Certificates & Minors

67 Minor in Anthropology
67 Minor in Communication Studies
67 Minor in Creative Writing
67 Minor in Criminal Justice
68 Minor in Fine Arts
68 Minor in History
68 Minor in International Studies
68 Minor in Literature
69 Minor in Music
69 Minor in Neuroscience
69 Minor in Philosophy
69 Minor in Political Science
70 Minor in Psychology
70 Minor in Sociology
70 Minor in Spanish
70 Minor or Certificate in Technical and Professional Writing
71 Minor or Certificate in Women’s & Gender Studies
71 Certificate in Hispanic Studies
72 Graduate Certificate in Composition Studies (Online)

Course Descriptions

72 Anthropology
74 Communication Studies
75 Criminal Justice
77 English Grammar
78 English Literature
83 English Writing & Composition
85 Fine Art History & Appreciation
86 Fine Art Studio
88 French Language & Cultures
89 Geography
89 German Language & Cultures
89 History
93 International Studies
93 Journalism
94 Music Theory and Musicianship
95 Music History
95 Music Ensembles
96 Music Performance
97 Music Composition
98 Philosophy
98 Political Science

Informatics

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113 B.S. Informatics

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114 Minor in Informatics

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115 Collaborative Informatics Courses
116 Informatics Courses

Natural Science & Mathematics

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118 B.A. Natural Science & Mathematics

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124 Minor in Chemistry
124 Minor in Environmental Studies
125 Minor in Neuroscience

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Accreditation

Indiana University East is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools, 230 South LaSalle Street, Suite 7-500, Chicago, Illinois 60604; webmaster@hlcommission.org or 1-800-621-7440.

Academic Standards

Good Standing

The minimum standard for academic good standing at Indiana University East is a cumulative grade point average (GPA) of 2.0, or a C average.

Chancellor’s List

The Chancellor’s List is tabulated each fall and spring semester and includes the following:

- Any student in good standing at the conclusion of the semester, who took at least twelve (12) credit hours of graded coursework and who attained a 4.0 grade point average in that semester.

Dean’s List

The Deans’ List is tabulated each fall and spring semester and includes the following:

- Any student in good standing at the conclusion of the semester, who took at least twelve (12) credit hours of graded coursework and who attained a grade point average of 3.50 in that semester and does not qualify for the Chancellor’s List.

Graduating with Academic Distinction

To graduate with academic distinction, baccalaureate candidates must rank within the highest 10% of the graduating class, must have completed a minimum of 60 hours at Indiana University, and must meet the cumulative GPA criteria outlined below. The following criteria will be used for awarding academic honors to graduating students with:

- Distinction: GPA of 3.70 - 3.79
- High Distinction: GPA of 3.80 - 3.89
- Highest Distinction: GPA of 3.9 - 4.0

Candidates who are awarded academic distinction are identified by cream and crimson cords. Academic honors are awarded by vote of the various faculties, and the cords are provided by the university. The appropriate recognition is recorded on the individual’s diploma and transcript as a permanent testimonial of achievement.

Academic Probation

A student whose cumulative grade point average at the beginning of a semester is below 2.00 will be placed on academic probation. The student will remain on academic probation until his/her cumulative grade point average is 2.00 or above.

Academic Suspension

A student whose cumulative grade point average is below 2.00 and who has completed at least 12 credit hours of graded coursework while continuously on probation may be suspended. The student may appeal this suspension to the Admissions and Academic Affairs Committee.

Academic Dismissal

Any degree seeking student (full or part-time) in the student’s first semester at IU East whose cumulative grade point average at the end of the semester is 0.00 will be academically dismissed. The student may appeal this dismissal to the Admissions and Academic Affairs Committee.

Appeal of Suspension/Dismissal

Students may appeal their academic suspension / dismissal to the Admissions and Academic Affairs Committee. Any appeal of suspension/dismissal must be made in writing and prior to the beginning of the semester in which the student wishes to enroll, according to a schedule established by the Dean of Students. The appeal should explain any extenuating circumstances that may have hindered academic performance and must offer a clear explanation for further study and schedule plans. The Admissions and Academic Affairs Committee determines the conditions under which the student may re-enroll, depending on the severity of the student’s academic
deficiency. Students who obtain permission to re-enroll will continue to be on probation. Sanctions may range from affirmation of the suspension/dismissal to permission to re-enroll.

The decision of the Admissions and Academic Affairs Committee is final.

Reinstatement

An academically suspended/dismissed student may petition for reinstatement after at least one spring or fall semester has passed. Petitions for reinstatement must be made in writing and prior to the beginning of the semester in which the student wishes to enroll, according to a schedule established by the Dean of Students. The petition should explain any extenuating circumstances that may have hindered academic performance and must offer a clear explanation of further study and schedule plans.

The Admissions and Academic Affairs Committee determines the conditions under which the student is reinstated, depending on the severity of the student’s academic deficiency. Sanctions may range from affirmation of the suspension/dismissal to permission to be reinstated. The decision of the Admissions and Academic Affairs Committee is final. A student who is reinstated will continue to be on academic probation.

Criteria for Academic Forgiveness

Students who are enrolled in an IU East degree program may petition for academic forgiveness if all of the following conditions are met.

1. Student is currently enrolled as a degree seeking undergraduate student in an IU East degree program.
2. Student has not been granted an undergraduate degree from any campus of Indiana University. Students who are eligible to graduate must exercise academic forgiveness prior to applying for graduation.
3. Student has experienced a gap in enrollment of at least four (4) years.
4. Student has since completed at least 12 credit hours of graded course work and has passed all courses with a GPA of at least 2.0.

Students enrolled in system-wide degree programs are not eligible (i.e., Social Work).

Semesters forgiven at IU East may not be forgiven at any other IU campus, or in non-IU East degree programs. Regardless of whether academic forgiveness has been granted, individual IU East degree programs may choose to count all courses and grades for purposes of admission to programs and/or for granting honors.

Use of Academic Forgiveness

Academic forgiveness may be invoked only once. Once granted, it cannot be revoked. Academic forgiveness will remove all forgiven coursework from consideration in IU East degree programs. Therefore, students should carefully consider whether to apply for academic forgiveness of entire semesters or instead choose to repeat individual courses and replace those grades using the Grade Replacement policy. Students must consult with and obtain their advisor’s signature prior to exercising academic forgiveness.

Effect of Academic Forgiveness

Grade Point Average

Once academic forgiveness has been granted, the student starts with a recalculated program GPA with no hours and no points from the forgiven period contributing to that GPA.

Forgiveness of “X”-ed courses

Academic forgiveness removes all academic (not disciplinary) consequences from coursework stemming from the forgiven semesters. The number of credit hours for which the “X” option has been applied will not include those courses for which this option had been exercised, but that have later been forgiven.

Transcript

A student’s transcript should accurately reflect all of the student’s academic work. Transcripts of students who exercised academic forgiveness will reflect all grades. A statement on the student’s unofficial transcript and degree progress report will explain which grades have been excluded from the program GPA calculation.

Petitioning for Academic Forgiveness

Make an appointment with your advisor to review the Indiana University East academic forgiveness policy criteria and to discuss your options.

Assuming that you are eligible for academic forgiveness, complete the Petition for Academic Forgiveness with your advisor’s assistance. Your academic advisor will forward your petition to the Office of Student Records (WZ 116) for final processing. The Office of Student Records will notify you when/if academic forgiveness is applied to your academic record.
Academic Year Class Duration

Standard 3 Credit Hour Class in a 16 Week Term/Semester:

- 14 weeks of instruction
- 1 week of finals
- 1 week of breaks and/or holidays
- Minimum of 2,100 instructional minutes

The standard length of a three-credit hour course is 50 minutes three times a week or 75 minutes twice a week. The standard length of a three-credit hour course, meeting only once a week, shall be 2 hours and 35 minutes, with a 12 minute break.

Morning Classes

**M W F** (3 x 50 = 150 min.)
8:00- 8:50, 9:00- 9:50, 10:00-10:50, 11:00-11:50

**M W or T R** (2 x 75 = 150 min.)
8:00- 9:15, 9:30-10:45, 11:00-12:15
1 meeting / week (1 x 155 - 12 = 143 min.)
8:00-10:35, 9:30-12:05

Afternoon Classes

**M W F** (3 x 50 = 150 min.)
12:00-12:50, 1:00-1:50, 2:00-2:50, 3:00-3:50, 4:00-4:50

**M W or T R** (2 x 75 = 150 min.)
12:30-1:45, 2:00-3:15, 3:30-4:45
1 meeting (1 x 155 - 12 = 143 min.) 12:30-3:05, 2:00-4:35

Evening Classes

**M W or T R** (2 x 75 = 150 min.)
5:30- 6:45, 7:00- 8:15, 8:30- 9:45
1 meeting (1 x 165 - 12 = 153 min.)
5:30- 8:15, 7:00- 9:45

Class Standing

Class standing is based on the number of credit hours you complete:

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>&lt; 30</td>
</tr>
<tr>
<td>Sophomore</td>
<td>&gt;= 30 and &lt; 60</td>
</tr>
<tr>
<td>Junior</td>
<td>&gt;= 60 and &lt; 90</td>
</tr>
<tr>
<td>Senior</td>
<td>&gt;= 90</td>
</tr>
</tbody>
</table>

Course Load

Students may register for a single course or for a full course load. Students who register for 12 or more credit hours in a fall or spring semester, or 6 credits in a summer semester, are considered full-time students. Fulltime students should carry at least 15 credit hours during each semester of the regular academic year (i.e., each fall and spring term) if they expect to complete degree requirements within the usual 4-year time frame. Except with special permission, students are not permitted to enroll in more than 18 credit hours in the fall or spring and in no more than 9 credit hours during either of the two summer sessions. A 3.00 grade point average is generally required before such permission will be granted.

Changing Your Major

In the academic life of many students, there comes a time when they feel the need to “change their major” or academic plan. At IU East, it is a relatively simple process to change one’s major. Students are encouraged to meet with both their current academic advisor, as well as an academic advisor in the program in which they are interested, prior to changing their major. Here are the steps to follow:

1. Pick up a “Change of Major Form” from your academic advisor or the Office of Student Records, Whitewater Hall, Rm 116.
2. Seek educational advice from your current academic advisor.
3. Take the “Change of Major Form” to your “new” academic advisor.
4. Bring the completed and signed “Change of Major Form” to the Office of Student Records (WZ 116) for processing.

For your convenience, and to eliminate step #1 above, we have put the “Change of Major Form” online at iue.edu/registrar/records/officeofstudentrecords_forms.php.
Grading System Used

Faculty have the responsibility of evaluating a student’s performance in the courses they teach and assigning grades for these courses. They select grades from the list below and have the discretion of using or not using plus and minus grades.

The Registrar uses these grades to compute both a semester and cumulative grade point average (GPA).

Standard Letter Grading

These are used in GPA calculation.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.0 (highest passing grade)</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 (lowest passing grade)</td>
</tr>
<tr>
<td>F</td>
<td>0.0 (Failing)</td>
</tr>
</tbody>
</table>

Passing Grades

These are not used in GPA Calculation.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Pass</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory</td>
</tr>
</tbody>
</table>

Non-Standard Grading

These are not used in GPA Calculation.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Incomplete</td>
</tr>
</tbody>
</table>

Withdrawal from Course

These are not used in GPA Calculation. Only “W” will appear on transcript.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>Withdrew after first week of classes.</td>
</tr>
</tbody>
</table>

Final Grade Policies

Viewing Final Grades

Indiana University East does not mail grades at the end of each term/semester. Students who wish to view their grades online may do so through their One.IU portal.

1. Log into https://one.iu.edu/
2. In the search box, type “Grades”
3. Select “View Grades (SIS Student Center)”
4. Click the button

FN and FNN Grading

In compliance with University Faculty Council Policy (FN Non-Attendance, March 1999), faculty members are required to differentiate students who fail a class because they stopped attending from those who failed the class on merit.

FN Grade

The failing grade of FN is given to those students who initially attended the class but, at some point during the term, stopped attending and that was the basis for their failure. The grade of FN will be treated on the transcript in the same manner as the grade of F. FN and FNN grades may affect a student’s future eligibility for financial aid.

FNN Grade

If the student never attended the class, a grade of FNN is given. The grade of FNN will be treated on the transcript in the same manner as the grade of F.
**“I” Grade Policy (Incomplete)**

The grade of “I” (Incomplete) may be given to a student whose work in a course is satisfactory except that some terminal aspect of the course requirements has not been completed. The grade of “I” will only be given if the instructor has sufficient reason to believe that 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 work.

By assigning an Incomplete, an instructor implicitly authorizes and requires the “I” grade to be automatically changed to an “F” at the end of the appropriate time period if that instructor does not otherwise act to remove or extend the “I”. Both the student and the instructor in whose course the student received the Incomplete will be notified of this change of grade. A student may not reenroll in a course in which the grade of record is currently an Incomplete.

Generally, the time allowed for the removal of an Incomplete is one calendar year from the date of its recording. It may, however, be less, if specified by the instructor.

**Pass/Fail Option**

The option that permits students to designate courses to be taken for either a Pass (P) or Fail (F) grade is available to all undergraduate students for a maximum of two elective courses. The course selected for P/F must be an elective; it may not be used to satisfy requirements for institutional or degree programs. Students must file a P/F option request within the first three weeks of a fall or spring semester, or the first two weeks of a summer session. Students should consult with the academic advisor and school dean prior to submitting the P/F option request. The school dean is responsible for determining the elective nature of the course and signing the request form. Once approved, the P/F option request form is forwarded to the Office of Student Records for processing.

Instructors will not be notified of those students registering for the P/F option. A final letter grade will be submitted by the instructor and any grade other than an F, FN, or FNN will be converted to P. A grade of P is not counted in computing grade point averages; however, a grade of F is included in that average.

Students taking courses on the IU East campus, but completing their degree program on another IU campus or on the Purdue University campus, should adhere to the P/F policy and transfer credit policy of that campus.

**Auditing a Course**

Courses may be taken on an official “audit” basis. No credit will be given for the course; the audited course will be indicated on the student’s transcript with a grade of NC. The student must discuss course work expectations with the instructor and it is up to the instructor to approve or not approve the student’s request to audit the course.

**Applying for an Audit**

New students must apply for admission to the University by submitting the application for admission and application fee. High school and college transcripts are required if the student intends to pursue a degree program.

Students may register to audit a course during any of the regular registration periods.

Students considering this option should discuss it carefully with their academic advisor to see if this is the best choice or if another grading option, such as pass/fail, may be more appropriate.

Schools, in some cases, do not allow students to register for a class for credit after taking it on an audit basis. Consult with your advisor prior to making the decision to audit a course.

**Cost of Auditing**

Courses taken for audit do not apply toward any academic degree and do not count as part of a student’s full-time or part-time course load for purposes of financial aid or for loan deferments. Tuition for an audited course is the same as that for a credit course.

**Changing from Audit to Credit**

Course work transcripted as “NC” may not subsequently be changed to credit. Any change from audit to credit, or vice-versa, must be completed during the first week of classes during the Fall or Spring terms, or prior to the second class meeting during a Summer session. The signature of the instructor is required for this change of enrollment.

Any school or department has the option to exclude auditors from a particular course or remove auditors during the first week of the semester in order to permit credit seeking students to enroll. In such cases, the auditor will receive a 100% refund of fees.

The instructor or school dean (or designated representative) must grant permission allowing a student to audit a class.
Credit by Examination and Special Fee Structure

This credit is awarded as the result of an examination and: (a) during the first or second consecutive semester of matriculation, there is no charge; (b) if you are a first semester transfer student there is a $21.00 per credit hour charge; (c) if you are neither (a) nor (b), then you will pay the standard per semester fee at the appropriate resident or nonresident rate.

Grade Appeal Policy

Limitations of Time

Grade appeal must be initiated in writing within 30 calendar days after the student's grade was posted. After 30 calendar days a student may only appeal a grade if severe circumstances have prohibited the student from filing on time. Examples of such circumstances include military deployment or catastrophic illness.

Initial Appeals Process

Students who are dissatisfied with the grade received in a course should contact the instructor and attempt to resolve the matter amicably and informally. Should the instructor not be available to the student, the Dean of the school will act as a liaison between the instructor and the student.

If an amicable solution is reached, the instructor should file a “Change of Grade” form. The instructor should declare that to the best of his/her knowledge no other student has been treated inequitably as a result of the decision. The instructor’s decision is subject to approval by the Dean of the school and the Executive Vice Chancellor for Academic Affairs. The instructor may appeal a denial by either the Dean or the Executive Vice Chancellor, as outlined in the “Grade Change Policy”.

Extended Appeals Process

If an amicable solution as described in “Initial Appeals Process” cannot be reached, the student may formally appeal the grade.

A student may appeal each given grade only once. The appeal must first be directed to the instructor. If the instructor is not available or if the student is not satisfied with the instructor’s decision, the student may appeal the instructor’s decision to the Dean of the school in which the course was offered. Both the instructor and the student may appeal the decision of the Dean to the Executive Vice Chancellor for Academic Affairs. The Executive Vice Chancellor will forward the appeal to the Admissions and Academic Affairs Committee, whose decision will be final.

Procedure for Extended Grade Appeals

Students may obtain all relevant information regarding their grade, including definite information about what factors contributed to this grade, the respective weight of each of the factors, copies of the student’s work, and the instructor’s evaluations of this student’s work. The student is not entitled to copies of others’ work or the grade book for the entire course. Instructors are encouraged to preserve all course material until the 30-day deadline after the end of the semester has passed. Once the student has filed an appeal the instructor of the course is obligated to preserve all evidence that may be of importance for the grade appeal.

Format of Appeal

Any grade appeal must be in writing. The letter of appeal must contain the following information:

- The student’s name, student ID number and correct mailing address;
- The course in question, the semester in which the course was taught, the name(s) of the instructor(s);
- The assigned grade;
- The date of the appeal.

It is the student’s responsibility to list concise arguments in about why the instructor would have been obligated to assign a better grade in this letter of appeal. If more than one argument is given, the student must structure the appeal so that this distinction is apparent. Once the appeal has been made, the student may not add or change arguments. The student is therefore encouraged to draft and review the appeal very carefully.

The argument(s) above must be supported by verifiable evidence. The student should list specific sources that can be used to verify each claim made in the arguments. This list may include references to literature, a copy of the course syllabus, or a list of witnesses who are willing to verify the account of an event. The student may also list evidence that the instructor of the course may have, for example, the student’s final exam, or electronic documents over which the instructor has custody (e.g., postings to course discussion forums). It is the student’s responsibility to explain the significance of each item listed. Students are discouraged from providing copies of lengthy documents. Instead, the appeal should summarize the lengthy documents. The student must furnish the documents if this is requested later.

Standard for Granting a Grade Appeal

At least one of the arguments in the student’s appeal must be valid in the sense that it demonstrated (assuming the veracity of the circumstances cited) that the instructor would be obligated to assign a better grade.
The circumstances cited in the argument must be able to be independently verifiable.

**Process for Grade Appeals**

Should the instructor of the course agree that the student’s appeal should be granted, he/she may use a “Change of Grade” form to change the grade. The instructor should briefly explain why the student’s appeal meets the standard above. The instructor’s decision is subject to approval by the Dean of the school and the Executive Vice Chancellor for Academic Affairs. The instructor may appeal a denial by either the Dean or the Executive Vice Chancellor to the Admissions and Academic Affairs Committee, whose decision will be final. Should the instructor disagree with the student’s argument, he/she should explain in writing why each of the student’s arguments fails the standard needed for a grade change.

Appeals to the School Dean must be made within 15 calendar days after the student has been notified of the instructor’s decision. In appealing to the School Dean, the student may rebut the instructor’s analysis. The student may list new documentation only in support of this rebuttal, but not in support of the original arguments. The School Dean will analyze the appeal, the instructor’s response, and the student’s rebuttal, making a written decision based on the standards cited above. Should the School Dean approve the student’s appeal, the instructor must be informed of this decision. If the instructor does not appeal (or declare an intent to appeal) within 15 working days after being notified, the School Dean will file a “Change of Grade” form along with a copy of the written decision to the Registrar’s Office.

**Appealing to the Executive Vice Chancellor of Academic Affairs**

Appeals to the Executive Vice Chancellor for Academic Affairs must be made within 15 calendar days after the appealing party has received the School Dean’s decision. If an appeal to the Executive Vice Chancellor is made, the appealing party must submit a rebuttal to the School Dean’s decision. The Admissions and Academic Affairs committee will consider appeals in closed session. In evaluating the veracity of the circumstances cited, the committee may (at its discretion) call the student, the instructor and/or Dean, or other parties. Persons called by the committee may be accompanied by a person of their choice for emotional support or for advice. Such persons, however, are not permitted to answer questions or otherwise participate in the discussion. The committee may also ask for some of the supporting evidence. The committee will make the final decision in an executive session. The decision must be based on the above standards.

