.) P: 15 credit hours in women’s studies, including W200; or consent of instructor. Readings and discussion of selected topics, with an interdisciplinary focus; research paper required.

W495 Readings and Research in Women’s Studies (1-3 cr., 6 cr. max.) P: Written consent of instructor. Individual readings and research. May be repeated twice for credit with a different topic.

Other courses for women’s studies credit are listed under participating disciplines.
Reserve Officers’ Training Corps Program Courses

Aerospace Studies (Air Force)


A151-A152 Air Force ROTC Leadership Laboratory (2 lab.) Training in Air Force customs and courtesies, drill and ceremonies, instructing other cadets, and the environment of an Air Force officer. Fall Sem., Spring Sem.

A201-A202 Evolution of U.S. Air Power I-II (1 lecture) P: Coregistration in A251-A252. Examination of general aspects of air and space power through a historical perspective, from the first balloons and dirigibles to the space-age global positioning systems of the Persian Gulf War. This course provides students with a knowledge-level understanding for the general element and employment of air and space power. Fall Sem., Spring Sem.

A251-A252 Air Force ROTC Leadership Laboratory (2 lab.) Training in Air Force customs and courtesies, drill and ceremonies, instructing other cadets, and the environment of an Air Force officer. Fall Sem., Spring Sem.

A311-A312 Air Force Leadership Studies I-II (3 lecture) P: Departmental approval; coregistration in A351-A352. A study of leadership and management fundamentals, professional knowledge, Air Force doctrine, leadership ethics, problem solving tools and techniques, and the communicative skills required to manage in an Air Force milieu. Fall Sem., Spring Sem.

A351-A352 Air Force ROTC Leadership Laboratory (3 lab.) Instruct 100 and 200 level cadets in Air Force customs and courtesies, drill and ceremonies, and developing advanced leadership skills. Fall Sem., Spring Sem.

A411-A412 National Security Affairs I-II (3 lecture) P: Departmental approval; coregistration in A451-A452. The concept of the armed forces as an integral element of society, with emphasis on the broad range of American civil-military relations and the environmental context in which United States defense policy is formulated and implemented. Fall Sem., Spring Sem.

A451-A452 Air Force ROTC Leadership Laboratory (3 lab.) Instruct 100 and 200 level cadets in Air Force customs and courtesies, drill and ceremonies, and developing advanced leadership skills. Fall Sem., Spring Sem.

Military Science (Army)

101: Leadership and Adventure I
102: Leadership and Adventure II
201: Leadership Skills Development I
202: Leadership Skills Development II
301: Leadership and Management I
302: The Military Team I
401: Leadership and Management II
402: The Military Team II
Independent (Correspondence) Study Division

More than 250 university courses are available through the Independent Study Division. Students may take up to one year to complete courses, all of which are offered on a correspondence basis. Many independent study courses fulfill divisional requirements, requirements in different major areas, and electives. All courses offered by the Independent Study Division carry full credit. Instructors are university faculty members or qualified persons from other areas.

Required textbooks, materials, and supplies are available through the Independent Study Division. A study guide is provided to students and includes full supplementary information in addition to the textbooks, as well as assignments and specific directions for completing a course through correspondence study. Assignments are submitted to the Independent Study Division by mail or in person, at the student’s convenience, and are returned to the student with corrections, a grade, and comments by the instructor.

Complete information about courses, fees, requirements, and procedures is available from:

Independent Study Division
Owen Hall 001
Indiana University
Bloomington, Indiana 47405
(812) 855-3693

Toll-free number in Indiana: (800) 822-4792
E-mail: bulletin@indiana.edu
World Wide Web Bulletin:
www.extend.indiana.edu/

Information regarding registration may be obtained from the Division of Continuing Studies at IUS. Registration forms must be signed by the student’s school or division advisor.
Engineering: Transfer Program

Indiana University Southeast offers a one-year transfer pre-engineering program. Students entering this program must meet the usual admissions standards of the specific field of engineering in the institution from which they plan to graduate, and they are encouraged to consult with the appropriate engineering and/or admissions advisors of that school as early as possible.

All freshman pre-engineering students are encouraged to consult with Sandy Freiberger, Physical Sciences 020, (812) 941-2671.

Preprofessional Curricula

Predental and Premedical Programs

Admission to professional schools is very competitive. A premedical or predental student is urged to enroll in a degree program rather than attempting to meet only the minimal requirements for admission. Most programs expect applicants to have a four year degree. Counseling is available from advisors in chemistry and biology. These individuals will help you prepare for the admission process. They may also suggest that you consider alternate pathways to rewarding medical careers should the desired professional school application be unsuccessful. College graduates who are seeking admission to medical school or other professional schools are also invited to use our advisors.