To change the decision of the School Dean, at least half of the number of committee members (excluding members who recused themselves) must vote in favor. The committee will notify the student of its decision. If the committee upholds the student’s grade appeal, a “Change of Grade” form with a copy of the committee’s decision will be submitted to the Registrar’s office. Degree seeking students can enroll in a subsequent required course while appealing a grade of a prerequisite course. If the prerequisite course grade appeal is denied, the student will immediately withdraw from the course for which the appeal course was a prerequisite.

**Grade Replacement Policy**

The purpose of this policy is to allow students who have done poorly in a course to repeat the course and remove the weight of the earlier grade from the student’s cumulative grade point average. The IU East Faculty Senate sees this policy as an expansion of the University Faculty Council policy (UFC April 10, 1984 as amended – “FX” Policy) by extending the replacement option to courses in which students receive any grade rather than just grades of F.

**General**

A student may retake any undergraduate course and petition for exclusion of the previously earned grade from the cumulative GPA after repeating the course. A student may apply this grade replacement option on an unlimited number of credit hours.

This option may be exercised no more than two times for each course. Please note that “F” grades that have been assigned as the result of academic misconduct (i.e. plagiarism) may be “repeated for credit” but may NOT be “replaced” with an “FX” by this or any other grade replacement policy.

**Extension of FX Policy**

This policy replaces the FX policy (UFC Action April 10, 1984, and the IU East amended policy on March 2, 2004). Previously granted FX grades will be honored under this policy.

**Effective Date**

This policy is effective upon being enacted. Students may replace any previously earned grades by completing a Petition for Grade Replacement form for each grade they wish to replace. The FX policy still applies if a student wishes to replace an F with the grade earned in a course retaken during a semester prior to Spring 2004.

**Grades and courses for which this option is available**

Grade replacement under this policy is only available for undergraduate courses with fixed credit. Grades in courses
with variable topic may not be replaced unless the topics, rigor, expected competencies, and work-assignments in both courses are the same. The determination of equivalency is made by the faculty. Under this policy, any grade may be replaced by the grade in the retaken course. A grade of “W”, “I”, or “NC” cannot be used to replace another grade.

**Academic Record**

This policy only excludes certain grades from the calculation of the grade point average. All grades will remain part of the student’s academic record; a notation on the transcript will indicate if a grade is not included in the GPA calculation. The provisions apply to undergraduate courses taken by students pursuing an undergraduate degree only. If a degree has been awarded, in no case may a grade be replaced for a course taken prior to the award of that degree. Schools and programs with selective admissions criteria may use a GPA calculation that does not honor the grade replacement under this policy in determining admissibility, academic standards, honors and graduation criteria.

**Procedure**

Students may petition for grade replacement under this policy at any time after repeating the course. The petition is made on a course-by-course basis. Once a grade replacement has been entered in a student’s academic record, it may not be rescinded. The registrar’s office will – in consultation with the Executive Vice Chancellor for Academic Affairs and the Admissions and Academic Affairs Committee – establish a procedure consistent with this policy.

**Grades Earned at other IU campuses**

Students who take a course at another IU campus and subsequently repeat that course at IU East may petition for grade replacement under this policy. However, replacement of grades earned at another IU campus is subject to the policies and procedures at that campus. The registrar at IU East shall forward petitions for grade replacement to the appropriate registrar and shall act as a liaison between the divisions and faculty who are responsible for evaluating the replacement.

**Honoring grade replacement requests from other IU campuses**

IU East joins all other IU campuses in honoring the principle that the grade policies on the degree granting campus are applicable for each student. Hence, if an IU East student transfers to another campus with different grade replacement policies, IU East will honor requests from that campus, on behalf of the student, to replace an IU East grade that may not be replaceable under this policy. If the student were to return to IU East for graduation, however, that grade exclusion may not apply. In such a case, the student may petition to the degree-granting division to honor the IU sister-campus’s grade replacement policy. Grades earned outside of the IU system cannot be used to replace grades earned at IU East.

**Grade replacement with courses using different course numbers**

A student may petition to replace a grade in one course with the grade earned in another course, provided that the two courses are equivalent. The determination of equivalency of the two courses is made by the appropriate School Dean and the faculty of the subject area. In order to establish equivalency, the faculty must determine that topics, rigor, expected competencies, and work-assignments in both courses are equivalent. A comparison of course descriptions alone is not adequate to establish equivalency. Students may not petition for grade replacement on the basis of having proved competency by successfully completing a subsequent course, through life experience, or through testing. [Explanation: This provision is meant to be used in cases where a course number has been changed, or where the two different course numbers are used for essentially the same course.]

**Dropping and/or Adding Courses**

The procedure for dropping or adding classes varies depending on when you decide to drop or add a class. There are essentially three schedule adjustment time periods:

1. Up to and including the first week of classes
2. Second week through the ninth week of classes (Auto "W" period)
3. After the ninth week of classes (after auto "W" period)

Costs, procedures, and consequences vary among periods, so please read carefully below.

**Through the first week of classes**

1. During the first week of classes, students may make class schedule changes, via their One.IU Student Center
2. Students may continue to register for classes, adjust their class schedule (i.e., drops, adds, section changes), or totally withdraw from all classes, via their One.IU Student Center
3. Students do not need any forms or signatures to drop or add courses during the first week of classes.

**After the first week of classes**

Courses dropped will receive an automatic “W.”

1. Registration ended upon conclusion of the first week of classes.
2. Students may drop some or all courses via One.IU ~ Student Center.
3. Students do not need any forms or signatures to drop courses during this time frame.

**Using eDROP:**
1. Log into One.IU.
2. Search for “Late Drop”
3. Click “Start”
Select the course/s you would like to drop and click “Continue.”

Review your eDrop request. If you selected the wrong course, click “Back” to return to the previous screen.

Once you have carefully reviewed the conditions, accept the conditions, and then click the “Submit for Approval” button.

A confirmation page will display. We highly recommend that you print this confirmation page for your records!

If you would like to drop another class, click “Create another request.” Follow the above steps to drop another class.

When you are finished, click “Close window.”

Submitting an eDrop request is not a confirmation that the course has been dropped from your schedule. Once submitted, your eDrop request will be routed to the appropriate advisor, department chair, and/or dean for approval. Once approved, your request will be processed and an email confirming that the Drop is official will be sent to your University email account.

Until you receive an email which says the Drop has been approved and processed, or until you confirm via “My eDocs” that the status of your request is FINAL, you are still enrolled in the course.

**Adding classes (during the 2nd week of classes)**

Students may add courses to their class schedule, via their Student Center, IF that class has not yet begun (i.e., 2nd eight week class, or nonstandard class). Students may add a class -- that has already begun -- ONLY IF they get permission from the instructor, and only during the second week of classes.

**Using eADD**
eAdd is available during the second week of classes, but is only available to students who have already registered for at least one class.

1. Log into One.IU.
2. Search for “Late Add”
3. Click on “Start”
Select the correct term, if necessary. Your schedule will be displayed.
Enter the 4 to 5 digit class number of the class you would like to add. It is the student’s responsibility to avoid time conflicts.

Once you have carefully reviewed the add conditions, accept the conditions, and then click the “Submit for Approval” button.

Once you have clicked the submit button, you will receive a receipt page. It will include the following information:

Print the receipt page.

Your schedule has NOT yet changed; it has been submitted for “instructor’s approval.” Continue attending the class; but, notify the instructor that you have submitted an eAdd transaction to add his/her class.

You are not officially registered until you receive confirmation of the change via your University email account.

**After the ninth week of classes**

Dropped classes no longer receive an automatic “W.” After the automatic “W” time frame has ended, the instructor may assign a “W” or an “F.”

After the 9th week of classes, eDrop is turned off. Dropped classes now require manual form submission.

1. Student picks up a DROP ONLY FORM from the Office of Student Records (WZ116) or School Dean’s office.
   - Note: This form is also available on the Registrar’s website.
2. Student fills out the form, signs it, and obtains signatures from his/ her academic advisor, Bursar, and Financial Aid.
   - Note: Students, dropping classes during this period must obtain their instructor’s signature.
3. The instructor assigns a grade of “W” or “F” and forwards the form to the Dean for his/her signature (it is now a “grade sheet”).
4. After the Dean signs; his/ her office will forward it to Student Records for processing as a “final grade.”

**Withdrawing Completely**

After the first week of classes, if the student wishes to drop ALL of his/ her classes, they need to process a Total Withdrawal form, as well as separate Drop Only form for each of their classes. These forms are available online.

**Financial Aid**

Students who are receiving some form of financial aid must contact the Office of Financial Aid and Scholarships before adjusting their class schedules.
Refunds and Charges

Any credits or charges resulting from a schedule adjustment will be reflected on your next account statement. Refunds of credit balances will be issued in the form of a check and mailed to the address on file with the Office of the Registrar. Direct deposit of refund checks is also available. Please contact the Office of the Bursar (Student Accounts) for more information.

Refund Schedule

Credit hour and directly related course fees are credited to your account upon proper withdrawal from and according to the following schedule (the right column shows the deadline):

<table>
<thead>
<tr>
<th>Classes Lasting One Week or Less</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>100% fee refund</td>
<td>1st Day of Class</td>
</tr>
<tr>
<td>50% fee refund</td>
<td>2nd Day of Class</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classes Lasting 2-4 Weeks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>100% fee refund</td>
<td>2nd Day of Classes</td>
</tr>
<tr>
<td>50% free refund</td>
<td>4th Day of Class</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses Lasting 5-7 Weeks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>100% fee refund</td>
<td>1st Week of Class</td>
</tr>
<tr>
<td>50% fee refund</td>
<td>2nd Week of Class</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses Lasting 9-14 Weeks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>100% fee refund</td>
<td>1st Week of Classes</td>
</tr>
<tr>
<td>75% fee refund</td>
<td>2nd Week of Classes</td>
</tr>
<tr>
<td>50% fee refund</td>
<td>3rd Week of Classes</td>
</tr>
<tr>
<td>25% fee refund</td>
<td>4th Week of Classes</td>
</tr>
</tbody>
</table>

Refund Appeal Procedure

Students who have significant or unusual circumstances that require withdrawal from class after the refund period can appeal their refund calculation.

Should you wish to appeal, you must submit a letter to the Office of the Dean of Students describing the circumstances that prevented a timely withdrawal from class. Your appeal, along with any additional documentation, will be sent to the Tuition Refund Appeal Committee for consideration.

The Dean of Students will send a letter conveying the committee’s decision to the student. Please note that students must be withdrawn from a class before they can appeal for a refund.

Graduation Information

Students who will be receiving a degree from IU East must file an “Application for Graduation” with the Office of Student Records. Application deadline dates are as follows:

<table>
<thead>
<tr>
<th>Graduation Date</th>
<th>Application Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>December</td>
<td>April 15</td>
</tr>
<tr>
<td>May *</td>
<td>November 1</td>
</tr>
<tr>
<td>June</td>
<td>November 1</td>
</tr>
<tr>
<td>August</td>
<td>November 1</td>
</tr>
</tbody>
</table>

For more information regarding graduation, go to: www.iue.edu/registrar/graduation.

Students can find printable graduation applications on the commencement website. Return the completed application, with your degree auditor’s signature, to the Office of Student Records (Whitewater Hall, Room 116) by the deadlines listed above.

Graduation Applications

Make sure your degree auditor (see list below) signs your application for graduation. You may drop off your application with your auditor, email it, or fax it to him/her. It is your responsibility to submit your application for graduation to the appropriate office to be processed by the deadline.

<table>
<thead>
<tr>
<th>School</th>
<th>Degree Auditor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities &amp; Social Sciences (HSS)</td>
<td>Katie Chaney, HSS Advisor</td>
</tr>
<tr>
<td></td>
<td>Office TR 115</td>
</tr>
<tr>
<td></td>
<td>kabal <a href="mailto:dwi@iue.edu">dwi@iue.edu</a></td>
</tr>
<tr>
<td></td>
<td>Fax # 765-973-8590</td>
</tr>
<tr>
<td>Bachelor of General Studies w/ Humanities and Fine Arts or w/ Behavioral and Social Sciences</td>
<td>Katie Chaney, HSS Advisor</td>
</tr>
<tr>
<td></td>
<td>Office TR 115</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:kabaldwi@iue.edu">kabaldwi@iue.edu</a></td>
</tr>
<tr>
<td></td>
<td>Fax # 765-973-8590</td>
</tr>
<tr>
<td>Master of Arts in English</td>
<td>Margaret Evans, Professor</td>
</tr>
<tr>
<td></td>
<td>Office TR 275</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:margevan@iue.edu">margevan@iue.edu</a></td>
</tr>
<tr>
<td></td>
<td>Fax # 765-973-8590</td>
</tr>
<tr>
<td>Graduate Certificate In Composition Studies</td>
<td>Edwina Helton, Professor</td>
</tr>
<tr>
<td></td>
<td>Office WZ 269</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:edhelton@iue.edu">edhelton@iue.edu</a></td>
</tr>
<tr>
<td></td>
<td>Fax # 765-973-8590</td>
</tr>
</tbody>
</table>
Graduating with a Second Degree

The Executive Vice Chancellor for Academic Affairs may admit the holder of, or candidate for, a baccalaureate to candidacy for a second degree at the same level.

For baccalaureate students, a minimum of 30 additional hours in residency, beyond the previous degree requirements, is required for each additional baccalaureate degree.

Students must also meet the requirements of the department or school in which they are a candidate, since it has final approval for the applicability for cross-listed courses. Students should check with the individual departments or schools for more information.

Graduation Statistics

IU East Graduation Statistics are available on the web at www.iue.edu/registrar/graduation_information.php.

Academic Calendars

The Indiana University East academic year is divided into three terms:

- Fall (Aug. to Dec.)
- Spring (Jan. to May)
- Summer (May to Aug.)

The academic calendar, as well as a detailed listing of important dates and deadlines for the current, and upcoming terms, is available at: www.iue.edu/registrar/calendar.php

Institutional Program Requirements

In order to assist students in meeting the five campus learning outcomes adopted by the campus, Indiana University East has established minimum standards and program requirements for all degrees awarded at Indiana University East. Students should familiarize themselves with these degree requirements as soon as possible in order to choose appropriate courses. All degree programs at Indiana University East have the following requirements. In addition students must meet requirements established by each degree program.

First Year Seminar

A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring course work. This course must be taken in the first semester after admission to Indiana University East.

Writing Requirement

A grade of C (2.0) or above is necessary in all English composition courses required for a degree. Students must complete ENG W131 or the equivalent within the first 25 credit hours for which they are enrolled. Students must also complete a second writing course with a C (2.0) or above within the first 50 credit hours for which they are enrolled. This course should prepare students for writing research papers and include at least one method of widely accepted documentation and instruct students in library research skills. All students must complete a culminating writing experience in their major.

General Grade Requirement

A passing grade is required in all other courses. A minimum cumulative GPA of 2.0 (C) is required for all courses taken toward a degree.
Required Credit Hours

For a bachelor degree a minimum of 30 hours at the 200 level or above must be completed at Indiana University East. At least 15 hours in the field of concentration must be completed at Indiana University East.

Requesting Exceptions

Requests to deviate from any of the above requirements must be recommended, in writing, by the Dean of the school in which the student is obtaining the degree. When multiple schools are involved all Deans of said schools must consent to the deviation. The recommended deviation will be sent to the Executive Vice Chancellor of Academic Affairs, who will make the final determination regarding the proposed deviation. Written documentation of the final decision will be placed in the student’s advising file. Forms for filing such requests are available in the registrar’s office. Appeals of waiver decisions will be acted upon by the Admissions and Academic Affairs Committee whose decision will be final.

Undergraduate Campus Learning Outcomes

The Indiana University East Campus Learning Outcomes are designed to provide graduates with the knowledge, skills and attitudes for a productive life. Indiana University East’s faculty seeks to guide students to become lifelong learners, effective communicators, and critical thinkers.

Graduates will be able to...

1. Communicate clearly and effectively in written and oral forms. Effective communication includes the ability to read, write, listen, speak, and use appropriate resources in delivering and responding to a message. A competent communicator is able to compose a clear message, relate purposeful and relevant ideas suitable to the intended audience, and select appropriate written, verbal and nonverbal strategies to effectively communicate or respond to an intended message.

2. Access, use, and critically evaluate a variety of relevant information sources. University educated individuals have the skills to efficiently and effectively locate, retrieve and evaluate information in order to use academically valid source material. Educated individuals have the ability to assess the accuracy, credibility, objectivity and timeliness of information and use that information ethically through appropriate documentation methods.

3. Apply principles of inquiry to define and analyze complex problems through reasoning and discovery. Reasoning, inquiry, discovery, and creativity are the processes by which individuals utilize resources and methods to understand and answer complex problems, and to form and revise beliefs. University educated individuals raise important questions and formulate them in a comprehensible way, developing and defending their conclusions based upon reliable evidence. These individuals demonstrate understanding of the ethical standards of doing their work and communicating the results and findings.

4. Demonstrate the ability to relate within a multicultural and digitally connected world. University educated individuals possess the knowledge and attitudes necessary to effectively relate to and collaborate with individuals from a wide variety of backgrounds, beliefs and experiences. Our graduates have the ability to perform effectively in a virtual setting and accomplish tasks individually or collaboratively in both online and traditional environments.

5. Demonstrate a deep understanding of a field of study. Specialists in a field of study have sufficient knowledge to apply the basic principles of the discipline in their work environment, or for subsequent learning experiences. University educated individuals demonstrate knowledge of the ethical standards in their field of study.”

Framework for General Education in Baccalaureate Degree Programs

The purpose of the General Education Curriculum is to ensure that every graduate from IU East has a set of knowledge and skills that are generally expected of every person who has earned a baccalaureate degree. The General Education Core consists of 30 credit hours of coursework. A student who completes this Core will be certified as having met the Statewide General Education Transfer Core.

The General Education Framework is divided into six General Education Competencies. Each General Education Competency corresponds to a Competency in the Statewide General Education Core. At Indiana University East the delivery and assessment of courses in each competency is the primary responsibility of expert faculty for each category. The responsibilities are outlined below.

Effective Date

This policy is effective for students being admitted to IU East effective Summer 2013. Students who are admitted for a semester prior to this date adhere to the General Education Framework as approved on November 7, 2006.

General Education Courses

Courses approved for each General Education category are listed below. The list is updated frequently. For a
comprehensive list of approved courses, please review the information at: iue.edu/gened.

**Written Communication Skills (6 cr)**

**Learning Outcomes:**
1. Produce texts that use appropriate formats, genre conventions, and documentation styles while controlling tone, syntax, grammar, and spelling.
2. Demonstrate an understanding of writing as a social process that includes multiple drafts, collaboration, and reflection.
3. Read critically, summarize, apply, analyze, and synthesize information and concepts in written and visual texts as the basis for developing original ideas and claims.
4. Demonstrate an understanding of writing assignments as a series of tasks including identifying and evaluating useful and reliable outside sources.
5. Develop, assert and support a focused thesis with appropriate reasoning and adequate evidence.
6. Compose texts that exhibit appropriate rhetoric choices, which include attention to audience, purpose, context, genre, and convention.
7. Demonstrate proficiency in reading, evaluating, analyzing, and using material collected from electronic sources (such as visual, electronic, library databases, Internet sources, other official databases, federal government databases, reputable blogs, wikis, etc.).

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-H 140</td>
<td>Honors Reading, Writing, &amp; Inquiry</td>
</tr>
<tr>
<td>ENG-W 131</td>
<td>Reading, Writing, &amp; Inquiry I</td>
</tr>
<tr>
<td>ENG-W 132</td>
<td>Elementary Composition 2</td>
</tr>
<tr>
<td>ENG-W 230</td>
<td>Science Writing</td>
</tr>
<tr>
<td>ENG-W 231</td>
<td>Professional Writing Skills</td>
</tr>
<tr>
<td>ENG-W 233</td>
<td>Intermediate Expository Writing</td>
</tr>
<tr>
<td>ENG-W 270</td>
<td>Argumentative Writing</td>
</tr>
<tr>
<td>ENG-W 290</td>
<td>Writing in the Arts &amp; Sciences</td>
</tr>
</tbody>
</table>

**Quantitative Reasoning (3-4 cr*)**

**Learning Outcomes:**
1. Interpret information that has been presented in mathematical form (e.g. with functions, equations, graphs, diagrams, tables, words, geometric figures).
2. Represent information/data in mathematical forms as appropriate (e.g. with functions, equations, graphs, diagrams, tables, words, geometric figures).
3. Demonstrate skill in carrying out mathematical (e.g. algebraic, geometric, logical, statistical) procedures flexibly, accurately, and efficiently to solve problems.
4. Analyze mathematical arguments, determining whether stated conclusions can be inferred.
5. Communicate which assumptions have been made in the solution process.
6. Analyze mathematical results in order to determine the reasonableness of the solution.
7. Cite the limitations of the process where applicable.
8. Clearly explain the representation, solution, and interpretation of the math problem.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJUS-K 300</td>
<td>Techniques of Data Analysis</td>
</tr>
<tr>
<td>ECON-E 270</td>
<td>Intro to Stat Theory Econ &amp; Bus</td>
</tr>
<tr>
<td>MATH-B 111</td>
<td>Math for Business, Soc Sci</td>
</tr>
<tr>
<td>MATH-E 111</td>
<td>Math for Elementary Edu</td>
</tr>
<tr>
<td>MATH-H 111</td>
<td>Mathematics for the Humanities</td>
</tr>
<tr>
<td>MATH-K 300</td>
<td>Stat Techniques for Health Professions</td>
</tr>
<tr>
<td>MATH-M 118</td>
<td>Finite Mathematics</td>
</tr>
<tr>
<td>MATH-M 119</td>
<td>Brief Survey of Calculus</td>
</tr>
<tr>
<td>MATH-M 123</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MATH-M 125</td>
<td>Pre-Calculus Mathematics</td>
</tr>
<tr>
<td>MATH-M 126</td>
<td>Trigonometric Functions</td>
</tr>
<tr>
<td>MATH-M 215</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MATH-M 216</td>
<td>Calculus II</td>
</tr>
</tbody>
</table>
### Scientific Ways of Knowing (5-6 cr*)

**Learning Outcomes:**
1. Explain how scientific explanations are formulated, tested, and modified or validated.
2. Distinguish between scientific and nonscientific evidence and explanations.
3. Apply foundational knowledge and discipline-specific concepts to address issues or solve problems.
4. Apply basic observational, quantitative, or technological methods to gather data and generate evidence-based conclusions.
5. Use current models and theories to describe, explain, or predict natural phenomena.
6. Locate reliable sources of scientific evidence to construct arguments related to real-world issues.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANAT-A 210</td>
<td>Elementary Human Anatomy</td>
</tr>
<tr>
<td>ANAT-A 215</td>
<td>Basic Human Anatomy</td>
</tr>
<tr>
<td>AST-A 100</td>
<td>The Solar System</td>
</tr>
<tr>
<td>AST-A 105</td>
<td>Stars and Galaxies</td>
</tr>
<tr>
<td>AST-A 150</td>
<td>Introductory Astronomy Lab</td>
</tr>
<tr>
<td>BIOL-L 101</td>
<td>Intro to Biological Sciences</td>
</tr>
<tr>
<td>BIOL-L 102</td>
<td>Intro to Biological Sciences</td>
</tr>
<tr>
<td>BIOL-L 108</td>
<td>Environment and Life</td>
</tr>
<tr>
<td>BIOL-L 114</td>
<td>Human Body 101</td>
</tr>
<tr>
<td>BIOL-L 150</td>
<td>Biology Freshman Seminar</td>
</tr>
<tr>
<td>BIOL-N 120</td>
<td>Topics in Biology</td>
</tr>
<tr>
<td>BIOL-N 150</td>
<td>Biology Freshman Seminar</td>
</tr>
<tr>
<td>BIOL-N 212</td>
<td>Human Biology</td>
</tr>
<tr>
<td>BIOL-N 213</td>
<td>Human Biology Lab</td>
</tr>
<tr>
<td>BIOL-Q 201</td>
<td>Biological Sciences for Elem Teachers</td>
</tr>
<tr>
<td>CHEM-C 100</td>
<td>The World of Chemistry</td>
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<tr>
<td>CHEM-C 100/C</td>
<td>The World of Chemistry/Chemistry</td>
</tr>
<tr>
<td>CHEM-C 101</td>
<td>Elementary Chemistry</td>
</tr>
<tr>
<td>CHEM-C 101/121</td>
<td>Elementary Chemistry/Lab</td>
</tr>
<tr>
<td>CHEM-C 105/125</td>
<td>Principles of Chemistry/Experimental Chemistry</td>
</tr>
<tr>
<td>CHEM-C 108</td>
<td>General Organic Biochemistry</td>
</tr>
<tr>
<td>CHEM-N 100</td>
<td>Nutrition</td>
</tr>
<tr>
<td>EDUC-Q 200</td>
<td>Intro to Scientific Inquiry</td>
</tr>
<tr>
<td>GEOL-G 108</td>
<td>Selected Earth Science Topics</td>
</tr>
<tr>
<td>GEOL-G 111</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>GEOL-G 112</td>
<td>Historical Geography</td>
</tr>
<tr>
<td>GEOL-G 210</td>
<td>Oceanography</td>
</tr>
<tr>
<td>MICR-J 200</td>
<td>Microbiology &amp; Immunology</td>
</tr>
<tr>
<td>MICR-J 201</td>
<td>Microbiology Lab</td>
</tr>
<tr>
<td>PHSL-P 201</td>
<td>General Physiol 1 Lect &amp; Lab</td>
</tr>
<tr>
<td>PHSL-P 215</td>
<td>Basic Human Physiology</td>
</tr>
<tr>
<td>PHYS-P 100</td>
<td>Physics in the Modern World</td>
</tr>
<tr>
<td>PHYS-P 104</td>
<td>Concepts in Physical Science</td>
</tr>
<tr>
<td>PHYS-P 110</td>
<td>Energy</td>
</tr>
<tr>
<td>PHYS-P 120</td>
<td>Energy and Technology</td>
</tr>
<tr>
<td>PHYS-P 201</td>
<td>General Physics 1</td>
</tr>
<tr>
<td>PHYS-P 221</td>
<td>Physics 1</td>
</tr>
</tbody>
</table>

### Social and Behavioral Ways of Knowing (6 cr)

**Learning Outcomes:**
1. Demonstrate knowledge of major concepts, theoretical perspectives, empirical patterns, or historical contexts within a given social or behavioral domain.
2. Identify the strengths and weaknesses of contending explanations or interpretations for social, behavioral, or historical phenomena.
3. Demonstrate basic literacy in social, behavioral, or historical research methods and analyses.
4. Evaluate evidence supporting conclusions about the behavior of individuals, groups, institutions, or organizations.
5. Recognize the extent and impact of diversity among
individuals, cultures, or societies in contemporary or historical contexts.

6. Identify examples of how social, behavioral, or historical knowledge informs and can shape personal, civic, ethical, or global decisions and responsibilities.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>ANTH-A 103</td>
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<td>ANTH-A 104</td>
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<td>CJUS-P 100</td>
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<td>CMCL-C 122</td>
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<td>ECON-E 103</td>
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<td>EDUC-P 250</td>
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<td>GEOG-G 110</td>
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<td>JOUR-J 110</td>
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<td>POLS-Y 103</td>
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<td>POLS-Y 109</td>
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<td>POLS-Y 212</td>
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<td>PSY-P 103</td>
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<td>Hist &amp; Analysis of Soc Wel Pol</td>
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<tr>
<td>WOST-W 200</td>
<td>Women in Society</td>
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</table>

Humanistic and Artistic Ways of Knowing (6 cr)

Learning Outcomes:

1. Recognize and describe humanistic, historical, or artistic works or problems and patterns of the human experience.
2. Apply disciplinary methodologies, epistemologies, and traditions of the humanities and the arts, including the ability to distinguish primary and secondary sources.
3. Analyze and evaluate texts, objects, events, or ideas in their cultural, intellectual or historical contexts.
4. Analyze the concepts and principles of various types of humanistic or artistic expression.
5. Create, interpret, or reinterpret artistic and/or humanistic works through performance or criticism.
6. Develop arguments about forms of human agency or expression grounded in rational analysis and in an understanding of and respect for spatial, temporal, and cultural contexts.
7. Analyze diverse narratives and evidence in order to explore the complexity of human experience across space and time.

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<td>ENG-L 204</td>
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<td>ENG-L 205</td>
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<td>ENG-L 225</td>
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<td>ENG-L 250</td>
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<td>FINA-F 100</td>
<td>Fundamental Studio Drawing</td>
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<td>FINA-H 100</td>
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<td>GER-G 100</td>
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<td>Music for the Listener II</td>
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<td>MUS-T 101</td>
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<td>WOST-W 201</td>
<td>Women in Culture: Intro to Women’s Studies</td>
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</tbody>
</table>

**Communication**

Because the list of acceptable courses for each General Education Competency may change from time to time, the Office of Academic Affairs will maintain a list of acceptable courses, including the effective dates for each course. For
the purpose of degree audits, this list should also include courses that are no longer available to meet the requirement.

**Transfer Students**

Transfer students may apply their transfer course work toward the General Education Competency even if the transferring course does not have an IU East equivalent. The student’s academic advisor, in consultation with the Unit Head, may approve a transfer course to be used to meet General Education requirements, provided that learning outcomes of such a course meet the applicable Statewide General Education Learning Outcomes.

**Statewide General Education Core**

Completion of the General Education Curriculum at Indiana University East meets the criteria for certification that the student has completed the Statewide General Education Core, as described in Indiana Code (IC) 21-42-3-2. Students transferring from other institutions with a certified completion of the Statewide General Education Core will not be required to complete any additional courses for the purpose of meeting requirements for the General Education Curriculum.

**Approval of Courses**

A course can meet the requirement of a General Education Competency only if this course is formally approved for this purpose by the Faculty Senate Curriculum Committee. The Curriculum Committee shall develop a procedure for this approval process, subject to the following stipulations:

1. Deans, Directors or Department Chairs (or designees, herein after: Unit Heads) of any School may propose a course that is housed within their unit to be applicable to a specific General Education Competency. This proposal shall include which Statewide General Education Learning Outcomes are addressed in this course, and how these outcomes will be assessed. Typically only 100- and 200-level courses should be considered for the purpose of meeting General Education Competencies, and typically all applicable Statewide General Education Learning Outcomes should be assessed. Exceptions are possible, but require compelling reasons.

2. If the proposed course is housed outside of the School/Department with primary responsibility for the General Education Category, the Unit Head of the responsible expert faculty will evaluate the suitability of the proposed course for meeting the Statewide General Education Learning Outcomes. In this case, the explicit approval of the Expert Faculty’s unit head is required for the request to proceed.

3. The Curriculum Committee will evaluate the course proposal. If approved, the Committee will inform the Deans, Faculty Senate and the Office of Academic Affairs of this action.

4. The Office of Academic Affairs will maintain and publish a list of courses that are available for meeting each General Education Competency.

**Removal of Courses**

The Curriculum Committee may rescind the approval of previously accepted courses upon petition by:

a) The School/Department offering the course (brief rationale required)

b) The School/Department housing the Expert Faculty responsible for the applicable category, if there is evidence that the course does not adequately meet the required learning outcomes

c) The Office of Academic Affairs, if the course is not being assessed, or if assessment data indicates that learning outcomes consistently fall short of expectations.

The Curriculum Committee will create standards and procedures for rescinding a course.

**Severability**

The provisions of this policy are severable. If a provision of this policy is held in violation of state or federal laws and regulations, or contrary to Indiana University policy, or otherwise invalid, only the affected part shall be void. This invalidity shall not affect other provisions of this policy which can be given effect without the invalid provisions.
Bachelor of Applied Science (BAS) (120 cr)

By completing a Bachelor of Applied Science, students supplement their technical expertise with skills in supervision, communication, accounting, and marketing—all skills that employers value in today’s competitive economy.

To be admitted to the Bachelor of Applied Science program, applicants must hold an Associate of Applied Science (AAS) from a regionally accredited institution. This degree can be completed on campus or online. To graduate, a total of 120 credit hours must be completed, broken down as follows:

**General Education (30 cr)**

Many, if not all general education requirements will transfer in from the Associate of Applied Science degree. Any remaining requirements will be completed through IU East. See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

**Applied Science Courses (48 - 51 cr)**

These credits will likely transfer in from the AAS degree.

**BAS Core Courses (18 cr)**

These courses will be taken through Indiana University. To fulfill the requirements of the BAS core, students take courses that prepare them to demonstrate knowledge and skills in:

- Accounting
- Economics
- Legal, ethical, social, and/or international topics
- Supervision
- Marketing
- Communication

Rather than choosing from a specific list of courses, students have the flexibility to choose from a range of courses that meet defined learning outcomes.

**Track Courses (12 cr)**

BAS students must choose from one of the three tracks listed below:

- Health care management
- Individualized
- Sustainability

Students take courses related to the track they choose. A capstone course helps integrate what students have learned.

**Electives (9-12 cr)**

Students must complete at least 120 credit hours to graduate. Elective courses are taken to reach the 120 credit hour requirement. Any course not specifically required can be taken as an elective.

Bachelor of Science in Business Administration (BSBA) (120 cr)

Earning the Bachelor of Science in Business Administration degree requires completion of 120 credit hours comprised of IU East General Education, School of Business & Economics requirements, and electives. A grade of C (2.0) or higher must be attained in all required business courses and specific general education courses.

**General Education Requirements (30 cr)**

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

The following required courses for the degree will also fulfill a portion of the General Education Requirements:

- Quantitative Reasoning: MATH-M 118 and ECON-E 270
- Social and Behavioral Ways of Knowing: ECON-E 103 or ECON-E 104

**First Year Seminar (0-3 cr)**

- UCOL-U 101 First Year Seminar (2 cr) or HON-H 100 Freshman Honors Seminar (3 cr)
  - Required for students who have never attended college as well as students transferring in less than 12 credit hours.
Business Administration Core Courses (57 cr)

- BUS-A 201 Introduction to Financial Accounting
- BUS-A 202 Introduction to Managerial Accounting
- BUS-D 301 International Business Environment
- BUS-F 301 Financial Management
- BUS-J 401 Administrative Policy
- BUS-J 404 Business and Society
- BUS-K 209 Fundamentals of Microsoft Office
- BUS-L 203 Commercial Law I
- BUS-M 301 Marketing Management
- BUS-P 301 Operations Management
- BUS-W 100 Principles of Business Administration
- BUS-W 311 New Venture Creation
- BUS-Z 301 Organizational Behavior and Leadership
- BUS-Z 440 Personnel and Human Resources Management
- ECON-E 103 Introduction to Microeconomics
- ECON-E 104 Introduction to Macroeconomics
- ECON-E 270 Introduction to Statistical Theory in Economics and Business
- IIM-I 300 Foundations and Principles of Integrated Information Management
- MATH-M 118 Finite Math

Concentrations (15-27 cr)

Students may select one of the following optional concentrations. Whether they opt to follow a concentration or not, all students must take enough courses to reach 120 credit hours total. These courses may also be used towards a certificate, a second concentration, or a minor.

Accounting (CPA) Concentration (27 cr)

- BUS-A 311 Intermediate Accounting I
- BUS-A 312 Intermediate Accounting II
- BUS-A 325 Cost Accounting
- BUS-A 328 Introduction to Taxation
- BUS-A 339 Advanced Income Taxation
- BUS-A 402 Accounting Ethics and Professional Development
- BUS-A 422 Advanced Financial Accounting
- BUS-A 424 Auditing and Assurance Services
- BUS-A 437 Advanced Management Accounting
- BUS-A 335 Accounting for Government and Not-For-Profit Entities
- BUS-A 411 Accounting Information Systems
- BUS-A 414 Financial Statement Analysis
- BUS-A 422 Advanced Financial Accounting
- BUS-A 424 Auditing and Assurance Services
- BUS-A 437 Advanced Management Accounting

Accounting (Managerial) Concentration (18 cr)

- BUS-A 311 Intermediate Accounting I
- BUS-A 312 Intermediate Accounting II
- BUS-A 325 Cost Accounting
- BUS-A 328 Introduction to Taxation
- BUS-A 402 Accounting Ethics and Professional Development
- BUS-A 335 Accounting for Government and Not-For-Profit Entities
- BUS-A 411 Accounting Information Systems
- BUS-A 414 Financial Statement Analysis
- BUS-A 437 Advanced Management Accounting

Computer Information Systems Concentration (17 cr)

- INFO-I 101 Introduction to Informatics (4 cr)
- INFO-I 210 Information Infrastructure I (4 cr)
- INFO-I 308 Information Representation
- BUS-P 330 Project Management
- BUS-S 310 System Analysis & Project Management

Economics Concentration (15 cr)

- BUS-F 345 Money, Banking, and Capital Markets
- ECON-E 337 Economic Development
- ECON-E 351 Law and Economics
- ECON-E 363 Environmental and Natural Resource Economics
- ECON-E 430 International Economics

Entrepreneurship Concentration (15 cr)

- BUS-A 328 Introduction to Taxation
- BUS-F 260 Personal Finance
- BUS-M 325 Selling
- BUS-W 408 Practicum in Small Business
- Choose 1 of the following seven electives:
  - BUS-A 411 Accounting Information Systems
  - BUS-M 405 Consumer Behavior
  - BUS-M 415 Advertising and Integrated Marketing Communications
  - BUS-W 301 Principles of Management

Finance Concentration (18 cr)

- BUS-A 414 Financial Statement Analysis
- BUS-F 345 Money, Banking, and Capital Markets
- BUS-F 420 Equity & Fixed Income Investment
- BUS-F 444 Applications in Financial Management
- BUS-F 446 Bank & Financial Intermediation
- BUS-F 494 International Finance

Marketing Concentration (15 cr)

- BUS-M 346 Analysis of Marketing Data
- BUS-M 405 Consumer Behavior
- BUS-M 415 Advertising and Integrated Marketing Communications
- Choose 2 of the following three electives:
  - BUS-M 325 Selling
  - BUS-M 401 International Marketing
Students must complete at least 120 credit hours to graduate. Elective courses are taken to reach the 120 credit hour requirement. Any course not specifically required can be taken as an elective.

Electives (12-42 cr)

Students must complete at least 120 credit hours to graduate. Elective courses are taken to reach the 120 credit hour requirement. Any course not specifically required can be taken as an elective.

Bachelor of Science in Business Administration (BSBA) Online Completion Program

The online business degree completion program in Business Administration consists of 19 courses to be completed over four semesters. Advisors will work with students and, based on their background, develop an individual plan of study.

The degree requires 120 credit hours to graduate, with no more than 64 credit hours transferred in from 2-year institutions or community colleges. In addition, all IU East General Education requirements must be met. Prior transcripts will be evaluated to determine the completion of general education requirements.

Optional online concentrations are available in Accounting (CPA), Accounting (Managerial), Computer Information Systems (CIS), Economics, Entrepreneurship, Finance, and Marketing. These concentrations may take additional time to complete. Please consult with your academic advisor for more information.

The program can be started in either the fall, spring, or summer semesters.

Sample Program Curriculum (57 cr)

Semester 1

- BUS-A 201 Introduction to Financial Accounting
- BUS-K 209 Fundamentals of Microsoft Office
- BUS-W 100 Principle of Business Administration
- ECON-E 103 Introduction to Microeconomics
- MATH-M 118 Finite Math

Semester 2

- BUS-A 202 Introduction to Managerial Accounting
- BUS-L 203 Commercial Law I
- BUS-Z 301 Organizational Behavior and Leadership
- ECON-E 104 Introduction to Macroeconomics
- ECON-E 270 Introduction to Statistical Theory in Economics and Business

Semester 3

- BUS-D 301 International Business Environment
- BUS-F 301 Financial Management

- BUS-M 480 Professional Practice in Marketing or BUS-W 408 Practicum in Small Business
- BUS-M 301 Marketing Management
- BUS-P 301 Operations Management
- IIM-I 300 Foundations and Principles of Integrated Information Management

Semester 4

- BUS-J 401 Administrative Policy
- BUS-J 404 Business and Society
- BUS-W 311 New Venture Creation
- BUS-Z 440 Personnel and Human Resources Management

Master of Science in Management (MSM) (36 cr)

The IU East Master of Science in Management is a 15-month weekend program designed for employed professionals seeking a graduate-level business degree.

The program provides a highly interactive learning environment that includes analysis, communication, leadership, and innovative thinking. The learning outcomes are designed to help individuals sharpen their entrepreneurial and leadership skills to take their careers to the next level through focused self-assessment, project based learning, and peer interaction.