Predentistry

A student may be admitted to the School of Dentistry upon receipt of the bachelor’s degree, at the end of three years of study in arts and sciences, or, in exceptional cases, upon completion of two years of undergraduate preparation. Information regarding admission to the School of Dentistry may be obtained from Indiana University, Director of Admissions of Dentistry, 1121 W. Michigan Street, Indianapolis, IN 46202, phone (317) 274-8173.

Predental Requirements. The following predental courses are mandatory and must be completed by all students who wish to enroll in Indiana University School of Dentistry. There are no exemptions from or substitutes for these prerequisites. All the courses listed below are available at Indiana University Southeast.

(1) Two semesters or 10 credit hours of each of the following:
   Biology or Zoology (lecture and lab L101-L102)
   Inorganic Chemistry (C105-C125 and C106-C126)
   Physics (lecture and lab P201-P202 or P221-P222)
   (2) One semester of the following:
       Organic Chemistry (C341-C343; C342)
       Human Anatomy (lecture and lab A215)
       Human Physiology (lecture and lab P215)
       Biochemistry (C483)
   (3) One semester of Introductory
       Psychology, English Composition (W131), and Interpersonal Communication or
       Public Speaking.

A student may be admitted to dental school upon completion of the above predental courses and a minimum of 90 credit hours by the time of matriculation. No more than 60 semester hours may be completed at the junior college level.

B.A./D.D.S. Program. If a student is admitted to the School of Dentistry after completing 90 credit hours in arts and sciences and has satisfied the general requirements, including a concentration in an arts and sciences discipline, the student may apply 32 credit hours earned in the first year in dentistry as electives and, at the end of that year, earn the B.A. degree. For further information or to apply, contact the School of Natural Sciences at (812) 941-2184.

Suggested First-Year Program

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Biology L101 .................................................</td>
<td>5</td>
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<tr>
<td>Chemistry C105-C125 .......................................</td>
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<td>English W131 ..................................................</td>
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<tr>
<td>Mathematics M215 or M119 ..................................</td>
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<td>Biology L102 ................................................</td>
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<td>Computer Literacy ...........................................</td>
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<td>Arts and sciences distribution course ...................</td>
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Predental Hygiene

Indiana University offers an Associate in Dental Hygiene degree upon completion of college course prerequisites and two years of study. There are five dental hygiene programs in Indiana, and applicants are encouraged to apply to all programs to enhance the chances of being accepted. IU Southeast also has a program of reciprocity with the University of Louisville that allows a student to attend the University of Louisville and pay in-state tuition.
The specific college courses required for admission into a dental hygiene program are the following:

1. Two arts and humanities courses. See the predental hygiene advisor for a list of approved courses.

2. One semester of each of the following:
   - English composition
   - Introductory psychology
   - Introductory sociology
   - Public speaking
   - Inorganic chemistry with lab
   - Human anatomy
   - Human physiology

The applicant must have earned a C or better in each course in order for the credit to transfer to Indiana University. Anyone interested in obtaining information about the Dental Hygiene program should contact the School of Natural Sciences at (812) 941-2184.

**Premedicine**

A student may be admitted to the School of Medicine upon receipt of the bachelor’s degree. There are several degrees that will fulfill the premedical requirements.

**Premedical Requirements.**

1. General chemistry, 8-10 credit hours (C105-C125, C106-C126);
2. Organic chemistry, including aromatic and aliphatic compounds, 8-10 credit hours (C341-C343; C342-C344);
3. Physics, 8-10 credit hours (P201-P202 or P221-P222);
4. Animal biology, 8-10 credit hours (zoology, animal physiology, animal anatomy, or developmental biology, usually Z317-Z318, P416-P418).

These required courses are available at Indiana University Southeast. Students expecting to enter the premedicine program at IUS should contact the School of Natural Sciences at (812) 941-2184.

**Suggested First-Year Program**

**First Semester**

<table>
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**Second Semester**

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**Prephysician Assistant**

The physician assistant degree is offered by Butler University in Indiana and by the University of Kentucky. This program for Indiana involves two years of preprofessional courses with years three and four being completed at Butler University, Methodist Hospital in Indianapolis, or at various other health facilities in the Indianapolis area. The student is encouraged to contact the University of Kentucky in Lexington, Kentucky, for their prephysician assistant requirements. Students wishing to transfer to Butler University must complete a two-year curriculum, which includes Introductory Biology L101-L102, Human Anatomy A215, Human Physiology P215, Microbiology and Immunology J200 and J201, Medical Terminology M330 or M195, chemistry sequence through biochemistry, Statistics K300, and approximately 30 credit hours of social science courses, humanities, and physical education classes including elementary composition, public speaking, personal health, and others. For further information or to apply, contact the School of Natural Sciences at (812) 941-2184.