Admission Requirements

The IU East Master of Science in Management is designed for individuals who performed well academically in a wide range of degrees at the undergraduate level. A degree in business is not required.

Applicants should have at least two years of employment in either a management position or position leading to management. The admission process balances academic performance (undergraduate GPA), individual life and career goals (as described in the application essays), and assessment of past performance and future potential (to be provided in recommendations from key individuals).

Applications for the next cohort are accepted on an ongoing basis. Cohorts begin in January and August.

Application packets require:

1. Application Fee (paid online during the online application process)
2. Resume (submitted as an attachment to the online application)
3. Official transcripts
4. Three recommendation, one from a recent employer (e-mails with instructions will automatically be sent to those indicated in the online application once the application is submitted)
5. Two candidate essays:
• Essay 1 is a 500-word essay in which the applicant describes how this program fits their personal and career goals.
• Essay 2 is a 500-word essay in which applicant takes a position on one of the these three issues:
  o What are some of the challenges an individual business manager or executive faces in establishing a value-based, ethical culture within an organization?
  o What are three critical characteristics of effective leadership, and why are these characteristics more important than others?
  o In what ways can a business balance profitability with being a productive community partner?

Curriculum Overview

The program begins and ends with a 3-day intensive session. Each semester will include 6 weekend sessions (Friday from 5:30 - 8:30pm and Saturday from 8:30am - 4:30pm) augmented by online individual and team course work.

Semester 1
• BUEA-M 550 Leadership and Motivation
• BUEA-M 551 Organizational Learning and Change Management
• BUEA-M 552 Managerial Research

Semester 2
• BUEA-M 553 Managerial Use of Financial Information
• BUEA-M 554 Marketing Management
• BUEA-M 555 Managerial Economics

Semester 3
• BUEA-M 556 Managerial Application of Information
• BUEA-M 557 Contemporary Managerial Ethical Issues
• BUEA-M 558 Human Resource Management

Semester 4
• BUEA-M 559 Global Leadership
• BUEA-M 560 Strategic Management
• BUEA-M 561 Management Project

MINORS & CERTIFICATES

Minor in Economics (15 cr)

The Economics Minor delivers the core foundation of general economic theory while allowing students to select electives that fit their area of interest. Techniques, tools and principles are used to provide training in logical reasoning applicable to production concerns, consumption of goods & services, analysis of economic performance, and economic policy. With the completion of this minor, students will develop practical and analytical skills that are useful in a variety of professional business fields.

Course Requirements (15 cr)
• ECON-E 103 Introduction to Microeconomics
• ECON-E 104 Introduction to Macroeconomics
• Choose 3 of the following four electives:
  o ECON-E 337 Economic Development
  o ECON-E 351 Law and Economics
  o ECON-E 363 Environmental and Natural Resource Economics
  o ECON-E 430 International Economics

Minor in Entrepreneurship (18 cr)

The Minor in Entrepreneurship provides the fundamental tools and skills necessary for those who aspire to start their own business. In addition, many companies rely on the entrepreneurial skills of their employees to innovate and seize opportunities in order to grow the company. Business and marketing courses instruct on creative strategies to deal with the ever changing economy. Technical courses teach the basic skills necessary to succeed in business. The minor provides core foundations of entrepreneurial thinking which compliments several other disciplines and majors.

Course Requirements (18 cr)
• BUS-W 100 Principles of Business Administration
• BUS-A 201 Introduction to Financial Accounting
• BUS-M 300 Introduction to Marketing or BUS-M 301 Marketing Management
• BUS-W 311 New Venture Creation
• Choose 2 of the following six electives:
  o BUS-A 328 Introduction to Taxation
  o BUS-F 260 Personal Finance
  o BUS-M 325 Selling
  o BUS-M 405 Consumer Behavior
  o BUS-M 415 Advertising and Integrated Marketing Communications
  o BUS-W 408 Practicum in Small Business

Minor in Financial Forensic Investigations (24 cr)

The Financial Forensic Investigations Minor combines select courses in accounting and criminal justice to prepare students for careers in forensic accounting, forensic examination and fraud investigation. Because of increases
in fraud, graduates with a foundational knowledge of how to deter and detect fraud are in high demand. After completing the minor, students will be equipped and prepared to take the Certified Fraud Examiner (CFE) and Certified in Financial Forensics (CFF) exams. Accounting students who need to fulfill credit hour requirements for the Certified Public Accounting (CPA) exam should consider this minor.

**Course Requirements (24 cr)**

- BUS-A 201 Introduction to Financial Accounting
- BUS-A 318 Fraud Examination I
- BUS-A 350 Principles of Forensic Accounting
- BUS-A 465 Financial Investigations
- CJUS-P 100 Introduction to Criminal Justice*
- CJUS-P 320 Criminal Investigations
- CJUS-P 376 Procedural Criminal Law
- CJUS-P 457 Seminar in White Collar Crime

*CJUS-P 100 can also be used to fulfill one of the Social Behavioral Competency (General Education) course requirements.

**Minor in Marketing (15 cr)**

The Marketing Minor provides fundamental instruction in advertising, promotions, public relations, sales, and consumer behavior. Students will gain an understanding of contemporary marketing practices, the consumer buying decision process, and common marketing problems and challenges. Students taking the minor will have the opportunity to apply what they learn through work on real-world projects and participation in national competitions.

**Course Requirements (15 cr)**

- BUS-M 300 Introduction to Marketing or BUS-M 301 Marketing Management
- BUS-M 405 Consumer Behavior
- Choose 3 of the following four electives:
  - BUS-M 325 Selling
  - BUS-M 346 Analysis of Marketing Data
  - BUS-M 401 International Marketing
  - BUS-M 415 Advertising and Integrated Marketing Communications

**Minor in Sports Marketing and Management (15 cr)**

The Sports Marketing and Management Minor combines business as well as health and sports education courses to prepare students for careers in sports management or marketing. Completion of this minor will assist in developing skills needed for employment in various areas of sports such as: intercollegiate athletic conferences and associations, public and private sports facilities, corporate wellness programs, as well as secondary and post-secondary athletic programs.

**Course Requirements (15 cr)**

- BUS-F 260 Personal Finance or BUS-F 301 Financial Management
- BUS-M 300 Introduction to Marketing or BUS-M 301 Marketing Management
- BUS-W 100 Principles of Business Administration
- HPER-P 211 Introduction to Sports Marketing
- HPER-P 328 Issues in Intercollegiate Athletics

**Certificate in International Business (15 cr)**

The Certificate in International Business is intended to provide a basic understanding of the international business environment and to equip students for employment in international business. It is available to both degree seeking and non-degree seeking students. The Certificate can be completed entirely online.

**Course Requirements (15 cr)**

- BUS-D 301 International Business Environment
- BUS-F 494 International Finance
- BUS-M 401 International Marketing
- ECON-E 430 International Economics
- Choose 1 of the following four electives:
  - BUS-X 485 Overseas Study
  - GEOG-G 110 Introduction to Human Geography
  - POLS-Y 107 Introduction to Comparative Politics
  - Any French, German, or Spanish Language Course

**COURSE DESCRIPTIONS**

**Accounting**

**BUS-A 201 Introduction to Financial Accounting (3 cr)**

Covers the various concepts of financial accounting and its role in the business environment. Topics covered include the accounting cycle, financial statements, financial analysis, current assets, long-term assets, current liabilities, long-term liabilities, stockholders’ equity, and the various users of financial accounting information.
• Offered online and in class in fall and spring semesters
• Offered online in summer semester

BUS-A 202 Introduction to Managerial Accounting (3 cr)
Focuses on the accounting information needs of the various levels of internal management within an organization. Internal reporting is directed at three major areas of management responsibility: cost determination, planning and control, and long-term decision-making.
• Offered online and in class in fall and spring semesters
• Offered online in summer semester
• Prerequisite: BUS-A 201

BUS-A 311 Intermediate Accounting I (3 cr)
This course involves the study of the underlying concepts of financial reporting, revenue recognition, the matching of expenses, and accounting for assets. Moreover, financial statement presentation is studied as well as accounting procedures from the perspectives of different stakeholders.
• Offered online and in class in fall semesters
• Prerequisite: BUS-A 202

BUS-A 312 Intermediate Accounting II (3 cr)
A continuation of the study of Intermediate Accounting I (BUS-A 311) including the principles governing financial reporting of liabilities, investments, deferred taxes, revenue and stockholder’s equity. Preparation of the cash flow statement and disclosure information are also examined.
• Offered online and in class in spring semesters
• Prerequisite: BUS-A 311

BUS-A 318 Fraud Examination I (3 cr)
Provides an introduction to the fundamentals of fraud examination including defining fraud and white-collar crime, identifying occupational fraud schemes, creating systems to prevent and respond to fraud, and ethics.
• Offered online in spring semester
• Prerequisite: BUS-A 201

BUS-A 325 Cost Accounting (3 cr)
This course concentrates on the measurement of costs and how they become part of the formal accounting information system. Areas covered include cost terminology and business decision analysis, budgeting and performance reporting, and capital budgeting.
• Offered online and in class in fall semester
• Prerequisite: BUS-A 202

BUS-A 328 Introduction to Taxation (3 cr)
Explains the federal tax structure and provides training in the application of tax principles as they pertain to individuals. The course covers the federal tax laws and regulations as well as taxation theory, tax research and planning techniques.
• Offered online and in class in fall semester
• Prerequisite: BUS-A 201

BUS-A 335 Accounting for Government and Not-for-Profit Entities (3 cr)
The course introduces fund accounting for governmental units, colleges and universities, hospitals, voluntary health and welfare entities, and other not-for-profit organizations.
• Offered online in fall semester
• Prerequisite: BUS-A 201

BUS-A 336 Internship in Accounting (1-6 cr)
Provides the opportunity for students to earn college credit while working in the accounting field. Many students find internships during tax season (January – May) with public accounting firms.
• Offered every semester
• Prerequisite: Permission of Instructor

BUS-A 339 Advanced Income Tax (3 cr)
Covers the Internal Revenue Code and Regulations, advanced aspects of income, deduction, exclusions, and credits, especially as applied to tax issues of partnerships and corporations.
• Offered online in spring semester
• Prerequisite: BUS-A 328

BUS-A 350 Principles of Forensic Accounting (3 cr)
The course provides an introduction to forensic accounting fundamentals including defining forensic accounting as a practice, the use of accounting and financial information in forensic engagements, and legal concepts and procedure. The course will also provide instruction on specialized litigation type services performed by forensic accountants.
• Offered online in fall semester
• Prerequisite: BUS-A 201

BUS-A 402 Accounting Ethics and Professional Development (3 cr)
Capstone course for both accounting concentrations. This course covers various ethical theories as they relate to the practice of accounting. In addition, professional codes of
conduct and responsibilities are covered. The professional development of accountants including the use of social media, resume building, interview skills, and professional certifications will also be covered.

- Offered online in spring semester
- Prerequisites: BUS-A 311, Senior Standing

**BUS-A 411 Accounting Information Systems (3 cr)**

Covers the setup, use, maintenance and auditing of the two most popular small business accounting software programs; QuickBooks and Sage 50 (formerly Peachtree). Additionally, students will learn how to use Excel to calculate depreciation schedules as well as loan and bond amortization tables.

- Required hardware: Students must have access to a PC computer running Microsoft Windows XP or above and have the ability to install course supplied software on the computer. Course supplied software does not work on Apple computers.
- Offered online in fall semester
- Prerequisite: BUS-A 201

**BUS-A 414 Financial Statement Analysis (3 cr)**

The main objective of this course is to reinforce the critical understanding of accounting and economic concepts as they apply to a company’s performance and financial position. To thoroughly understand a company’s financial position, the analyst must have some accounting forensic skills useful in critically analyzing financial reports. The course is application based where students will use financial statements to identify value-creating opportunities and risks from the viewpoints of different stakeholders. Some of the analytical tools covered in the course include ratios, common size financial statements, as well as vertical and trend analysis.

- Offered online in spring semester
- Prerequisite: BUS-A 311 or BUS-F 301

**BUS-A 422 Advanced Financial Accounting I (3 cr)**

This course focuses on business combinations, consolidated financial statements, foreign currency transactions and translations as well as on fiduciary, partnership, and international accounting.

- Offered online in fall semester
- Prerequisite: BUS-A 312

**BUS-A 424 Auditing and Assurance Services (3 cr)**

Covers the processes used by both internal and external auditors including acceptance of an audit, the review of internal control systems, verification of accounts, and completion of an audit report.

- Offered online in spring semester
- Prerequisite: BUS-A 311

**BUS-A 437 Advanced Management Accounting (3 cr)**

Covers strategic cost management practices including activity-based management, activity-based budgeting and activity-based costing, target costing, theory of constraints, quality costs, the cost of capacity, the balanced scorecard, and performance measures for automated factories. Students will learn enhanced problem solving skills, increased critical thinking skills, and improved presentation and speaking skills.

- Offered online in spring semester
- Prerequisite: BUS-A 325

**BUS-A 465 Financial Investigations (3 cr)**

Capstone course for Minor in Financial Forensic Investigations. Topics covered include managing fraud investigations, interviewing, taking statements, researching public records, and report writing.

- Offered online in spring semester
- Prerequisites: BUS-A 318, BUS-A 350

**Business Management**

**BUS-D 301 International Business Environment (3 cr)**

The national and international aspects of international business. Examines the cultural, political, economic, systemic, legal-regulatory, trade, and financial environments and how they affect the international business activities of firms in the United States and in selected other countries.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester

**BUS-J 401 Administrative Policy (3 cr)**

This is the capstone course for the business program. Students in the Bachelor of Science in Business Administration program must take this course to graduate. The course consists of case studies covering the history and politics of major corporations. This course also
requires students to take an exit examination covering the entire business program.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester
- Prerequisites: BUS-F 301, BUS-P 301, Senior Standing

**BUS-J 404 Business and Society (3 cr)**

Major ethical theories are examined in order to provide a basis for analyzing ethical behavior in the business environment. Issues such as economic competition, discriminatory practices, manipulation of power, environmental conservation, technology, stakeholders’ relations and organizational and societal cultures are investigated.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester

**BUS-L 203 Commercial Law I (3 cr)**

Law of business organizations and their liabilities.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester

**BUS-P 301 Operations Management (3 cr)**

Introduction to the design and management of manufacturing and service operations. Students will learn to recognize the basic tradeoffs associated with operations management decisions, to identify and quantify operating characteristics of different manufacturing and service systems, and to apply a variety of tools and techniques used by operations managers. Topics include process management, quality performance, constraint management, lean systems, forecasting and inventory management, operations planning and scheduling, supply chain design, logistics, and supply chain sustainability.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester
- Prerequisite: ECON-E 270

**BUS-P 330 Project Management (3 cr)**

The course focuses on project management techniques. Topics that will be covered in the course include project scope, work breakdown structure, project risk and uncertainty, project scheduling, project budgets, and resource allocation. Simulations will also be used to enhance student learning of project management techniques.

- Offered online in spring semester

**BUS-W 100 Principles of Business Administration (3 cr)**

Principles of business administration from the standpoint of the manager of a business firm operating in the contemporary economic, political, social, and international environment.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester

**BUS-W 301 Principles of Management (3 cr)**

Covers the historical development of management theory, the nature of organizations, and the role of the manager within formal organizations. Introduction to the management processes and to current theories of management and organizations including open systems, sociotechnical system, and contingency approaches to an understanding of the management processes and practices.

- Offered online in fall and spring semesters

**BUS-W 311 New Venture Creation (3 cr)**

This course covers the steps necessary to start a new business. It emphasizes personal rather than corporate goals and strategy, and problems on creation, rather than management of an enterprise. Each student develops a business plan for a new company.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester
- Prerequisite: BUS-A 201

**BUS-W 408 Practicum in Small Business (3 cr)**

In this internship course the theory, knowledge, and techniques learned in previous business courses are put into practice.

- Offered every semester
- Prerequisite: Permission of Instructor

**BUS-W 430 Organizations and Organizational Designs (3 cr)**

This class introduces the principles of organization design - the blueprint by which different parts of the organization (e.g., production, marketing, financial, accounting, and computer information systems) fit together to create an effective organization. Organization design provides the means by which strategy and goals are implemented so it is as important to a firm’s overall performance as financial performance, operational efficiencies or market share.

- Offered online in fall semesters
- Prerequisite: BUS-Z 301
BUS-W 480 Professional Practice in Management (1-6 cr)

Provides work experience in cooperating firm or agency. Comprehensive written report required.

- Graded on S/F basis
- Offered every semester
- Prerequisite: Permission of Instructor

BUS-X 410 Business Career Planning and Placement (1 cr)

Assists students in obtaining positions consistent with career goals. Career planning, organized employment campaign, job-application methods, interviewing, and initial conduct on the job.

- Offered online in fall and spring semesters

BUS-X 485 Overseas Study (3 cr)

This course combines lectures and discussion on current topics relating to the international environment of business and economy with an immersive learning experience in another country.

- Passport required
- Student is responsible for trip fees which are determined by instructor
- Offered occasionally – ask an academic advisor
- Prerequisite: Permission of Instructor

BUS-Z 301 Organizational Behavior & Leadership (3 cr)

Nature of human behavior in organizations as a function of the individual, the groups within which one interacts, and the organizational setting. Emphasis on applications of behavioral science concepts and findings to individual behavior and organizational performance.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester

BUS-Z 440 Personnel: Human Resources Management (3 cr)

Nature of human resource development and utilization in American society and organizations, government programs and policies, labor force statistics, organization of personnel departments, personnel planning, forecasting, selection, training, and development. Integration of government and organizational human resource programs.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester
- Prerequisite: BUS-Z 301

BUS-Z 441 Wage and Salary Administration (3 cr)

Survey of problems faced by modern managers of compensation systems. In-depth look at the role 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.

- Offered online in fall semester
- Prerequisite: BUS-Z 440

Computer Science

CSCI-A 110 Introduction to Computers and Computing (3 cr)

Covers the basic principles of computers and software as well as the social and lifestyle effects of information technology. Emphasis on problem solving techniques using productivity software.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester

Computer Systems

BUS-K 209 Fundamentals of Microsoft Office (3 cr)

The course covers the fundamentals of Microsoft Office business applications: PowerPoint, Word, Excel, and Access with emphasis on Excel.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester

BUS-S 310 Systems Analysis and Project Management (3 cr)

Analysis of an organization and the subsequent design of solutions to meet business requirements are at the heart of the information systems field. This course follows a structured process called the systems development life cycle that companies use to identify and solve business problems. Alternative methodologies are also covered. Students learn tools and techniques for conducting projects, including: how to gather system requirements, how to identify project feasibility, how to construct models of business processes using data flow diagrams, and how to implement a new solution. While this course emphasizes the system analyst’s role, all business students can benefit from the ability to analyze the processes, data, and
computer systems that they will encounter in their work. This knowledge will also benefit students when working with the system analyst to define strategic business solutions.

- Offered online in the fall semester
- Prerequisite: INFO-I 101

### Economics

#### ECON-E 103 Introduction to Microeconomics (3 cr)

Scarcity, opportunity cost, competitive and noncompetitive market pricing, and interdependence are applied to a variety of current economic policy problems, such as poverty, pollution, excise taxes, rent controls, and farm subsidies.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester

#### ECON-E 104 Introduction to Macroeconomics (3 cr)

Measuring and explaining aggregate economic performance, money, and monetary policy, using a variety of current economic policy problems, such as inflation, unemployment, and economic growth.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester

#### ECON-E 270 Introduction to Statistical Theory in Economics and Business (3 cr)

Covers descriptive statistics (tables, graphs, and numerical measures), probability, discrete distributions, the normal distribution, sampling distributions, hypothesis testing, confidence intervals, regression, and other statistical topics.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester

#### ECON-E 337 Economic Development (3 cr)

Characteristics of economically underdeveloped countries. Obstacles to sustained growth; planning and other policies for stimulating growth; examination of development problems and experience in particular countries.

- Offered online and in class in fall semester
- Prerequisites: ECON-E 103, ECON-E 104

#### ECON-E 351 Law and Economics (3 cr)

Economic analysis of law, focusing on the economic efficiency of common law. Main components of the course are property law, contracts, and torts; some aspects of criminal law are also covered. Discussions are based mostly on examples, both invented and taken from actual cases.

- Offered online and in class in spring semester
- Prerequisites: ECON-E 103, ECON-E 104

#### ECON-E 363 Environmental and Natural Resource Economics (3 cr)

Basic theory and policy of such topics as pollution, resource depletion, environmental risk, and resource conservation. Issues covered include: limits to growth, quality of life, and the appropriate roles for the private market and federal control.