**Prelaw**

Applicants for admission to law schools must have a bachelor’s degree when they begin law school. Law schools do not require a fixed prelaw curriculum, but they do recommend certain types of courses. Admission is largely based upon undergraduate GPA and scores on the Law School Admissions Test (LSAT). Applications for the LSAT are available from Career Services and Placement and the prelaw advisor, Dr. Linda Gugin (Political Science).

**Preoptometry**

Candidates for admission to the School of Optometry must complete a minimum of 90 credit hours of undergraduate course work.

**Preoptometry Requirements:** CHEM C105-C125, C106-C126, C341; ENG W131; MATH M215; PHYS P201-P202; PSY P101-P102, MATH K300 (statistics); BIOL L101-L102, ZOOL Z317-Z318, or ANAT A215; plus 3 credit hours at the 200 level or above; arts and humanities, 6 credit hours; social and behavioral sciences, 6 credit hours; foreign language, 6 credit hours.

These required courses are available at Indiana University Southeast. For further information or to apply, contact the School of Natural Sciences at (812) 941-2184.

**Preveterinary**

Indiana University does not offer a degree program in veterinary medicine. However, students may complete
one of several B.A. degree programs at Indiana University Southeast before applying that will include the minimum prerequisite courses for admission to a School of Veterinary Medicine. The following list of courses comprises the minimum course work for admission to Indiana’s School of Veterinary Medicine at Purdue University. Other veterinary program admission requirements may vary. Students desiring admission to vet school are encouraged to consult with the academic preveterinary advisor early in their academic career to ensure requirements for Veterinary School admission are complete. It should be noted that very few students gain admission to this highly competitive field after two years of undergraduate study. In fact, students are urged to pursue a four-year degree which will afford them an alternative career.

The following minimum general preveterinary requirements for admission to the Purdue University Veterinary Program at Indiana University Southeast School of Natural Sciences: Statistics K300, Calculus M215/M216 or M119/M120; introductory and advanced biology courses in diversity, development, and cellular structure; inorganic chemistry, organic chemistry, and biochemistry, as well as genetics with laboratory and physics with laboratory. Students interested in the preveterinary program should contact the School of Natural Sciences at (812) 941-2184.

**Suggested First-Year Program**

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Student Development Courses
Each course carries 3 credit hours and can count in determining financial aid eligibility, class standing, social security benefits, and VA benefits, except Chapter 30 (Active Duty Educational Assistance Program) and Chapter 106 (Selected Reserve Educational Assistance Program) of the new G.I. Bill.

EDUC X150 Reading/Learning Techniques (3 cr.) Prepares all students to achieve at a rate that will facilitate future course work. Emphasis is placed upon the development of university-level techniques: systematic scheduling, information-gathering skills, principles of memory and concentration, problem solving, note-taking and test-taking skills, and improved reading rate and comprehension. Credit for this course does not apply toward a degree.

ENG W030 Developmental Composition I (3 cr.) Teaches students to read for information, to summarize accurately, to write well-formed paragraphs and larger compositions, to work in standard English. Credit for this course does not apply toward a degree.

ENG W100 Developmental Composition II (3 cr.) P: W030 or placement. Emphasizes writing paragraphs and larger compositions, learning and practicing forms of academic writing, developing varied sentence structure, review of mechanics and usage. Credit for this course does not apply toward a degree.

MATH M006 Elementary Mathematical Skills (3 cr.) Designed to review and/or teach basic mathematical operations of whole numbers, fractions, decimals, percentages, ratio and proportion; geometry and measurement; prerequisite for more advanced mathematics courses. Credit for this course does not apply toward a degree. Fall Sem., Spring Sem., Summer.

MATH M007 Elementary Algebra (3 cr.) P: Proficiency in arithmetic and basic geometry, placement by exam, or MATH M006. Designed to review and/or teach elementary operations of equations, inequalities, polynomials, factoring, rational expressions, linear graphing, and square roots; prerequisite for more advanced mathematics courses. Credit for this course does not apply toward a degree. Fall Sem., Spring Sem., Summer.
Faculty of Indiana University Southeast

Resident Faculty

*Member of the Graduate Faculty

Abshire, Jean E., Ph.D. (Indiana University, 1999), Assistant Professor of Political Science

Adams, Kela O., P.E.D., Ed.D. (Indiana University, 1970, 1980), Professor Emerita of Physical Education and Education

Allen, Anne E., Ph.D. (Columbia University, 1993), Associate Professor of Fine Arts

Allman, Ronald J., M.A. (University of Texas, 1994), Assistant Professor of Journalism

*Alse, Janardhanan A., Ph.D. (University of Wisconsin, 1993), Associate Professor of Economics