- Offered online in fall semester
- Prerequisites: ECON-E 103, ECON-E 104

#### ECON-E 430 International Economics (3 cr)

Gains from trade, relation between factor rentals and goods prices, distributional effects of trade, tariff policy and quantitative interferences, trade problems of developing countries, discrimination and customs unions, balance-of-payments adjustment via prices and incomes, exchange rate policy, and the role of international reserves.

- Offered online in spring semester

### Finance

#### BUS-F 151 Personal Finances of the College Student (1 cr)

Introduction to the basic planning tools and concepts for college-age financial literacy. Emphasis on financial decisions and challenges facing a typical college student. Topics include: careers, goal setting, budgeting, tax planning and credit, including options for financing higher education.

- Students who have taken BUS-F 260 will not receive credit for this course.
- BUS-F 151, BUS-F 152 and BUS-F 251 taken together and successfully completed are equivalent to BUS-F 260.
- May also be taken independently from course grouping.

- Offered online in fall and spring semesters

#### BUS-F 152 Basic Financial Planning and Investment (1 cr)

Introduction to the basic planning tools and concepts for financial literacy into adulthood and retirement. Emphasis on analyzing, selecting and managing investments over a
lifetime. Topics include: time value of money, financial statements, retirement objectives, and investing in various financial assets.

- Students who have taken BUS-F 260 will not receive credit for this course.
- BUS-F 151, BUS-F 152 and BUS-F 251 taken together and successfully completed are equivalent to BUS-F 260.
- May also be taken independently from course grouping.
- Offered online in fall and spring semesters

BUS-F 251 Managing Personal and Financial Risk (1 cr)

Introduction to the basic planning tools and concepts for effective risk management. Emphasis on determining, analyzing and managing lifestyle and career factors contributing to financial risk. Exploration of uses, suitability and advantages of various insurance products for major risks.

- Students who have taken BUS-F 260 will not receive credit for this course.
- BUS-F 151, BUS-F 152 and BUS-F 251 taken together and successfully completed are equivalent to BUS-F 260.
- May also be taken independently from course grouping.
- Offered online in fall and spring semesters

BUS-F 260 Personal Finance (3 cr)

Financial problems encountered in managing individual affairs, family budgeting, installment buying, insurance, home ownership, and investing in securities.

- Offered online in fall and spring semesters

BUS-F 301 Financial Management (3 cr)

Conceptual framework of the firm’s investment, financing and dividend decisions. Includes working capital management, capital budgeting, and capital structure strategies.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester
- Prerequisite: BUS-A 201

BUS-F 345 Money, Banking, and Capital Markets (3 cr)

An analysis of the interrelated financial systems of central banks, private banks, and other sources of financial capital. Theoretical, empirical, policy and institutional issues are analyzed using economics and finance. Topics include the theory of money demand and supply, monetary policy and central banks, interest rate determination, financial intermediaries, and international financial markets.

- Offered online in fall semester
- Prerequisite: ECON-E 104

BUS-F 420 Equity and Fixed Income Investment (3 cr)

Conceptual and analytical frameworks for formulating investment policies, analyzing securities, and constructing portfolio strategies for individuals and institutions.

- Offered online in fall semester
- Prerequisite: BUS-F 301

BUS-F 444 Applications in Financial Management (3 cr)

An analytical approach to problems facing the financial executive. Cases selected cover financial decision-making processes with particular emphasis on valuation, working capital, capital budgeting, capital structure, and dividend policies. In addition, the course will utilize the computer in solving a variety of financial problems.

- Offered online in spring semester
- Prerequisite: BUS-F 301

BUS-F 446 Bank and Financial Intermediation (3 cr)

The main topics include: the economic role of financial intermediaries with an emphasis on commercial banks; the evolution of markets in which banks and other financial intermediaries operate; and the regulation of commercial banks and other financial institutions.

- Offered online in fall semester
- Prerequisite: BUS-F 301

BUS-F 494 International Finance (3 cr)

Course topics include the financial management of foreign operations of the firm, financial constraints of the international environment and their effect on standard concepts of financial management; and the study of international currency flows, forward cover, and banking practices.

- Offered online in spring semester

Integrated Information Management

IIM-I 300 Foundations and Principles of Integrated Information Management (3 cr)

Introduction to concepts of management information systems; techniques for information sharing; hardware and
software standards, supporting end users and using microcomputers as workstations. The course also covers related ethical issues.

- Offered online and in class in fall and spring semesters
- Offered online in summer semester

### Marketing

**BUS-M 300 Introduction to Marketing (3 cr)**

Examination of the market economy and marketing institutions in the United States; decision making and planning from the manager’s point of view; and the impact of marketing actions from the consumer’s point of view.

- For non-business students only. Does not fulfill the requirement for the B.S. in Business Administration degree.

**BUS-M 301 Marketing Management (3 cr)**

Overview of marketing. Marketing planning and decision making examined from the firm’s and consumer’s viewpoints, marketing concepts and implications, integration of marketing with other functions of the firm, and international aspects of marketing.

- Prerequisites: BUS-W 100, BUS-A 201

**BUS-M 325 Selling (3 cr)**

The role of selling in the economy, in the organization, and in marketing management. Selling as a profession. The dynamics of salesperson-customer interaction. Skills, techniques, and strategies of selling.

- Offered online in fall semester
- Prerequisite: BUS-M 300 or BUS-M 301

**BUS-M 346 Analysis of Marketing Data (3 cr)**

Develops skills needed to manage, evaluate, analyze, and display marketing data. Topics include: data coding, data analysis using statistical software, attitude measurement and scaling, graphic display of data, data-driven market segmentation, and competitor analysis. Emphasis is on using database systems to accomplish specific objectives. The course also covers the nature and sources of scanner data, micro-merchandising systems and analysis tools for databases.

- Offered online in spring semester
- Prerequisites: BUS-M 300 or BUS-M 301, ECON-E 270

**BUS-M 401 International Marketing (3 cr)**

Covers world markets, their respective consumers, and their political and economic marketing environments.

- Offered online in fall semester

**BUS-M 405 Consumer Behavior (3 cr)**

Description and explanation of consumer behavior in retail markets. Topics include: demographic, socioeconomic, psychographic, attitudinal, and group influences on consumer decision making. Applications to promotion, product design, distribution, pricing, and segmentation strategies.

- Offered online in fall semester
- Prerequisite: BUS-M 300 or BUS-M 301

### Master of Science in Management Courses

**BUEA-M 550 Leadership and Motivation (3 cr)**

Provides effective leadership examination with the use of employee rewards for human motivation in a complex and diverse working environment. Topics include emerging leadership concepts such as transformational and visionary leadership, leadership integrity and stewardship.

**BUEA-M 551 Organizational Learning and Change Management (3 cr)**

Examines components of organizational change and organizational design for learning in addition to increasing the capability for assessing and building knowledge.
BUEA-M 552 Managerial Research (3 cr)

The course will involve the use of appropriate research methods for different types of management problems focused on needs and benefits. A literature search and review with critical evaluation of published managerial research reports and papers, analyzing and presenting qualitative and quantitative data, and writing the research report will be conducted.

BUEA-M 553 Managerial Use of Financial Information (3 cr)

Students will analyze information contained in company financial reports and other related financial market information with an emphasis on the uses of this information by managers for planning and control. Topics include: financial reporting, financial statement analysis, ratio analysis, risk and return, reading of financial pages and the use of financial markets and institutions.

BUEA-M 554 Marketing Management (3 cr)

Explores the integrated approach of marketing management elements with an emphasis on practical application of marketing theories. The course focuses on providing ideas for approaching marketing decisions, providing a common language for decision-making, and opportunities to evaluate and respond to common marketing management problems.

BUEA-M 555 Managerial Economics (3 cr)

Management operates within a web of economic forces. This course introduces managers to the wide range of economic theories and the phenomena that explain these forces including the theory of price and profit determination, the U.S. Federal Reserve System’s role, and the U.S. Federal Government’s impact on economic policies.

BUEA-M 556 Managerial Application of Information (3 cr)

How managers can use technology and information systems for ethical decision-making and problem solving in a global economy. Topics include integrating and using technology and information systems as a strategic resource for planning, continuous quality improvement, and communications.

BUEA-M 557 Contemporary Managerial Ethical Issues (3 cr)

Students will analyze management cases as a perspective on contemporary and anticipated issues of corporate social responsibility. Additionally, ethical and moral questions are examined as well as analyzing which organizations are acting as open systems when interacting with local, national, and global communities.

BUEA-M 558 Human Resource Management (3 cr)

Explores how decisions about human resources (HR) contribute to an organization’s overall effectiveness. Additionally, the course integrates human resource activities with the organization’s strategic planning objectives. Students will study both traditional and contemporary human resource issues from a practitioner’s perspective.

BUEA-M 559 Global Leadership (3 cr)

Provides a practical framework to understand and analyze differences in ethical and leadership issues as they arise in domestic and global business settings. The tools and their application by organizations and individuals are explored to demonstrate making effective decisions, solving problems, managing change, and adjusting strategy. Topics include cultural comparisons of ethics, social responsibility and leadership, the crucial and distinctive functions of management versus leadership in ethics in an international setting, and the role of leadership in balancing firm profitability.

BUEA-M 560 Strategic Management (3 cr)

Covers long-term managerial decisions and actions applied to the organization’s pursuit of a sustainable competitive advantage. Also introduced are the concepts and processes underlying environmental scanning, strategy formulation, implementation, and control. Students will apply this knowledge in a case analysis that also addresses the roles of leadership and coordination in successful strategizing.

BUEA-M 561 Management Project (3 cr)

In this capstone course, the student will synthesize and integrate the conceptual and theoretical knowledge and understanding acquired in the curriculum by developing a management plan.
The Indiana University East School of Education is accredited by CAEP (Council for the Accreditation of Educator Preparation,) 1140 19th St. NW, Suite 400, Washington, DC 20036.

If interested in a Bachelor of Science in Elementary Education without state certification (Internship Program,) please see your academic advisor. Note: this does not require state examinations.

**DEGREE PROGRAMS**

**Teacher Education Program (TEP): Elementary**

Admission to the Teacher Education Program (TEP) is a separate process. Students intending to enter the TEP must meet several requirements. Application forms are to be completed and given to the School of Education Admissions and Retention Committee chair within two weeks of the semester in which you intend to enter methods classes.

Students must pass the Pearson CASA exam at or above the required state minimum or have sufficient ACT or SAT scores on file prior to admission. Please check the School of Education website for the most current state minimum scores. There is also a School of Education writing sample and interview process that must be passed.

**Course Prerequisites**

Students must have the following courses completed with a GPA of 2.5 or better prior to applying:

- ENG-W 131 with a C or better
- SPCH-S 121 with a C or better
- EDUC-F 205 Study of Education and Practice of Teaching
- EDUC-M 201 Laboratory / Field Experience
- EDUC-Q 200 Scientific Inquiry
- HIST-H 105 or 106 U.S. History
- EDUC-N 102 Mathematics for Elementary Teachers
- EDUC-P 250 General Education / Psychology

Students will not be permitted to enroll in methods courses until admission to teacher education is complete.

**Student Teaching**

Students must apply by December 1st of the year before they plan to student teach. (Ex. If you plan to student teach Fall 2018 or Spring 2019, you must apply by December 1 of 2017.)

The following academic requirements must also be met:

- All the methods courses must be completed and must have a 3.0 Average and no grade lower than a C+
- All lab/field experience courses must be completed with an “S” (satisfactory) grade
- Cumulative GPA of 2.7 or better must be achieved
- Humanities, Sciences, Math, and Social Studies coursework must have a cumulative GPA of 2.5 each
- Interview with the Director of Field Experiences
- Must pass pre-student teaching portfolio

**Graduation**

Students must meet the following requirements to graduate:

- Cumulative GPA of 2.7 or better
- Student Teaching and Capstone successfully completed

**Licensure**

Students who wish to be licensed in the state of Indiana must:

- Graduate as a teacher candidate
- Pass the appropriate Pearson exams
- Be certified in CPR, AED, First Aid and Suicide Prevention
- Apply through the Indiana Department of Education

**B.S. in Elementary Education**

This degree (except for Internship Program) qualifies a student to be licensed to teach Kindergarten through 6th grade elementary education. Students also must earn a minor in one of the following:

- Mild Intervention
- Reading
- Physical Education
- Early Childhood Education
- Math for Elementary Education
- English as a New Language
These minors help prepare you to become certified in additional areas. Additional Pearson examinations will be required for licensure.

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Additional Requirements (18-20 cr)

First-Year Seminar (0-2 cr)
Students entering the program with fewer than 12 credit hour of transferable credit are required to complete the First Year Seminar (UCOL-U 101).

Literature (3 cr)
Choose one from:
- ENG-L 390 Children’s Literature
- EDUC-E 449 Tradebooks for Classroom Teachers

Science (3 cr)
- EDUC-Q 200 Introduction to Scientific Inquiry

Mathematics (3 cr)
- EDUC-N 102 Math for Teachers

Professional Education Requirements

The lab / field experience courses, including EDUC-M 201, EDUC-M 301, and EDUC-M 401, can (and must) be taken multiple times for credit.

Foundations (12 cr)
- EDUC-W 200 Using Computers in Education
- HPER-P 290 Movement for Children
- EDUC-F 205 Study for Education & Practice of Teaching
- EDUC-M 201 Psychology Applied to Teaching: Lab / Field
- EDUC-M 300 Teaching in a Pluralistic Society
- EDUC-M 311 Methods for Kdg and Elem Tchrs

Professional Education Courses (14 cr)
- EDUC-E 301 Emergent Literacy
- EDUC-K 305 Teaching Exceptional Learners
- EDUC-P 320 Assessment in the Classroom
- EDUC-E 337 Classroom Learning Environment
- EDUC-M 324 Teaching about the Arts

Methods (20 cr) [Must be admitted to TEP]
- EDUC-E 343 & EDUC-M 301 Teaching Math
- EDUC-E 328 & EDUC-M 301 Teaching Science
- EDUC-E 339, EDUC-E 340 & EDUC-M 301 Teaching Language Arts & Reading
- EDUC-E 341 Teaching Reading II
- EDUC-E 325 Teaching Social Studies

Student Teaching Semester (12 cr)
- EDUC-M 401 Field Experience in Reading/Social Studies

Elemtary Education Minors

Mild Intervention
- EDUC-K 307 Special Needs Methods
- EDUC-K 343 Educ of Socially and Emot Disturbed 1
- EDUC-K 352 Educ of Students with Learning Dis.
- EDUC-K 410 Intellectual Disabilities
- EDUC-K 495 Lab Field Experience in Special Education

Reading
- EDUC-X 401 Critical Reading in the Content Area
- EDUC-L 436 Methods and Materials for ESL
- EDUC-X 400 Diagnostic
- EDUC-L 400 Instructional Issues in Language Educ
- EDUC-F 401 Summer Reading Clinic

Early Childhood Education
- EDUC-E 335 Introduction to Early Childhood
- EDUC-E 336 Play as Development
- EDUC-E 351 Foundations of Early Care and Education II
- EDUC-E 352 Teaching/Learning Children Ages 3-5
- EDUC-E 338 The Early Childhood Educator

Physical Education
- HPER-P 290 Movement Experience for Children
- HPER-P 140 Foundations of Physical Education
- HPER-P 141 Fundamentals of Human Movement
- HPER-P 205 Structural Kinesiology
- HPER-P 280 Basic Prevention and Care of Athletic Injuries
- HPER-P 214 Basic Methods of Teaching Physical

English as a New Language
- EDUC-L 436 Methods and Materials for ESL Instruction
- EDUC-L 403 Assessment Literacy for Cultural and Linguistic Diversity
- EDUC-L 441 Bilingual Education: Introduction
- ENG-G 205 Introduction to the English Language
- EDUC-X 400 Diagnostic Teaching of Reading in the Classroom

Math Minor—see an academic advisor in Education
Teacher Education Program (TEP): Secondary

Admission to the Secondary Internship Program must be completed and submitted to the School of Education Director of Field Experiences January of the year the Secondary Internship Program a student plans to begin. Requirements for Admissions to the Secondary Internship Program are:

- 75% or greater of general education courses completed with a GPA of 2.5 or better
- 75% or greater on content courses completed with a GPA of 2.7 or better. No grade lower than C.
- Student Teaching Application form submitted and interview with DFE

Admission to the Teacher Education Program (TEP) must be completed and submitted to the School of Education Admissions and Retention Committee Chair by April 1 of the year they wish to join the internship program. Requirements for Admission to the TEP are:

- Cumulative GPA of 2.5 or better in each of the following courses: ENG-W 131, SPCH-S 121, EDUC-M 300, EDUC-P 254, EDUC-K 306, EDUC-P 313
- Passing Pearson CASA exam scores (at or above the required state minimum) or sufficient ACT or SAT scores on file at IU East prior to admission. Please check the SOE website for the most current state minimum scores.
- Satisfactory completion of the SOE Writing Sample and Interview

Requirements for Admission to Student Teaching

- Must have a 3.0 average in methods with no grade lower than C+ in methods
- Satisfactory Completion of EDUC-M 401 field experience and TPAS
- Cumulative GPA of 2.7 or better
- Grade Point average of 2.5 or better in each component of the General Education Requirements

Requirements for Graduation

- All coursework completed with a 2.7 or better GPA
- Student Teaching successfully completed
- Capstone successfully completed
- Application for Graduation submitted to the Student Records Office by the deadline

Requirement for Licensure

- Pearson Content Knowledge and Pedagogy exams passed at state minimum level.
- CPR/AED/ First Aid & Suicide Prevention Certification
- Application with Indiana Department of Education

B.S. in Secondary Education

This degree prepares students to teach both Middle and High School in the selected content area. Students will need to choose one major from:

- English
- Math
- Science
- Social Studies

General education requirements vary slightly from program to program.

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Additional Requirements (18-20 cr)

First-Year Seminar (0-2 cr)

Students entering the program with fewer than 12 credit hours of transferable credit are required to complete the First Year Seminar (UCOL-U 101).

Professional Education Requirements

Foundations (9 cr)

- EDUC-P 313 Adolescents in a Learning Community
- EDUC-M 300 Teaching in a Pluralistic Society
- EDUC-K 306 Teaching students with Special Needs

Teacher Education Program (0 cr)

- EDUC-M 464 Secondary Reading Methods
- Specialty Methods Course with EDUC-M 401

Student Teaching Semester (15 cr)

- EDUC-M 480 Secondary Student Teaching
- EDUC-M 420 Capstone Seminar

Skill Review Courses (optional, as needed)

- EDUC-X 165 Advanced Reading: Improving Comprehension
- EDUC-X 175 Advanced Test Taking
Choose one major:

**Secondary English Major**

**Writing (12 cr)**
- ENG-W 206 Creative Writing
- ENG-W 270 Argumentative Writing
- ENG-W 350 or other upper-level writing
- EDUC-L 400 Issues in Teaching Language Arts

**Literature (27 cr)**
- ENG-L 202 Literary Interpretation
- ENG-L 391 Adolescent Literature or EDUC-E 449
- ENG-L 225 World Literature or other Multi-Cultural
- Multicultural Literature course (multiple options available; see your advisor)
- 2 American Literature courses from different eras
- 3 British Literature Courses from different eras

**Linguistics (6 cr)**
- ENG-G 205 or 301 Intro to English Language
- ENG-G 207 Grammar and Usage

**Other (12 cr)**
- CMCL or SPCH course (see advisor)
- Second CMCL course or ENG-L 371
- Choose 2 additional courses of interest:
  - Creative Writing: ENG-W 301, ENG-W 303, ENG-W 311, ENG-W 401, ENG-W 403, ENG-W 405
  - Literature: ENG-L _____ (any 300 level)
  - Foreign Language: SPAN or FREN – 2 courses
  - Theater: THTR-T 100, 115, 120, 220, 238, 315, 325
  - Speech: SPCH-S 323, 324, 325

**Methods (28 cr)**
- EDUC-M 452 & M401 English Methods
- EDUC-M 314 General Secondary Methods
- EDUC-M 464 Reading Methods
- EDUC-M 420 Capstone
- EDUC-M 480 Student Teaching

**Secondary Mathematics Major**

Please see your advisor if you are interested in a dual major of mathematics and education (3+1 plan).