Altmann, James L., Ph.D. (University of Wisconsin–Milwaukee, 1978), Professor of Economics and Business Administration

Ambrose, Timothy, Ph.D. (University of Wisconsin, 1980), Assistant Professor of Spanish

Anderson, Virginia S., Ph.D. (University of Texas at Austin, 1997), Assistant Professor of English

Arnold, Janet K., M.Ed. (University of Louisville, 1979), Lecturer in Mathematics

Aronne, Maria A., M.A. (University of Connecticut, 1982), Lecturer in Mathematics

*Asare, Benjamin, Ph.D. (Temple University, 1987), Associate Professor of Sociology

Ash, Robert C., Ph.D. (Arizona State University, 1995), Assistant Professor of Business Administration

*Atnip, Gilbert W., Ph.D. (Ohio State University, 1975), Professor of Psychology

Babione, Carolyn, Ph.D. (University of New Mexico, 1993), Assistant Professor of Education

Badia, Mindy E., Ph.D. (Indiana University, 1996), Assistant Professor of Spanish

Bailey, Kevin Sue, Ed.D. (Indiana University, 1981), Professor of Education

Baker, Claude D., Ph.D. (University of Louisville, 1972), Professor of Biology

*Baker, Crump W., Ph.D. (University of Kentucky, 1975), Professor of Mathematics

*Baker, Mary Anne, Ph.D. (University of Louisville, 1971), Professor of Psychology

*Barney, Douglas K., Ph.D. (University of Mississippi, 1993), Associate Professor of Business Administration

*Barry, James, Jr., Ph.D. (State University of New York at Stony Brook, 1988), Professor of Philosophy

Beckman, Eugene T., M.B.A. (University of Louisville, 1975), Lecturer in Business

*Bjornson, Christian E., Ph.D. (University of Illinois, 1993), Associate Professor of Business Administration

Bochan, Bohdan, Ph.D. (University of Minnesota, 1977), Associate Professor of German

Bowden, James H., Ph.D. (University of Minnesota, 1970), Professor of English, Retired

*Bower, Stephanie, Ph.D. (University of Wisconsin, 1971), Professor of History

Bowles, A. Christine, M.S. (Indiana University, 1999), Lecturer in Education

Bowles, Donna J., Ed.D. (Spalding University, 1999), Assistant Professor of Nursing

Braden, Samuel E., Ph.D. (University of Wisconsin, 1941), LL.D. (Illinois State University, 1975), LL.D. (Indiana University, 1983), Professor Emeritus of Economics

Brengle, Linda K., Ph.D. (Bowling Green University, 1978), Associate Professor of Theatre

Brengle, Richard L., Ph.D. (Columbia University, 1962), Professor Emeritus of English

Briscoe, John P., Ph.D. (University of Louisville, 1977), Professor Emeritus of Business Administration

Burton, D. Bradley, Ph.D. (Nova University, 1992), Assistant Professor of Psychology

Cady, Marshall P., Ph.D. (Michigan State University, 1976), Professor of Chemistry

*Carducci, Bernardo J., Ph.D. (Kansas State University, 1980), Professor of Psychology

Carr, Gabrielle M., M.L.S. (Indiana University, 1981), Associate Librarian

Christenson, Carl M., Ph.D. (Kansas State University, 1969), Professor Emeritus of Biology

Christiansen, Linda, J.D. (Indiana University School of Law, 1987), Assistant Professor of Business Administration

Clem, Debra K., M.F.A. (Pennsylvania State University, 1978), Associate Professor of Fine Arts

Cochran, Delaine E., M.A. (University of Louisville, 1988), Lecturer in Mathematics

Cooley, Timothy, M.B.A. (Indiana University, 2000), Assistant Professor for Mechanical Engineering Technology
Crooks, Edwin W., D.B.A. (Indiana University, 1959), Professor Emeritus of Business Administration
Crothers, A. Glenn, Ph.D. (University of Florida, 1997), Assistant Professor of History
Crump, Claudia D., Ed.D. (Indiana University, 1969), Professor Emerita of Education
*Dahlgren, Donna J., Ph.D. (Kent State University, 1992), Associate Professor of Psychology
deGraaf, Carl A., Ph.D. (Southern Illinois University, 1973), Professor of Education
Del Grande, M. Vera, Ph.D. (St. Louis University, 1959), Professor Emerita of Education
Dey, Sukhen, Ph.D. (University of Louisville, 1983), Associate Professor of Computer Science
*Dufrene, Uric B., Ph.D. (University of Mississippi, 1992), Associate Professor of Business Administration
*Dunn, Millard C., Ph.D. (Indiana University, 1966), Professor of English
Earley, Samantha M., Ph.D. (Kent State University, 1998), Assistant Professor of English
*Edmonds, Kent E., Ph.D. (University of Delaware, 1993), Assistant Professor of Biology
Ehringer, Margaret A., M.A.T. (Indiana University, 1972), Lecturer in Mathematics
*Ernstberger, Kathryn W., Ph.D. (Indiana University, 1992), Associate Professor of Business Administration
Faulk, Dagney G., Ph.D. (Georgia State University, 1999), Assistant Professor of Economics
*Felton, Marianne V., Ph.D. (Indiana University, 1978), Professor Emerita of Economics
Fields, Teesue H., Ed.D. (Rutgers University, 1975), Associate Professor of Education
*Findling, John E., Ph.D. (University of Texas, 1971), Professor of History
Finkbine, Ronald B., Ph.D. (New Mexico Institute of Mining and Technology, 1994), Assistant Professor of Computer Science
*Finkel, Deborah G., Ph.D. (University of Minnesota, 1992), Professor of Psychology
*Forinash, Kyle, III, Ph.D. (Clemson University, 1983), Professor of Physics
Forsyth, Bill J., Ph.D. (University of Arkansas, 1967), Professor Emeritus of Biology
Free, Kathleen W., M.S.N. (Ball State University, 1996), Clinical Assistant Professor of Nursing

*French, G. Richard, Ph.D. (University of Mississippi, 1990), Associate Professor of Business Administration
*French, Sandra S., Ph.D. (Tulane University, 1980), Professor of Sociology
*Galvin, Peter R., Ph.D. (Louisiana State University, 1991), Associate Professor of Geography
Garnier, Camille F., Ph.D. (Indiana University, 1978), Professor of French
Gohmann, Edmund J., M.M.E. (University of Louisville, 1961), Associate Professor for Mechanical Engineering Technology
*Goldstein, Joanna, Ph.D. (New York University, 1985), Professor of Music
Graviss, Kenton J., Ph.D. (University of Louisville, 1997), Assistant Professor of Computer Science
*Greckel, Fay E., Ph.D. (Indiana University, 1969), Professor Emerita of Economics
Greckel, Wilbert C., Ph.D. (Indiana University, 1969), Professor Emeritus of Music
Griffith, Miriam L., M.Ed. (University of Louisville, 1976), Lecturer in Business
*Guenther, John R., M.F.A. (Indiana University, 1973), Professor of Fine Arts
*Gugin, Linda C., Ph.D. (University of Georgia, 1970), Professor of Political Science
Hackett, Brenda V., R.N., M.S.N. (Bellarmine College, 1993), Lecturer in Nursing
Harvey, John, Ph.D. (Ohio University, 1992), Lecturer in English
Haub, Elaine K., Ph.D. (University of Louisville, 1993), Associate Professor of Chemistry
Henry, Gordon O., Ph.D. (Western Michigan University, 1994), Assistant Professor of Psychology
Herdoíza-Estévez, Magdalena, Ph.D. (Université de Paris, 1985), Assistant Professor of Education
Hill, W. Brian, Ph.D. (University of Illinois, 1958), Professor Emeritus of Chemistry
Hise, Mary Garboden, R.N., M.N. (Emory University, 1960), Associate Professor Emeritus of Nursing
Hollingsworth, Joseph E., Ph.D. (Ohio State University, 1992), Associate Professor of Computer Science
Hollowell, B. Jane, R.N., M.S.N. (Bellarmine College, 1991), Lecturer in Nursing
Hotopp, Robert J., J.D. (Indiana University, 1973), C.P.A., Associate Professor Emeritus of Business Administration
Hottman, Nancy E., M.A. (Murray State University, 1971), Lecturer in Education

Howard, Jonas A., M.A. (University of Louisville, 1962), Professor Emeritus of Fine Arts

*Hunt, Randy E., Ph.D. (The Ohio State University, 1988), Assistant Professor of Biology

*Irwin, Archibald E., Ph.D. (Indiana University, 1971), Professor Emeritus of English

Jackson, Kathryn J. C., M.S. (Indiana University, 1995), Lecturer in Education

Jamski, William D., Ed.D. (Indiana University, 1976), Professor of Education

Jansing, Jo Ann, Ph.D. (Fordham University, 1970), Professor of Fine Arts

*Jenks, Richard J., Ph.D. (University of Missouri, 1974), Professor of Sociology

Johnson, Jacqueline F., M.L.S. (State University of New York at Buffalo, 1990), Associate Librarian

Jones, Brian H., M.F.A. (University of Cincinnati, 1977), Professor of Fine Arts

Kalmey, Donald L., Ph.D. (The Ohio State University, 1975), Associate Professor of Business Administration

*Kaufman, James L., Ph.D. (Indiana University, 1989), Professor of Speech Communication