**Analytic Geometry / Calculus (13 cr)**
- MATH-M 215 Calculus I
- MATH-M 216 Calculus II
- MATH-M 311 Calculus III

**Abstract & Linear Algebra (9 cr)**
- MATH-M 303 Linear Algebra
- MATH-M 403 Intro. Algebra I
- MATH-M 395 Bridge to Abstract Math

**Probability & Statistics (3 cr)**
- Choose one:
  - MATH-K 300 Statistical Techniques
  - MATH-M 366 Probability / Elements of Statistical

**Geometry (3 cr)**
- MATH-T 336 Euclidean Geometry

**Applied Mathematics (3 cr)**
- Choose one:
  - MATH-M 447 Math Models
  - MATH-M 313 Differential Equations

**Computer Programming (3)**
- Choose one:
  - MATH-M 371 Elementary Computational Methods
  - INFO-I 210 Information Infrastructure

**Math Electives (9 cr)**
- Choose one topology course:
  - MATH-M 421 Topology
  - MATH-T 321 Intuitive Topology
- Choose one analysis course:
  - MATH-M 413 Intro to Analysis / Real Analysis
  - MATH-M 416 Complex Analysis
- Choose one Math history course:
  - MATH-M 380 History of Math
  - MATH-M 405 Number Theory

**Choices (6-10 cr)**
- Choose 2 from:
  - INFO-I 101 Intro to Informatics
  - PHYS-P 201 Physics I
  - PHYS-P 202 Physics II
  - MATH (any)

**Methods (28 cr)**
- EDUC-M 457 & EDUC-M 401 Math Methods
- EDUC-M 314 General Secondary Methods
- EDUC-M 464 Reading Methods
- EDUC-M 420 Capstone
- EDUC-M 480 Student Teaching

**Secondary Science Major**

Please see your advisor if you are interested in a dual major of science and education (3+1 plan). Students must choose 1 area of Science from Life Sciences or Physical Science. Students may optionally add on Chemistry or Physics tracks.

All students must take the Methods courses.

**Life Sciences**
- MATH-M 125 / M 126 Precalculus & Trigonometry
- CHEM-C 105 / C 125 General Chemistry I & Lab
- CHEM-C 106 / C 126 General Chemistry II & Lab
- PHYS-P 201 Intro to Physics I or PHYS-Q 202
- GEOL-G 111 Physical Geology or one course in Astronomy (AST)
- BIOL-L 101 and BIOL-L 102 Introductory Biology Lectures
- BIOL-L 325 Ecological Principles
- BIOL-B 301 Plant Biology
- BIOL-Z 301 Intro to Animal Kingdom
- Choose one:
  - BIOL-L 314 Genetics
  - BIOL-L 315 Cell Biology
Choose two additional Biology courses at the 200 or 300 level

**Physical Science**
- MATH-M 215 Calculus I
- BIOL-L 101 or 102 Introductory Biology Lectures
- GEOL-G 111 Physical Geology or one course in Astronomy (AST)
- CHEM-C 105 / C 125 General Chemistry I & lab
- CHEM-C 106 / C 126 General Chemistry II & lab
- CHEM-C 341 / C 343 Organic Chemistry I & lab
- CHEM-C 342 / C 344 Organic Chemistry II & lab
- PHYS-P 201 Intro to Physics I
- PHYS-P 202 Intro to Physics II
- One additional upper-level course in Chemistry or Physics

**OPTIONAL: Chemistry add-on**
(This can be added on to a Life Sciences area)
- CHEM-C 341 / C 343 Organic Chemistry I & lab
- CHEM-C 342 / C 344 Organic Chemistry II & lab
- Choose one additional upper level course in Chemistry

**OPTIONAL: Physics add-on**
(This can be added on to a Life Sciences area)
- MATH-M 215 Calculus I
- PHYS-P 202 Intro to Physics II
- Choose one additional course in upper level Physics

**Methods (28 cr)**
- EDUC-M 446 & EDUC-M 401 Science Methods
- EDUC-M 314 General Secondary Methods
- EDUC-M 464 Reading Methods
- EDUC-M 420 Capstone
- EDUC-M 480 Student Teaching

**Secondary Social Studies Major**

Social Studies majors must choose one primary and one supporting area. The options for the primary area are Historical Perspectives and Political Science. The supporting area options are Historical Perspectives, Political Science or Economics. Courses for each of these options are listed below:

**Primary History Area**
**Required courses:**
- HIST-H 105 OR HIST-H 106 United States History
- HIST-H 108 or HIST-H 109 World History
- HIST-H 217 Historical Perspectives
- HIST-A 363 Indiana History
- HIST-H 232 20th Century World History
- HIST-J 495 Senior Seminar
- Also required: 3 upper level World history course and 3 upper level US history courses. See your advisor for options.

**Primary Political Science Area**
**Required courses:**
- POLS-Y 103 American Government
- POLS-Y 105 Political Philosophy
- POLS-Y 107 Comparative Government
- POLS-Y 212 Making Democracy Work
- POLS-Y 307 Indiana Politics
- Choose 4 of these:
  - POLS-Y 304 Constitutional Law 1
  - POLS-Y 305 Constitutional Law 2
  - POLS-Y 308 Urban Politics
  - POLS-Y 325 African American Politics
  - POLS-Y 320 Judicial Politics
- Choose 2 of these:
  - POLS-Y 200 Contemporary Political Topics
  - POLS-Y 324 Women and Politics
  - POLS-Y 345 Contemporary Revolutions
- Choose 1 of these:
  - POLS-Y 383
  - POLS-Y 401

**Supporting Area**
Students must choose a supporting area to add to history or political science. The courses required for these follow:

**Economics**
- ECON-E 103 Microeconomics
- ECON-E 104 Macroeconomics
- BUS-F 260 Personal Finance
- Three electives from the following:
  - ECON-E 337 Economic Development
  - ECON-E 351 Law and Economics
  - ECON-E 363 Environmental and Natural Resource Economics
  - ECON-E 430 International Economics

**Political Science**
- **Required:**
  - POLS-Y 103 American Government
  - POLS-Y 105 Political Philosophy
  - POLS-Y 107 Comparative Government
- Choose 2 of these:
  - POLS-Y 304 Constitutional Law 1
  - POLS-Y 305 Constitutional Law 2
  - POLS-Y 307 Indiana Politics
  - POLS-Y 308 Urban Politics
  - POLS-Y 325 African American Politics
  - POLS-Y 320 Judicial Politics
- Choose 1 of these:
  - POLS-Y 212 Making Democracy Work
  - POLS-Y 200 Contemporary Political Topics
  - POLS-Y 324 Women and Politics
  - POLS-Y 345 Contemporary Revolutions
  - POLS-Y 383
  - POLS-Y 401

To become Highly Qualified in any area, please see your advisor for additional course suggestions.

**Methods (28 cr)**
- EDUC-M 441 & EDUC-M 401 Social Studies Methods
- EDUC-M 314 General Secondary Methods
M.S. in Education

The graduate level Education M.S. degree program is a 36 credit hour program with a mixture of face-to-face and online classes that focus on effective professional development.

Before gaining admission to the Masters of Science in Education program, prospective students will need to assemble a portfolio for review. This portfolio should be submitted by March 1 to receive priority consideration, and should include:

- Professional objective statement articulating the applicant’s professional objectives and career plan
- Resume
- Two letters of recommendation—one from the student’s building administrator and one from a teaching colleague.
- Professional documentation representing the teacher’s ability to engage learners and write and assess effective curriculum.
- A personal interview with the Director of Graduate Studies or designee.
- A non-refundable $50 application fee, payable to IU East

First Year (15 cr)

Students will attend the Best Practice Academy, an intensive six week summer program, earn 12 credits during the summer, followed by a single course during the academic year. They will examine and analyze current prevailing practice regarding what is most effective and efficient in the way of programs, curriculum, strategies and practice.

The Best Practice Academy

- EDUC-A 510 School Community Relations
- EDUC-J 511 Differentiated Instruction
- EDUC-J 655 Seminar in Multicultural and Global Educ.
- EDUC-L 501 Advanced Reading Methods (Secondary)
- EDUC-L545 Advanced Reading Methods (Elementary)
- EDUC-Y 510 Action and Research for Teachers

Second Semester (15-18 cr)

Combine your analysis of professional practice in your classroom and school with courses you select based on your professional development objectives. You will have the opportunity to research and share the practices you find most effective in your classroom.

Third Semester (3-6 cr)

Students will investigate an area of professional practice you consider to be significant in which you desire to develop expertise.

Transition to Teaching Program (Elementary)

Admission to the Elementary Transition to Teaching (T2T) Program must be completed and submitted to the Director of Graduate Programs by December 1 prior to the candidate’s January start date.

Required applications components to the Elementary T2T program

- Official transcripts of the candidate’s baccalaureate degree (or graduate degree) with a grade point average of at least 3.0, both in the major and overall or both a baccalaureate degree with a grade point average of at least 2.5, both in the major and overall and five years of professional experience.
- CASA exam scores, or an IDOE accepted alternative score, that meet the Indiana State set minimums. These should be submitted directly to IU East from Pearson
- Letter of application
- Two recommendations completed on the T2T Recommendation Form
- Current resume
- Interview with a graduate advisor

Requirements for Admission to the Elementary Internship (student teaching)

- Complete Phase I, II and III of the T2T coursework with a B or better in all coursework.
- Attend a student teaching/internship information session and complete the application for student teaching.

Requirements for Licensing

- All coursework completed with no grade lower than a B, including student teaching capstone.
- Successfully completed student teaching.
- Meet all Indiana State minimums on the required Pearson exam.
- CPR/AED/First Aid and Suicide Prevention Training
Admission to the Secondary Transition to Teaching (T2T) Program must be completed and submitted to the Director of Graduate Programs by April 1 prior to the candidate’s May start date.

Required applications components to the Secondary T2T program

- Official transcripts of the candidate’s baccalaureate degree (or graduate degree) with the equivalent of a major or more in the content area, or a passing Pearson content exam in the area in which the candidate wishes to teach. The official transcripts must indicate a grade point average of at least 3.0, both in the major and overall or both a baccalaureate degree with a grade point average of at least 2.5, both in the major and overall and five years of professional experience.
- Pearson CASA scores, or an IDOE accepted alternative score, that meet the Indiana State set minimums.
- Pearson Content Knowledge Test scores.
- Letter of application
- Two recommendations completed on the T2T Recommendation Form
- Current resume
- Interview with a graduate advisor
- Attend a student teaching/internship information session and complete the application for student teaching.

Requirements for Admission to the Secondary Internship (student teaching)

- Complete Phase I and II of the T2T coursework with B or better in all coursework.
- Satisfactory completion of Practicum and TPAS

Requirements for Licensing

- All coursework completed with no grade less than a B, including student teaching capstone.
- Successfully completed student teaching.
- Met all Indiana State set minimums on required Praxis testing.

Minor in Coaching (HPER)

This minor is open to any IU East student. Students must be in good academic standing.

Course Requirements (15 cr)

- HPER-P 141 Fundamentals of Human Movement (2 cr)
- HPER-P 280 Basic Prevention & Care of Injuries (3 cr)
- HPER-P 335 Theories of Conditioning for Coaching (3 cr) (limited to coaching minor students or permission of instructor)
  - Pre-requisite: HPER-P 280
- HPER-P 435 Philosophical Foundations of Coaching (3 cr)
  - Limited to coaching minor students or permission of instructor.
- HPER-P 455 Practicum in Coaching (2 cr)
  - Junior/Senior standing and admission to the Coaching Minor.
  - CPR and First Aid Certification must be completed and recorded prior to enrollment in HPER-P 455.

Students also select at least 2 credit hours from the courses below which include coaching of a variety of individual, dual, and team sports as well as a sports officiating class. Students must take 2 credits, yet may take as many of these courses as they choose.

Select 2 credit hours from the following:

- Coaching of Football (2 cr)
- Coaching of Basketball (2 cr)
- Coaching of Baseball (2 cr)
- Coaching of Cross Country, Track and Field (2 cr)
- Coaching of Soccer (2 cr)
- Coaching of Volleyball (2 cr)
- Principles of Sports Officiating (1 cr)

Evaluation

Assessment of the Coaching Minor curriculum will be conducted through course-embedded assessment tools such as practice activities, development of training plans, and course exams. Students must attain a 2.5 GPA in the minor overall. Students must complete the practicum with a satisfactory evaluation by the practicum supervisor. Note that the practicum experiences can range from grade school and middle school/high school coaching to assistant coaching at the collegiate level; in a club setting such as a swimming, soccer, or basketball youth association; or at a recreational level, such as little league baseball or softball.
Minor in Sports Marketing and Management (HPER)

This minor is open to any IU East student and to graduates and community members with a BA or BS degree wanting to add this minor. Students must be in good academic standing.

Course Requirements (15 cr)

- HPER-P 211, Introduction to Sports Management
- HPER-P 328, Issues in Intercollegiate Athletics
- BUSE-W 100, Principles of Business Administration
- BUSE-M 300, Intro to Marketing
- BUSE-W 207, Financial Management

Electives

- HPER-P 439, Practicum in Sport Studies (1-3 cr)

Evaluation

The Sports Marketing and Management Minor will be assessed in the following ways.

- Assessment of the Sports Marketing and Management Minor curriculum will be conducted through course-embedded assessment tools such as practice activities and course exams.
- Attaining a 2.5 GPA in the minor overall.

Minor in Physical Education

This minor may be taken by any student, including Elementary Education majors.

Course Requirements (16 cr)

- HPER-P 290 Movement Experience for Children
- HPER-P 140 Foundations of Physical Education
- HPER-P 141 Fundamentals of Human Movement
- HPER-P 205 Structural Kinesiology
- HPER-P 280 Basic Prevention and Care of Athletic Injuries
- HPER-P 214 Basic Methods of Teaching Physical Education

COURSE DESCRIPTIONS

Education Foundations

EDUC-E 301 Emergent Literacy (3 cr)

Reflecting recent research in emergent literacy, this course focuses on how reading and writing emerge from early childhood through early second grade. Methods of developmentally-appropriate instruction and assessment of language and literacy development in very young children (grades K-2) are emphasized. Special focus is given to phonics instruction.

EDUC-E 337 Classrm. Learn. Environments (3 cr)

This course focuses on the curriculum aspects of early childhood programs designed to meet ethnic and cultural differences and on planning, utilizing, and evaluating learning environments. Selection of materials, activities, and the acquisition of skills for using these to stimulate children’s development are the major focuses.

EDUC-E 449 Trade Books & Classrm. Teach. (3 cr)

Emphasis on the use of trade books for teaching language arts and reading, K-8. Historical and contemporary literature will be used to examine objectives and techniques of instruction.

Education Methods

EDUC-E 325 Social Studies in Elem. Schools (3 cr)

Emphasizes the development of objectives, teaching strategies, and evaluation procedures that facilitate the social learnings of young children. Special attention given to concept learning, inquiry, decision making and value analysis.

- Offered fall and spring semesters.
- Prerequisite: EDUC-E 339
- Corequisite: EDUC-M 401 (lab portion)

EDUC-E 328 Science in Elementary Schools (3 cr)

The focus of this course will be on developing teacher competencies in writing performance objectives, questioning, evaluating, and sequencing. These competencies will reveal themselves in the preparation and development
of science activities and the teaching strategies involved in presenting those activities to elementary school children.

- Offered fall and spring semesters.
- Corequisite: EDUC-M 401 (lab portion)

**EDUC-E 339 Methods of Teaching Lang. Arts (3 cr)**

This course appraises the materials, methods, and techniques employed in an elementary school developmental language arts and reading program.

- EDUC-E 339 is to be taken before EDUC-E 340 and EDUC-E 341.
- Offered fall and spring semesters.
- Corequisite: EDUC-M 301

**EDUC-E 340 Methods of Teaching Reading I (3 cr)**

This course describes and appraises the methods, materials, and techniques employed in diagnosing learning problems in elementary language arts and reading programs.

- Offered fall and spring semesters.
- Prerequisite: EDUC-E 339
- Corequisite: EDUC-M 301

**EDUC-E 341 Methods of Teaching Reading II (3 cr)**

This course describes and appraises the materials, methods, and techniques employed in corrective instruction in elementary language arts and reading programs.

- Offered fall and spring semesters.
- Prerequisite: EDUC-E 340
- Corequisite: EDUC-M 401

**EDUC-E 343 Mathematics in Elem. Schools (3 cr)**

Emphasizes the developmental nature of the arithmetic process and its place as an effective tool in the experiences of the elementary school child.

- Offered fall and spring semesters.
- Corequisite: EDUC-M 301

**EDUC-F 203 Topical Exploration in Educ. (1-3 cr)**

A one-semester course on a particular topic, established at the request of a faculty member.

- Offered fall and spring semesters.

**EDUC-F 205 Study of Ed. & Pract. of Teach. (2 cr)**

A review of the literature on approaches to education as a discipline and a field of inquiry, and an explanation of several approaches to teacher education. Integrates scholarship and inquiry with the development of educational possibilities. Students will begin the process of constructing a set of personal and social commitments that will guide their future teaching activities.

**EDUC-M 201 Laboratory/Field Experience (1 cr)**

Laboratory or field experience for sophomores (may be repeated).

- Corequisite: P250

**EDUC-M 300 Teaching in a Pluralistic Society (3 cr)**

This course introduces you to teaching as a profession. You will focus upon the “self as teacher,” learning styles, cultural pluralism, and classroom teaching strategies which respond positively to the personal and ethnic diversity of the learner.

- Offered each semester.

**EDUC-M 301 Laboratory/Field Experience (1 cr)**

Laboratory or field experience for sophomores and juniors.

- May be repeated.
- Offered fall and spring semesters.
- Corequisite: EDUC-E 328, EDUC-E 339, EDUC-E 340, or EDUC-E 343

**EDUC-M 311 General Methods for Kindergarten/Elementary Teachers (1-3 cr)**

Explores elementary school learning environments in which teachers plan classroom organization and management, curriculum, and evaluation to meet the needs of individual pupils, as well as examines the legal rights and responsibilities of teachers.

- Offered fall and spring semesters.
- Corequisite: EDUC-M 425

**EDUC-M 314 General Methods for SH/JH/MS Teachers (3 cr)**

Study covers individualized and interdisciplinary learning methods, measurement and evaluation, teaching and curriculum development, and organization of the SH/JH/MS.

- Offered fall semesters.
EDUC-M 324 Teaching about the Arts (1-3 cr)
Introduction to importance of the arts in elementary school curriculum. You are given a foundation of methods and materials in art and music that will enable you to integrate the arts into the general curriculum, supplement art lessons given by school art specialists, and encourage student discussion and understanding of art and music in the world today.

- Offered fall, spring, and summer semesters.

EDUC-M 401 Laboratory/Field Experience (0-3 cr)
Laboratory or field experience for juniors or seniors.

EDUC-M 425 Student Teaching: Elem. (10-16 cr)
Full-time supervised student teaching for at least 10 continuous weeks in grades 1-6 of an accredited elementary school in the state of Indiana, unless the integral program includes student teaching in an approved out-of-state site.

- Grade: S or F.
- Offered fall and spring semesters.

EDUC-M 441 Methods of Teaching SH/JH/MS Social Studies (2-4 cr)
Includes consideration of philosophical and psychological perspectives, development and practice of skills and techniques, selection of content and materials, and evaluation of student and teaching performance.

- Offered fall semesters.
- Corequisite: EDUC-M 401

EDUC-M 446 Methods of Teaching SH/JH/MS Science (1-5 cr)
Methods, techniques, content, and material applicable to the teaching of science in the SH/JH/MS. Designed for students who plan to teach biology, chemistry, earth science, general science, or physics in SH/JH/MS.

- Offered fall semesters.
- Corequisite: EDUC-M 401

EDUC-M 452 Methods of Teaching SH/JH/MS English (1-5 cr)
Methods, techniques, content, and material applicable to the teaching of English in the SH/JH/MS.

- Offered fall semesters.
- Corequisite: EDUC-M 401

EDUC-M 457 Methods of Teaching SH/JH/MS Mathematics (2-4 cr)
Methods, techniques, content, and materials applicable to the teaching of mathematics in the SH/JH/MS.

- Offered fall semesters.
- Corequisite: EDUC-M 401

EDUC-M 464 Methods of Teaching Reading (3 cr)
Curriculum, methods, and materials for teaching students to read more effectively.

- Offered fall semesters.

EDUC-M 470 Practicum (3-8 cr)
Teaching or experience under the direction of an identified supervising teacher, with the university providing supervision in the endorsement or minor area and at the level appropriate to the area and in an accredited school within the state of Indiana, unless the integral program includes experience in an approved and accredited out-of-state site. The practicum may be full or part-time, but in every instance the amount of credit granted will be commensurate with the amount of time spent in the instructional setting.

- Grade: S or F.
- Offered fall and spring semesters.

EDUC-M 480 Student Teaching in the Secondary School (1-16 cr)
Full-time supervised student teaching for at least 10 continuous weeks in your major certification area in a senior high, junior high, or middle school within the state of Indiana, unless the integral program includes student teaching in an approved out-of-state site. May include a portion of the time in your minor certification area.

- Grade: S or F.
- Offered spring semester.

Early Childhood Education Minor Courses

EDUC-E 335 Intro. to Early Childhood Educ. (3 cr)
This course has a dual focus. The first involves an overview of the field including an historic perspective, program models, goals of early childhood education, and professional organizations. The second emphasizes the study of observation skills, the characteristics of young
children, teacher-child interaction, and classroom management skills.

- Offered fall only.

**EDUC-E 336 Play as Development (3 cr)**

Includes theories on development of play and how it can be guided. Shows how children use play to develop individually; to understand the physical, social, and cognitive environment; and to develop physical and motor skills and creative ability. Includes a section on selection and construction of play materials.

- Offered fall only.

**EDUC-E 338 The Early Childhood Educator (3 cr)**

Includes role of the teacher as a professional educator, including professional responsibilities, legal rights and responsibilities of teachers and students, schools and community relations, and involvement in professional organizations. A major emphasis is on parent involvement and parent education.

- Offered spring only.

**EDUC-E 351 Foundations of Early Care & Education (3 cr)**

Students will examine how historical, social and political factors influence the growth, development, and learning of the pre-school/kindergarten child. They will examine how these factors influence the pre-school/kindergarten child’s educational experiences and how programs should be designed to address the needs of all children.

- Field experience required.
- Offered spring semesters only.

**EDUC-E 352 Teaching and Learning Children Ages 3-5 (3 cr)**

This course engages students in the development, implementation, and assessment of curricula for all children ages 3-5 years. Content areas of mathematics, social studies, sciences, literacy, and art will be emphasized. Field experience required.

- Offered fall only.

**English as a New Language**

**EDUC-L 436 Methods & Materials for Learning ESL (3 cr)**

This course is designed to promote understanding of current policies and practices for teaching English as a new language. Theories, methods, materials, and issues in the field of ESL are covered as they relate to the teaching of literacy for nonnative speakers of English.

**EDUC-L 403 Assessment Literacy for Cultural & Linguistic Diversity (3 cr)**

Define assessment literacy for working with culturally and linguistically diverse students. Topics include the assessment process, curriculum design, backwards planning, ongoing, traditional, and alternative classroom assessment, high stakes testing, language proficiency testing, and principles of designing useful, meaningful, and equitable classroom assessments for and of learning.

**EDUC-L 441 Bilingual Educ.: Introduction (3 cr)**

B-I Introduction to the development of bilingual/bicultural education in the United States—its antecedents, rationale, theories. Comparison of existing bilingual/bicultural programs.

**ENG-G 205 Introduction to the English Language (3 cr)**

An introduction to the English language and to the principles and methods of linguistics, this course is designed to be the first course in English linguistics. The course examines the phonology, morphology, syntax, and semantics of English and discusses a range of applications of these basic concepts in areas such as first and second language acquisition and language education.

- Offered fall semesters, even years.

**EDUC-X 400 Diagnostic Teaching of Reading in the Classroom (3 cr)**

Diagnosis of reading difficulties and solutions to problems through research, conference, and practice in the use of materials and equipment.

**Exceptional Education**

**EDUC-K 305 Teaching the Exceptional Learner in the Elementary School (3 cr)**

Knowledge, attitudes, and skills basic to the education of exceptional learners (students who are handicapped as well as gifted and talented) in the regular elementary classroom. Topics include historical and international perspectives, the law and public policy, profiling the exceptional learner, a responsive curriculum, teaching and management strategies, teachers as persons and professionals.
EDUC-K 306 Teaching Students w/ Special Needs in Secondary Classrooms (3 cr)

Includes an overview of the skills and knowledge necessary for effective instruction of students with disabilities in inclusive secondary programs.

EDUC-K 343 Education of Socially & Emotionally Disturbed (3 cr)

A basic survey of the field of emotional disturbance, social maladjustment, and classroom management theory addressing needs of students with troubling behavior through tiered systems of support. Definitions, classifications, characteristics, and diagnostic and treatment procedures are discussed from a psycho-educational point of view. Emphasis is on identification/support for behavioral indicators seen as predicting special education evaluation. Course material aligns with IDEA emphasis to lower special education referrals; particularly social stereotypes leading to overrepresentation.

EDUC-K 352 Education of Students with Learning Disorders (3 cr)

Educational programs for optimum growth and development of educable mentally retarded and learning disabled children. Study and observation of curriculum content, organization of special schools and classes, and teaching methods and materials.

EDUC-K 410 Issues in Special Education: Mild and Moderate Intellectual Disabilities (3 cr)

Provides students with an overview of current movement in the field of special education. Major emphasis is on application and implication of principles mandated by P.L. 94-142 and Section 504 of the Rehabilitation Act of 1973.

EDUC-K 495 Laboratory/Field Experiences in Special Education (3 cr)

Provides the student with a field-based, supervised experience with individuals with severe handicaps. It allows the opportunity to interact within school/work/community settings on a daily basis (three hours/day, five days/week). Specific assignments, which are mutually agreed upon between student, cooperating teacher, and practicum supervisor, are also required.

EDUC-K 500 Topical Workshop in Special Education: variable title (3 cr)

Intensive study of such selected topics as language development for exceptional children, the disadvantaged child, and behavior modification for exceptional children.

EDUC-K 505 Introduction to Special Education for Graduate Students (3 cr)

Basic special education principles for graduate students with no previous course work in special education.

- Students cannot receive credit for both EDUC-K 205 and EDUC-K 505.

EDUC-K 520 Survey of Behavior Disorders (3 cr)

An advanced survey of the literature related to behaviorally disordered/emotionally disturbed children including historical information, theoretical approaches, characteristics, and issues.

- Prerequisite: EDUC-K 505.

EDUC-K 525 Survey of Mild Handicaps (3 cr)

An advanced survey of the literature relating to mild handicaps, including historical foundations, definitions, and current issues facing workers in the field.

EDUC-K 535 Assessment/Remediation of Mildly Handicapped I (3 cr)

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.

- Prerequisite: Permission of instructor.

EDUC-K 590 Ind. Study in Special Educ. (1-3 cr)

A one- or two-page written proposal should be submitted to the instructor during the first week of the term specifying the scope of the project, project activities, meeting times, completion date, and student products. Ordinarily, K590 should not be used for the study of material taught in a regularly scheduled course.

- Prerequisite: Individual research or study with a Special Education faculty member, arranged in advance of registration.

EDUC-K 595 Practicum in Special Education: variable title (1-6 cr)

Provides for closely supervised field experience in various areas of special education.
• Prerequisite: Consent of instructor.

**Reading Minor Courses**

**EDUC-X 400 Diagnostic Teaching of Reading in the Classroom (3 cr)**

Diagnosis of reading difficulties and solutions to problems through research, conference, and practice in the use of materials and equipment.

**EDUC-X 401 Critical Reading in the Content Area (1-3 cr)**

Aids elementary and secondary teachers in the development of instructional strategies that assist students in the comprehension, critical analysis, and integration of ideas presented in print material of various subject matter areas.

- Offered periodically.

**EDUC-F 401 Summer Reading Clinic (3 cr)**

Community Literacy Experience. This course explores various topics of relevance to the teaching of literacy within one’s community. Students will help to plan and implement a needs based reading experience for children in their community.

- Summer only.

**EDUC-L 400 Instructional Iss. in Lang. Ed. (3 cr)**

This course reviews the principles and current instructional issues related to learning a first or a second language. Besides the general issues of effects of the environment, developmental stages, and basic instructional methodologies, relationships among reading education, English education, and second language education will be explored.

**EDUC-L 436 Methods & Materials for Learning ESL (3 cr)**

This course is designed to promote understanding of current policies and practices for teaching English as a new language. Theories, methods, materials, and issues in the field of ESL are covered as they relate to the teaching of literacy for nonnative speakers of English.

**Health, Physical Education, and Recreation (HPER)**

**HPER-E 111 Basketball (1 cr)**

Instruction in the fundamental skills of shooting, passing, ball handling, footwork, basic strategies of offensive and defensive play, and interpretation of rules.

- Offered spring.

**HPER-E 121 Conditioning & Weight Training (1 cr)**

Instruction in basic principles of conditioning and weight training. Emphasis on muscular strength, muscular endurance, flexibility, and cardiorespiratory endurance.

- Offered each semester.

**HPER-E 131 Folk and Square Dancing (1 cr)**

Instruction in the basic techniques of modern folk and square dance. This course is designed to help understand the different styles of dance while using dance to promote physical fitness.

**HPER-E 133 Fitness and Jogging I (1 cr)**

Beginning instruction in the basic principles of fitness, as they apply to a jogging and fitness walking programs. Emphasis on cardio-respiratory endurance and flexibility.

- Offered each semester.

**HPER-E 135 Golf (1 cr)**

Course is designed to teach basic instruction in the game of golf. Learn stroke technique in both putting and driving, keeping score, maintaining course etiquette, and lowering overall handicap.

- Offered fall and spring.

**HPER-H 160 First Aid and Emergency Care (2 cr)**

Lecture and demonstration on first-aid measures for wounds, hemorrhages, burns, exposure, sprains, dislocations, fractures, unconscious conditions, suffocation, drowning, and poisons with skill training in all procedures.

- Offered occasionally.

**HPER-E 185 Volleyball (1 cr)**

Instructions in the fundamental skills of power volleyball, including the overhand serve, bump, set, dig, and spike. Team offensive and defensive strategies.
• Offered fall.

**HPER-E 190 Yoga (1 cr)**

Course is designed to teach basic skills in the art of Yoga. Learn basic relaxation and meditation techniques. Course is effective in lowering stress levels and maintaining internal and external body control.

**HPER-E 119 Personal Fitness (2 cr) P: HPER-E 219.**

Instruction in the basic principles of conditioning and fitness. Emphasis on muscular strength, muscular endurance, flexibility, and cardiorespiratory endurance. Especially beneficial to individuals whose occupations require above normal standards of physical fitness.

• This class can be taken Pass/Fail or Audit.
• Offered every semester.

**HPER-E 219 Weight Loss and Exercise (2 cr)**

Designed for health conscious students, this class will stress the importance of diet and exercise in permanent weight control. Uses dietary behavior modification techniques and an exercise program to achieve a gradual reduction and maintenance of ideal weight.

• Offered every semester.

**HPER-P 290 Movement Experiences for Preschool and Elementary School Children (3 cr)**

Provides you with knowledge of potential outcomes of preschool and elementary school motor-development programs, of how to implement such programs, and of appropriate movement experiences for young children. Also provides the student with opportunities for observing and teaching young children in a structured gymnasium setting.

• Offered spring and summer.

**HPER-P 141 Fundamentals of Human Movement (3 cr)**

Introduction to identification, analysis, and evaluation of fundamental motor patterns, progressions in skill development, and skills for effective teaching. Analysis, evaluation, and development of personal movement and sport skills.

**HPER-P 280 Principles of Athletic Training and Emergency Care (2 cr)**

An introduction to the principles of injury prevention through proper application of current training techniques. Lecture and demonstration of emergency measures will allow the student to develop techniques to treat basic training injuries which may include sprains, strains, fractures, dislocations, and spinal injuries. Skill training in bandaging, taping, and splinting techniques.

**HPER-P 335 Theories of Conditioning for Coaching (3 cr)**

A practical application of conditioning and physical training theory of coaching and high level fitness. The class utilizes physiological principles of conditioning to prepare athletes for optimal performance. Discusses various types of training and organization of workouts for endurance, speed, and strength. Includes lab time which consists of hands on work with various training techniques.

• Limited to coaching minor students or permission of instructor.
• Pre-requisite: HPER-P 280.

**HPER-P 435 Philosophical Foundations of Coaching (3 cr)**

A philosophical approach to coaching for various sports. Topics include, but are not limited to, different coaching styles and strategies, growth and development characteristics, legal issues and liability, pedagogical considerations, coaching relationships, and other issues and problems related to sport.

• Limited to coaching minor students or permission of instructor.

**HPER-P 455 Practicum in Coaching (3 cr)**

Students will serve as an assistant under an experienced coach and will participate in weekly seminars.

• CPR and First Aid Certification must be completed and recorded prior to HPER-P 455.
• Includes a weekly seminar.
• Junior/Senior standing and admission to the coaching minor.
• Limited to coaching minor students or permission of instructor.

**HPER-A 361 Coaching of Football (2 cr)**

Fundamentals of offensive and defensive line and backfield play, passing techniques, tackling techniques, outstanding rules, offensive plays, most frequently used defenses, special team strategies, conditioning. Equipment selection and proper fitting of equipment.

**HPER-A 362 Coaching of Basketball (2 cr)**

Shooting techniques, passing, ball handling, footwork, offensive patterns vs. man-to-man defenses, zone defense,
half court and full court defenses, special situations, regular season and tournament strategy, conditioning.

**HPER-A 363 Coaching of Baseball (2 cr)**

Fundamentals of pitching, catching, batting, base running, infield and outfield play, offensive and defensive strategy, practice organization and management, equipment selection, field care.

**HPER-A 364 Coaching of Cross Country, Track and Field (2 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.

**HPER-A 370 Coaching of Soccer (2 cr)**

Theory and methods of coaching soccer covering technical, administrative, and organizational aspects of the process. Emphasis on execution of individual and small group skills, team offense and defense patterns, conditioning, and organizing practice sessions.

**HPER-A 371 Coaching of Volleyball (2cr)**

Theory and methods of coaching volleyball, covering technical, administrative, and organizational aspects of the process. Emphasis on execution of advanced skills and team offense and defense patterns, conditioning, organizing practice sessions.

**HPER-P 211 Introduction to Sport Management (3 cr)**

An examination of the broad spectrum of career opportunities available in the sport management profession. Special emphasis on career planning, sport management terminology, and an overview of specific skills and courses required for professional preparation in sport management.

**BUSE-M 300 Introduction to Marketing (3 cr)**

Examination of the market economy and marketing institutions in the United States; decision making and planning from the manager’s point of view; and the impact of marketing actions from the consumer’s point of view.

- Business students may take the course but it will only serve as an elective course.

**BUSE-W 207 Financial Management (3 cr)**

Course focuses on key financial management principles and practices for running a business. The course is designed for non-business majors who are interested in learning more about how they would manage the finances and budgets of their businesses and organizations or their personal practices. The course is designed for individuals who are non-business majors, such as those students interested in sports management, musicians, artists, social service professionals, scientific enterprise managers, or individual entrepreneurs.

- Business students may take the course but it will only serve as an elective course.
- Pre-requisite: BUS-W 201 or consent of instructor.
- Students will need to have completed math general education requirements.

**HPER-P 328 Iss. in Intercollegiate Athletics (3 cr)**

Examination of current issues in intercollegiate sport in America. This course presents the historical foundation of current issues and solutions, and examines current positions and arguments.

**HPER-P 439 Practicum in Sport Studies (1-3 cr)**

Practical job-related learning experience in sport management or marketing under supervision of professional in area.

- Prior approval required.
- Only S/F grades given.

**Psychology in Education**

**EDUC-P 250 General Educational Psych. (3 cr)**

The study and application of psychological concepts and principles as related to the teaching-learning process, introduction to classroom management, measurement/evaluation, and disability awareness.
EDUC-P 254 Educational Psychology for Teachers of All Grades (3 cr)

This course will examine the application of psychological concepts to school learning and teaching in the perspective of development from childhood through adolescence. An examination of developmental factors, theories of learning and student motivation will be presented.

Other Courses in Education

EDUC-Q 200 Basic Science Skills (3 cr)

Course provides the elementary education major with a background in the science process skills needed to complete required science courses.

- Offered fall and spring semesters.

EDUC-W 200 Using Computers in Educ. (1-3 cr)

Required of all students pursuing teacher certification. Introduction to instructional computing and educational computing literature. Hands-on experience with educational software, utility packages, and commonly used microcomputer hardware.

- Offered fall and spring semesters.
In order to be admitted into the School of Humanities and Social Sciences, students must meet all the admissions requirements for IU East and complete the paperwork to formally declare a major in the school. After declaring major within HSS, students should consult the HSS academic advisor for information regarding criteria for satisfactory progress in the major.

### General Education Requirements for HSS Degrees

Each Humanities and Social Science degree program may recommend courses for selected General Education categories. Any remaining General Education requirements should be fulfilled in consultation with an HSS advisor.

### B.A. in Communication Studies (120 cr)

#### General Education Requirements (30 cr)

See [Framework for General Education in Baccalaureate Degree Programs](#) on page 15 for details and courses.

**Recommended General Education Coursework:**
- Written Communication Skills: ENG-W 270
- Quantitative Reasoning: MATH-H 111

Remaining General Education Requirements can be fulfilled as you and your advisor see fit.

#### Program Requirements

##### First-Year Seminar (0-3 cr)
- UCOL-U 101 or HON-H 100
  
A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

##### World Languages & Cultures (0-14 cr)

This requirement may be met in one of the following ways:
- Completing Intermediate II (fourth semester) of a non-English language
- Completing a 300-400 level course in a non-English language, or an approved study abroad course that meets this language requirement
- Receiving credit for non-English language courses via placement exam for Intermediate II (fourth semester)

### Major Requirements (42 cr)

You must complete a total of 42 credit hours in Communication and related areas. A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. A minimum cumulative GPA of 2.00 is required in major core and major elective courses.

**Major Core (21 cr)**

- CMCL-C 205 Intro. to Comm. & Culture
- SPCH-S 122 Interpersonal Communication
- JOUR-J 110 Foundations of Journalism and Mass Communication
- CMCL-C 405 Communication Theories
- CMCL-C 424 Communication Research Methods
- CMCL-C 490 Capstone Seminar in Communication & Culture

**Specialized Core (9 cr)**

Choose one course from each area.

**Media (3 cr)**
- CMCL-C 315 Advertising and Consumer Culture
- CMCL-C 337 New Media
- SPCH-S 303 Propaganda and Persuasion

**(Inter)Cultural Communication (3 cr)**
- CMCL-C 427 Cross-Cultural Communication
- CMCL-C 440 Organizational Communication
- CMCL-C 450 Gender and Communication

**Relational Communication (3 cr)**
- CMCL-C 304 Communication and Social Conflict
- CMCL-C 307 Health Communication
- CMCL-C 380 Nonverbal Communication

**Major Electives (15 cr)**

Choose any 5 courses from offerings in CMCL, SPCH, JOUR or TEL, not yet completed. Students should discuss their career goals with their advisor when selecting these courses.

Offerings may include:
- CMCL-C 225 Discussion & Decision Making
• CMCL-C 334 Current Topics in Communication & Culture
• CMCL-C 407 Rhetoric & History
• JOUR-J 210 Visual Communication
• JOUR-J 219 Intro to Public Relations
• JOUR-J 290 Internship in Journalism
• SPCH-S 333 Public Relations
• TEL-R 206 Intro to Design and Production
• TEL-T 283 Intro to Television Production
• TEL-T 498 Projects in Telecommunication

Internship

If you major in communication studies at IU East, you may complete an internship with an organization in cooperation with the communication faculty as one of your major electives.

Electives

Choose additional courses to reach 120 credit hours total.

Institutional Program Requirements

In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

B.S. in Communication Studies (120 cr)

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Recommended General Education Coursework:

- Written Communication Skills: ENG-W 270 or ENG-W 231
- Quantitative Reasoning: Statistics class (CJUS-K 300, PSY-K 300, ECON-E 270)
- Social and Behavioral Ways of Knowing: PSY-P 103

Remaining General Education Requirements can be fulfilled as you and your advisor see fit.

Program Requirements

First-Year Seminar (0-3 cr)

- UCOL-U 101 or HON-H 100
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

Major Requirements (42 cr)

You must complete a total of 42 credit hours in Communication and related areas. A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. A minimum cumulative GPA of 2.00 is required in major core and major elective courses.

Major Core (18 cr)

- SPCH-S 122 or CMCL-C 122 Interpersonal Communication
- JOUR-J 110 Foundations of Journalism and Mass Communication
- CMCL-C 205 Intro. to Comm. & Culture
- CMCL-C 405 Communication Theories
- CMCL-C 424 Communication Research Methods
- CMCL-C 490 Capstone Seminar in Communication & Culture

Specialized Core (9 cr)

Choose one course from each area.