Keefe, Thomas J., Ph.D. (State University of New York at Buffalo, 1988), Associate Professor of Business Administration

King, Granville, III, Ph.D. (Indiana University, 1994), Associate Professor of Speech Communication

*Kirchner, Gretchen, Ph.D. (University of Louisville, 1986), Associate Professor of Biology

Kopp, Richard, M.F.A. (University of Delaware, 1985), Associate Professor for Engineering Technology

Kotulak, Thomas D., Ph.D. (University of Illinois, 1994), Associate Professor of Political Science

Kreps, Dennis A., M.L.S. (University of Illinois, 1991), Associate Librarian

*Krishna, Vijay, Ph.D. (Ohio University, 1994), Associate Professor of Speech Communication

Lamb, Charles R., Ed.D. (Indiana University, 1972), Professor Emeritus of Education

*Lang, W. Christopher, Ph.D. (University of Oregon, 1986), Associate Professor of Mathematics

Lasseigne, Mary W., Ed.D. (Indiana University, 1963), Professor Emerita of Education

Le, Nghia, M.Engr. (University of Louisville, 1988), Assistant Professor for Electrical Engineering Technology

Lippke, Richard L., Ph.D. (University of Minnesota, 1967), Professor Emeritus of Theatre

Little, Eldon L., Ph.D. (University of Nebraska, 1981), Professor of Business

Mand, Lawrence R., Ph.D. (University of Kentucky, 1975), Professor of Computer Science and Business

*Mann, Susan Garland, Ph.D. (Miami University, 1984), Associate Professor of English

Manwani, Ghansham M., M.S. (University of Louisville, 1993), Lecturer in Computer Science

*Mason, Glenn M., Ph.D. (University of Wyoming, 1987), Professor of Geography

Maxwell, Richard H., Ph.D. (Southern Illinois University, 1969), Professor Emeritus of Biology

*McKay, Marian A., R.N., Ed.D. (Spalding University, 1998), Assistant Professor of Nursing

McMahan, Janice S., R.N., M.S.N. (Spalding University, 1991), Clinical Assistant Professor of Nursing

McNames, Patricia A., Ed.D. (University of Louisville, 1995), Associate Professor of Education

McTigue, Thomas M., Ph.D. (Louisiana State University, 1969), Professor Emeritus of Spanish

Meredith, Vicki A., D.B.A. (University of Kentucky, 1985), Professor of Business Administration

Miller, Phillip E., M.A. (University of Kentucky, 1993), Lecturer in Mathematics

*Moffett, Susan P., M.F.A. (Northern Illinois University, 1977), Professor of Fine Arts

Moody, John C., Ed.D. (University of Virginia, 1970), Professor Emeritus of Education

*Morgan, Robin K., Ph.D. (Auburn University, 1988), Professor of Psychology

Morganett, L. Lee, Ed.D. (Indiana University, 1980), Professor of Education

Murray, Gloria J., Ed.D. (Indiana University, 1982), Associate Professor of Education

Myers, Judy M., R.N., M.S.N. (University of Kentucky, 1979), Lecturer in Nursing

*Nassim, Bahman, Ph.D. (University of Missouri, 1979), Professor of Chemistry

*Newman, John H., Ph.D. (Washington State University, 1978), Professor of Sociology

Nunelleley, Jeanette C., Ed.D. (University of Louisville, 1986), Associate Professor of Education
O'Connor, Terrence P., M.S. (West Texas State University, 1985), Associate Professor for Electrical Engineering Technology
O'Neal, J. Thomas, M.A. (Eastern Michigan University, 1987), Lecturer in English
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Steedly, Gary F., Ed.D. (Indiana University, 1972), Adjunct Lecturer in Organizational Leadership and Supervision

Steiden, William A., Sr., M.B.A. (University of Louisville, 1965), Adjunct Lecturer in Business

Stevens, David R., B.A. (University of Iowa, 1956), Adjunct Lecturer in the School of Public and Environmental Affairs

Stevens, Nury E., M.A. (University of Louisville, 1993), Adjunct Lecturer in Spanish
Stewart, Steven D., J.D. (University of Louisville, 1979),
Adjunct Lecturer in the School of Public and
Environmental Affairs
Stiller, Ann T., M.A. (Ball State University, 1976),
Adjunct Lecturer in Education
Swartz, Brenda K., M.B.A. (University of Louisville,
1981), Adjunct Lecturer in Economics
Tanner, Denise J., B.A. (Indiana University, 1997),
Adjunct Lecturer in Economics
Tate, Mark, M.M. (Washington University, 1979),
Adjunct Lecturer in Music
Taurman, Kenneth Ray, Jr., J.D. (University of
Louisville, 1979), Adjunct Assistant Professor of Business
Thompson, Mary K., Ph.D. (University of Louisville,
1989), Adjunct Lecturer in Psychology
Totten, Nancy T., M.S. (University of Kentucky, 1972),
Adjunct Associate Professor of English
Traughber, David A., M.S. (Indiana University, 1988),
Adjunct Lecturer in Mathematics
Tripp, Alva, B.A. (Hofstra College, 1962), Adjunct
Lecturer in Music
Tripp, Drusilla O., B.Mus. (Indiana University, 1958),
Adjunct Lecturer in Music
Tucci, Sandra D., M.S. (Southern Illinois University,
1965), Adjunct Lecturer in English
Tucker, Leasa S., M.S. (Auburn University, 1987),
Adjunct Lecturer in Psychology
Tucker, Marsha C., M.Ed. (University of Louisville,
1995), Adjunct Lecturer in Supervision
Turpen, Larry W., M.S. (Indiana University, 1970),
Adjunct Lecturer in Mathematics
Utley, Tammy J., M.A.T. (University of Louisville, 1993),
Adjunct Lecturer in Spanish
Varner, Katya L., Ed.D. (Spalding University, 2000),
Adjunct Lecturer in Reading and Study Skills
Vedder, Peter E., Ph.D. (Catholic University of America,
1999), Adjunct Lecturer in Philosophy
von Allmen, Dion S., B.S. (Indiana University, 1985),
Adjunct Lecturer in Mathematics
Wall, Gunter R., M.A. (University of Utah, 1966),
Adjunct Lecturer in Speech Communication
Wallace-Boaz, Krista B., M.M. (Northwestern
University, 1994), Adjunct Lecturer in Music
Walsh, Robert W., M.Ed. (University of Louisville,
1976), Adjunct Lecturer in Computer Science
Warren, Frances O., M.A. (Western Kentucky
University, 1973), Adjunct Lecturer in Reading and
Learning Techniques
Wayne, Joseph E., Ed.D. (Indiana University, 1977),
Adjunct Lecturer in Health, Physical Education, and
Recreation
Webb, Mark A., D.C. (National College of Chiropractic,
1994), Adjunct Lecturer in Allied Health Sciences
Wells, Andrew R., M.A. (University of Louisville, 1999),
Adjunct Lecturer in English
Wells, Tim J., B.A. (Indiana University, 1998), Adjunct
Lecturer in Fine Arts
West, Randolph E., B.A. (University of Indianapolis,
1964), Adjunct Lecturer in Journalism
Wild, Alan K., M.S. (Ohio University, 1990), Adjunct
Lecturer in Journalism
Wiles, Thomas S., M.S. (University of Louisville, 1990),
Adjunct Lecturer in Biology
Williams, Marvin L., M.S. (Indiana University, 1983),
Adjunct Lecturer in Education
Willner, Lisa G., Ph.D., (California School of Professional
Psychology, 1992), Adjunct Lecturer in Psychology
Winston, Shannon N., M.A. (Appalachian State
University, 1998), Adjunct Lecturer in English
Wood, Maurice L., M.A. (Indiana University, 1975),
Adjunct Lecturer in Geography
Wynn, William W., M.A. (University of Louisville,
1992), Adjunct Lecturer in English
Yates, Sarah R., M.A. (University of Louisville, 1983),
Adjunct Lecturer in English
Yeisley-Drogin, Laurie Ann, D.Min. (Louisville
Presbyterian Theological Seminary, 1999), Adjunct
Lecturer in Religion
Yohannes, Tamara, Ph.D. (University of Denver, 1995),
Adjunct Lecturer in English
Young, Sandra K., M.S. (Indiana University, 1975),
Adjunct Lecturer in Speech
Zink, Amy E., M.A. (Miami University, 1992), Adjunct
Lecturer in Spanish
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Academic Advising
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University Division, Library 006

Students with declared majors, see appropriate unit below:
- Arts and Letters, Knobview Hall 110M
- Business, Hillside Hall 214
- Education, Hillside Hall 0020
- Natural Sciences, Life Sciences Building 258
- Nursing, Life Sciences Building 276
- Purdue Programs, Physical Sciences Building 020
- Social Sciences, Crestview Hall 140

Transient, visiting, special graduate, and high school students: Office of Admissions, University Center 100

Accounting Services/Bursar Collection of student fees, Accounts Payable, Library Building 100

Admissions Office of Admissions, University Center 100

Adult Student Center Adult Student Advocacy, Library Building 004

Alumni Affairs Office Library Building 151

Athletics Schedules and general information, Athletic Office, Activities Building

Audio-Visual Aids Media Services, Knobview Hall 014J

Bookstore Books and supplies, Library 007

Bulletin Boards, Kiosks, and Posters Regulations pertaining to use, Campus Activities, University Center 101

Campus Activities Clubs and organizations (listings sponsors, budget information, etc.), public events, volunteer services, Campus Activities, University Center 101

Career Services and Placement University Center 008

Center for Mentoring and Student Outreach University Center 103

Chancellor Library Building 156

Children’s Center Care for children of IUS students and employees, Children’s Center

Computer Services Crestview Hall 030

Continuing Studies Credit and Non-credit programs, Knobview Hall 225

Counseling
Financial: Student Financial Assistance, Library Building 100
Personal, Vocational, Educational: University Division, Library Building 006

Disabled Student Services Library Building 022

Emergency and Police Service University Police, University Center 007

Financial Aid Student Financial Assistance, Library Building 100

First Aid University Police, University Center 007

Grade Reports Registrar, Library Building 100

ID Cards University Police, University Center 007

Information Information Desk, University Center 101

Library Library Building 200

Lost and Found Information Desk, University Center 101

Metroversity Information Registrar, Library Building 100

Notary Service Human Resources, Library Building 002; School of Education, Hillside Hall 0020; Student Financial Assistance, Library Building 100

Parking Permits University Police, University Center 007

Payments and Refunds Accounting Services/Bursar, Library Building 100

Photocopying Library, Library Building 200

Police University Police, University Center 007

Professional Practice Program University Center 008

Publications Bulletins, class schedules, brochures, directories, etc., Information Desk, University Center 101

Records Grades, insurance certification for students in good standing, name and address changes, transcripts, etc., Registrar, Library Building 100

Registrar Library Building 100

Registration Admission Tickets
Students without declared majors and/or with fewer than 26 credit hours (except Nursing and Purdue Programs), and University Division adults:
University Division, Library Building 006

Students with declared majors, see appropriate school or division office in listing under Academic Advising above.
Transient, visiting, and special graduate students:
Office of Admissions, University Center 100

External Degree Program: Division of Continuing
Studies, Knobview Hall 225

**Room Reservations** Information Desk, University
Center 101

**Schedule Changes** Drop and add, withdrawal forms,
Registrar, Library Building 100

**Student Development Center** Placement testing,
tutoring, Knobview Hall 233

**Student Financial Assistance** Work-study, grants,
student loans, and part-time employment, Library
Building 100

**Student Employment** Career Services and Placement,
University Center 008

**SGA Senators** University Center 012

**Student Government Association** Library Building
001Q

**Student Health Insurance Information** Campus
Activities, University Center 101

**Student Newspaper—Horizon** Library Building 013

**Ticket Sales** Information Desk, University Center
101; Ogle Center, OG147; Athletics, AK

**Veterans’ Information** Veterans’ Affairs, Library
Building 100

**Vice Chancellor for Academic Affairs** Library
Building 152

**Vice Chancellor for Administrative Affairs** Library
Building 156

**Vice Chancellor for External Affairs** Library
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**Vice Chancellor for Student Affairs** Library Building
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Indiana University Bulletins
You may want to explore other schools of Indiana University. The following is a complete list of our bulletins. Please write directly to the individual unit or campus for its bulletin.

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School of Continuing Studies2
School of Education2
School of Health, Physical Education, and Recreation
School of Informatics1
School of Journalism
Division of Labor Studies
School of Law—Bloomington3
School of Library and Information Science
School of Music
School of Optometry
School of Public and Environmental Affairs1
University Division4
University Graduate School

*Indiana University–Purdue University Indianapolis
School of Allied Health Sciences
* Kelley School of Business1
* School of Continuing Studies2
* School of Dentistry
School of Education1
School of Engineering and Technology (Purdue University)
Herron School of Art
School of Journalism
* Division of Labor Studies
* School of Law—Indianapolis3
School of Liberal Arts
* School of Medicine
Military Science Program
* School of Nursing1
School of Physical Education
* School of Public and Environmental Affairs1
School of Science (Purdue University)
* School of Social Work
* University College
University Graduate School

Indiana University East (Richmond)
Indiana University–Purdue University Fort Wayne
Indiana University Kokomo
Indiana University Northwest (Gary)
Indiana University South Bend1
Indiana University Southeast (New Albany)

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1Two bulletins are issued: graduate and undergraduate. Undergraduate information about the Schools of Business and Nursing at IUPUI is found in the IUPUI campus bulletin.
2Bulletins on the General Studies Degree Program and the Independent Study Program are available from this school.
3There are two Indiana University schools of law. Be sure to specify whether you want a bulletin of the Bloomington or Indianapolis school.
4Available only to admitted University Division students.
*IUPUI produces one campus bulletin including information about all schools listed here. Schools marked with an asterisk (*) also produce separate bulletins.