Media (3 cr)

- CMCL-C 315 Advertising and Consumer Culture
- CMCL-C 337 New Media
- SPCH-S 303 Propaganda and Persuasion

(Inter)Cultural Communication (3 cr)

- CMCL-C 427 Cross-Cultural Communication
- CMCL-C 440 Organizational Communication
- CMCL-C 450 Gender and Communication

Interpersonal Communication (3 cr)

- CMCL-C 304 Communication and Social Conflict
- CMCL-C 307 Health Communication
- CMCL-C 380 Nonverbal Communication

Major Electives (15 cr)

Choose any 5 courses from offerings in CMCL, SPCH, JOUR or TEL, not yet completed. Students should discuss their career goals with their advisor when selecting these courses.

Offerings may include:

- CMCL-C 225 Discussion & Decision Making
- CMCL-C 334 Current Topics in Communication & Culture
- CMCL-C 407 Rhetoric & History
- JOUR-J 210 Visual Communication
- JOUR-J 219 Intro to Public Relations
- JOUR-J 290 Internship in Journalism
- SPCH-S 333 Public Relations
- TEL-R 206 Intro to Design and Production
- TEL-T 283 Intro to Television Production
- TEL-T 498 Projects in Telecommunication
Technical Competency Requirement (12-16 cr)

Students may fulfill the Technical requirement with a minor in a technical area or by selecting any 4 courses from the list below in consultation with your advisor. The list may change as new courses are added and technology changes.

- BUS-K 209 Fundamentals of Microsoft Office
- BUS-P 330 Project Management
- BUS-S310 System Analysis & Project Management
- ENG-W 230 Science Writing
- ENG-W 231 Professional Writing Skills
- ENG-W 270 Argumentative Writing
- ENG-W 321 Advanced Technical Writing
- ENG-W 323 Digital Writing
- ENG-W 324 Technical Editing
- FINA-S 250 Graphic Design I
- FINA-S 350 Typography I
- FINA-S 352 Production Graphic Designer
- INFO-I 101 Introduction to Informatics
- INFO-I 201 Math Foundation of Informatics
- INFO-I 202 Social Informatics
- INFO-I 210 Information Infrastructure
- INFO-I 211 Information Infrastructure II
- INFO-I 300 Human-Computer Interaction
- INFO-I 308 Information Representation
- TEL-T 206 Intro. to Design & Production (Video)
- TEL-T 283 Intro to Production Techniques (Television)
- TEL-T 336 Digital Video Production
- TEL-T 498 Special Projects in Telecommunications

Internship

If you major in communication at IU East, you may complete an internship with an organization in cooperation with the communication faculty as one of your major electives.

Electives

Choose additional courses to reach 120 credit hours total.

Institutional Program Requirements

In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

B.A. in Communication Studies (Online)

This degree completion program is designed for students who have completed at least 60 semester hours of transferable college credit with a GPA of 2.0 or better, or individuals who have completed an associate degree at the community college level. Prior transcripts are evaluated to determine academic status in relation to satisfying degree program requirements, including both general education courses equivalent to the Indiana University East core curriculum and all required prerequisites.

The following is a sample two-year plan for the degree.

Your actual program sequence will depend on the semester that you choose to begin the program. Students will also have to complete the World Language requirement if they have not previously done so. All courses are taught completely online.

Completion Program Requirements (60 cr)

A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. A minimum cumulative GPA of 2.00 is required in major core and major elective courses.

Semester 1 (Spring)

- CMCL-C 205 Intro to Communication and Culture
- SPCH-S 122 Interpersonal Communication
- JOUR-J 110 Foundation of Journalism and Mass Communication
- Choose one World Language course
- Communication Elective

Semester 2 (Summer)

- Communication Elective(s) (300/400 level)

Semester 3 (Fall)

- Specialized Core course
- Specialized Core course
- CMCL-C 405 Communication Theories
- Choose one World Language course

Semester 4 (Spring)

- CMCL-C 424 Communication Research Methods
- CMCL-C 490 Capstone in Communication and Culture
- Specialized Core course
- Choose one World Language course

Semester 5 (Summer)

- Communication Elective(s) (300/400 level)

Semester 6 (Fall)

- Choose one World Language course
- Communication Elective (300/400 level)
- Communication Elective (300/400 level)

Institutional Program Requirements

In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).
B.S. in Communication Studies (Online)

This degree completion program is designed for students who have completed at least 60 semester hours of transferable college credit with a GPA of 2.0 or better, or individuals who have completed an associate degree at the community college level. Prior transcripts are evaluated to determine academic status in relation to satisfying degree program requirements, including both general education courses equivalent to the Indiana University East core curriculum and all required prerequisites.

The following is a sample two-year plan for the degree. Your actual program sequence will depend on the semester that you choose to begin the program.

**Completion Program Requirements (60 cr)**

A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. A minimum cumulative GPA of 2.00 is required in major core and major elective courses.

**Semester 1 (Spring)**
- CMCL-C 205 Intro to Communication and Culture
- SPCH-S 122 Interpersonal Communication
- JOUR-J 110 Foundations of Journalism and Mass Communications
- Technical Competency Course

**Semester 2 (Summer)**
- Communication Elective(s) (300/400 level)

**Semester 3 (Fall)**
- CMCL-C 405 Communication Theories
- CJUS-K 300 or PSY-K 300
- Statistical Techniques
- Specialized Core Course
- Specialized Core Course

**Semester 4 (Spring)**
- CMCL-C 424 Communication Research Methods
- CMCL-C 490 Capstone in Communication and Culture
- Communications Elective (300/400 level)
- Technical Competency Course

**Semester 5 (Summer)**
- Communication Elective (300/400 level)
- Technical Competency Course

**Semester 6 (Fall)**
- Specialized Core Course
- Technical Competency Course
- Communication Elective (300/400 level)

Institutional Program Requirements
In addition to major requirements, all students must meet **Institutional Program Requirements** (see page 14).

B.S. in Criminal Justice (120 cr)

**General Education Requirements (30 cr)**

See [Framework for General Education in Baccalaureate Degree Programs](#) on page 15 for details and courses.

**Recommended General Education Coursework:**
- Written Communication Skills: ENG-W 270 or ENG-W 231
- Quantitative Reasoning: Statistics class (CJUS-K 300 strongly recommended)
- Social and Behavioral Ways of Knowing: PSY-P 103 or SOC-S 100
- Humanistic and Artistic Ways of Knowing: HIST-H 105 or HIST-H 106

Remaining General Education Requirements can be fulfilled as you and your advisor see fit.

**Program Requirements**

**First-Year Seminar (0-3 cr)**
- UCOL-U 101 or HON-H 100
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

**Ethics (3 cr)**
Choose one:
- PHIL-P 120 Ethics
- PHIL-P 140 Introduction to Ethics

**Information Literacy (3 cr)**
Choose one from:
- CSCI-A 110 Intro to Computers & Computing
- INFO-I 101 Intro to Informatics

**Diversity (3 cr)**
Choose one approved course with advisor permission.

**Major Requirements (36 cr)**

A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.
Criminal Justice Course Requirements (27 cr)

- CJUS-P 100 Introduction to Criminal Justice
- CJUS-P 200 Theories of Crime and Deviance
- CJUS-P 295 Criminal Justice Data, Methods and Research
- CJUS-P 370 Criminal Law
- CJUS-P 301 Police in Contemporary Society
- CJUS-P 302 Courts and Criminal Justice
- CJUS-P 303 Corrections and Criminal Justice
- CJUS-P 411 Criminal Justice Management
- CJUS-P 470 Senior Seminar in Criminal Justice

Criminal Justice Course Electives (9 cr)
Choose three courses from:
- CJUS-P 210, CJUS-P 300, CJUS-P 320, CJUS-P 330, CJUS-P 372, CJUS-P 375, CJUS-P 376, CJUS-P 422, CJUS-P 457, CJUS-P 458, CJUS-P 481, CJUS-P 493, CJUS-P 496

Note: CJUS-P 300 and CJUS-P 493 address various topics and may be repeated.

Electives

One Social Work (SWK) class recommended.
Choose additional courses to reach 120 credit hours total.

Institutional Program Requirements

In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

B.S. in Criminal Justice (Online)

This degree completion program is designed for students who have completed at least 60 semester hours of transferable college credit with a GPA of 2.0 or better, or individuals who have completed an associate degree at the community college level. Prior transcripts are evaluated to determine academic status in relation to satisfying degree program requirements, including both general education courses equivalent to the Indiana University East core curriculum and all required prerequisites.

The following is a sample two-year plan for the degree. Your actual program sequence will depend on the semester that you choose to begin the program.

Completion Program Requirements (60 cr)

A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.

Semester 1 (Fall)
- CJUS-P 301 Police in Contemporary Society
- CJUS-P 303 Corrections and Criminal Justice
- CJUS-P 200 Theories and Crime and Deviance
- Criminal Justice Elective
- Elective MATH-S 111 recommended, to prepare for CJUS-K 300

Semester 2 (Spring)
- CJUS-P 370 Legal Aspects of Criminal Justice
- CJUS-P 302 Courts and Criminal Justice
- CJUS-P 295 Criminal Justice Data, Methods and Research
- Criminal Justice Elective
- Criminal Justice Elective

Semester 3 (Fall)
- CJUS-K 300 Statistics
- CJUS-P 411 Criminal Justice Management
- Elective (300/400 level)
- Criminal Justice Elective
- Diversity course (see advisor for approved list)

Senior Semester 2 (Spring)
- CJUS-P 470 Senior Seminar in Criminal Justice
- Elective
- Elective (300/400 level)
- Criminal Justice Elective
- Elective

Institutional Program Requirements

In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

B.A. in English (120 cr)

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Recommended General Education Coursework:
- Written Communication Skills: ENG-W 270
- Quantitative Reasoning: MATH-H 111

Remaining General Education Requirements can be fulfilled as you and your advisor see fit.

Program Requirements

First-Year Seminar (0-3 cr)
- UCOL-U 101 or HON-H 100

A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than
12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

**Ethics (3 cr)**
Choose one:
- PHIL-P 120 Ethics
- PHIL-P 140 Introduction to Ethics

**World Languages & Cultures (0-14 cr)**
This requirement may be met in one of the following ways:
- Completing Intermediate II (fourth semester) of a non-English language
- Completing a 300-400 level course in a non-English language, or an approved study abroad course that meets this language requirement
- Receiving credit for non-English language courses via placement exam for Intermediate II (fourth semester)

**Information Literacy (3 cr)**
- CSCI-A 110 Intro to Computers & Computing or equivalent

**Major Requirements (36 cr)**
All courses for this requirement must be 200 level or above. A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.

**Required (3 cr)**
- ENG-L 202 Literary Interpretation

**Group: Backgrounds of British Literature to 1800 (3 cr)**
Choose one:
- ENG-L 306 Middle English Literature
- ENG-L 322 English Literature 1660 – 1789
- ENG-L 309 Elizabethan Poetry
- ENG-G 301 History of the English Language
- (Other courses may apply. Consult with the English dept.)

**Group: Backgrounds of American Literature to 1865 (3 cr)**
Choose one:
- ENG-L 351 American Literature 1800-1865
- ENG-L 352 American Literature 1865-1914
- ENG-L 355 American Fiction to 1900
- ENG-L 356 American Poetry to 1900
- ENG-L 361 Studies in 19th-Century American Literature
- (Other courses may apply. Consult with the English dept.)

**Group: Modern Literature (3 cr)**
Choose one:
- ENG-L 299 English Literature since 1800
- ENG-L 332 Romantic Literature
- ENG-L 335 Victorian Literature
- ENG-L 354 American Literature since 1914
- ENG-L 357 20th Century American Poetry
- ENG-L 358 20th Century American Fiction
- ENG-L 384 Studies in American Culture
- (Other courses may apply. Consult with the English dept.)

**Group: Literature in World & Cultural Context (3 cr)**
Choose one:
- CLAS-C 205 Classical Mythology
- ENG-L 225 Introduction to World Masterpieces
- ENG-L 378 Studies in Women & Literature
- ENG-L 379 American Ethnic & Minority Literature
- ENG-L 383 Studies in British or Commonwealth Literature
- (Other courses may apply. Consult with the English dept.)

**Writing or Theory Requirement (3 cr)**
- ENG-L 371 Critical Practices (Technical and Professional Writing students may substitute another writing course)

**Senior Seminar (3 cr)**

**Literature and Creative Writing Concentrations:**
- ENG-L 450 Seminar: British & American Authors
**Technical and Professional Writing Concentration:**
- ENG-W 470 Senior Seminar

**English Electives (15 cr)**

**Concentration in Literature:**
- Choose 15 credits of English Literature electives.

**Concentration in Creative Writing:**
**Required Course:**
- ENG-W 206 Creative Writing
Choose 12 credits from:
- ENG-W 301 Writing Fiction
- ENG-W 303 Writing Poetry
- ENG-W 311 Writing Creative Nonfiction
- ENG-W 401 Advanced Fiction Writing
- ENG-W 403 Advanced Poetry Writing
- ENG-W 405 Writing Prose - Non-fiction
- Courses may be repeated one time for credit

**Concentration in Technical and Professional Writing:**
**Required Courses:**
- ENG-W 231 Professional Writing Skills
- ENG-W 321 Advanced Tech Writing
• ENG-W 323 Digital Writing
• ENG-W 324 Technical Editing
Select one:
• ENG-G 205 Intro to the English Lang
• ENG-G 207 Grammar and Usage
• ENG-W 230 Science Writing

Electives
Choose additional courses to reach 120 credit hours total.

Institutional Program Requirements
In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

B.A. in English, Technical and Professional Writing (Online)
This degree completion program is designed for students who have completed at least 60 semester hours of transferable college credit with a GPA of 2.0 or better, or individuals who have completed an associate degree at the community college level. Prior transcripts are evaluated to determine academic status in relation to satisfying degree program requirements, including both general education courses equivalent to the Indiana University East core curriculum and all required prerequisites.
No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.

Sample Two-Year Plan
The following is a sample two-year plan for the degree. Your actual program sequence will depend on the semester that you choose to begin the program.

Semester 1 (Summer, even) 6 credits
• ENG-L 202 Literary Interpretation – required course
• ENG-W 231 Professional Writing - required course (if not already taken)
• One Literature Elective

Semester 2 (Fall, even) 12 credits
• ENG-W 324 Technical Editing – required course
• ENG-G 205 Introduction to English Language (or other elective such as language)
• ENG-L 355 American Fiction to 1900
• ENG-L 384 Studies in American Culture
• Language requirement (optional if completed)

Semester 3 (Spring, odd) 12 credits
• ENG-W 321 Advanced Technical Writing – required course
• ENG-L 364 Native American Literature or ENG-L 383
• Studies in British or Commonwealth Culture
• ENG-L 371 Critical Practices (optional)
• ENG-G 207 Grammar and Usage (or other elective)

Semester 4 (Summer, odd) 6 credits
• Two Literature Electives

Semester 5 (Fall, odd) 12 credits
• ENG-W 323 Digital Writing – required course
• ENG-G 301 History of the English Language
• ENG-L 379 American Ethnic and Minority Literature
• ENG-L 360 American Prose – Excluding Fiction

Semester 6 (Spring, even) 12 credits
• ENG-W 350 Advanced Composition (or other elective)
• ENG-W 470 Senior Seminar – required course
• Electives as needed

Institutional Program Requirements
In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

Master of Arts in English (36 cr)
The Master of Arts in English program delivers a quality graduate program in a flexible format that includes both face-to-face and online courses. It requires 36 credit hours of course work.
The Master of Arts in English is designed for students who performed well academically in undergraduate programs in English, Communication, Humanities or related fields.
A graduate degree enhances career opportunities and develops intellectual rigor.

Admission Requirements
A BA with a 3.0 or higher is required for admission to the MA in English.
Application packets will require:
• Application fee (this will be paid online during the online application process)
• Resume (this will be submitted as an attachment to the online application)
• Official transcripts (to be mailed to the attention of Edwina Helton)
• Three Recommendation Letters, by undergraduate professors familiar with your academic work. (e-mail notices with instructions will automatically be sent to those indicated in the online application once the application is submitted)
• Two Candidate Essays (to be emailed directly to Margaret Thomas Evans)
• Writing Sample – A 5 to 10 page writing sample from an undergraduate or graduate course which uses MLA documentation.
• Statement of Purpose – A statement of 200-300 words focused on your purpose for undertaking or continuing graduate study, your reasons for wanting to study at Indiana University East, and your research interests, professional plans, and career goals. You also may explain any special circumstances applicable to your background and elaborate on your scholarly publications, awards, achievements, abilities, and/or professional history.
• Online Application Form

Core Courses (8 cr)

Required Foundational Course:
• ENG-L 506 Introduction to Methods of Criticism and Research (4 cr)
  An examination of how to closely analyze a text and use contemporary literary theory.

Capstone course:
• ENG-W 609 Independent Writing Project (4 cr)
  Enables students to work on a writing or research project that they initiate, plan, and complete under the direction of an English department faculty member. Students must take at least one graduate course in the area of the research project, or two graduate level creative-writing workshops if the project is creative writing, prior to taking W609.

Additional Courses (28 cr)

Beyond the core and capstone courses, a student takes 28-credit hours of elective courses. A sample of those courses currently being offered by English faculty include:
• ENG-D 600 History of the English Language (4 cr)
• ENG-G 500 Intro. to the English Language (4 cr)
• ENG-G 552 Linguistics and the Teacher of English (4 cr)
• ENG-G 652 English Language Sociolinguistics (4 cr)
• ENG-G 660 Stylistics (4 cr)
• ENG-L 590 Internship in English (4 cr) Arranged course.
• ENG-L 608 History of Literary Criticism from 1750 to 1960 (4 cr)
• ENG-L 625 Shakespeare (4 cr)
• ENG-L 631 English Literature 1660-1790 (4 cr)
• ENG-L 641 English Literature 1790-1900 (4 cr)
• ENG-L 649 British Literature since 1900 (4 cr)
• ENG-L 651 American Literature 1609-1800 (4 cr)
• ENG-L 653 American Literature 1800-1900 (4 cr)
• ENG-L 655 American Literature and Culture 1900-1945 (4 cr)
• ENG-L 666 Survey of Children’s Literature (4 cr)
• ENG-L 680 Special Topics in Literature (4 cr)
• ENG-W 500 Issues in Teaching Writing (4 cr)
• ENG-W 501 Teaching College Writing (4 cr)
• ENG-W 507 Graduate Creative Nonfiction Writing (4 cr)
• ENG-W 511 Advanced Fiction Writing (4 cr)
• ENG-W 513 Writing Poetry (4 cr)
• ENG-W 620 Advanced Argumentative Writing (4 cr)
• ENG-W 680 Craft of Writing (4 cr)
• ENG-W 682 Special Topics: Rhetoric & Composition (4 cr)

B.A. in Fine Arts (120 cr)

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Recommended General Education Coursework:
• Written Communication Skills: ENG-W 270
• Quantitative Reasoning: MATH-H 111

Remaining General Education Requirements can be fulfilled as you and your advisor see fit.

Program Requirements

First-Year Seminar (0-3 cr)
• UCOL-U 101 or HON-H 100
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

World Languages & Cultures (0-14 cr)

This requirement may be met in one of the following ways:
• Completing Intermediate II (fourth semester) of a non-English language
• Completing a 300-400 level course in a non-English language, or an approved study abroad course that meets this language requirement
• Receiving credit for non-English language courses via placement exam for Intermediate II (fourth semester)

Information Literacy (3 cr)
• CSCI-A 110 Intro to Computers & Computing or equivalent

Major Requirements (45 cr)

A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.
• Choose 12 credits* in Art History/ Appreciation (FINA-A)
  *No more than 9 hours at the 100 level, a maximum of 3 hours can be taken in art appreciation.
• Choose 9 credits in Fundamental Studio Course at the 100 level (FINA-F)
• Choose 6 credits of Studio courses (FINA-S) at the 200 level
• Choose 15 credits of Studio courses (FINA-S) at the 300 level
• Complete FINA-S 400 Senior Capstone (3 credits)

Concentration in Graphic Design:
Interested students may choose to complete a BA in Fine Arts with a concentration in Graphic Design.

Required courses:
• Choose 12 credits* in Art History/ Appreciation (FINA-A)
  *No more than 9 hours at the 100 level, a maximum of 3 hours can be taken in art appreciation.
• Choose 9 credits in Fundamental Studio Course at the 100 level (FINA-F)
• FINA-S 250 Graphic Design I
• Choose 3 credits of Studio courses (FINA-S) at the 200 level
• FINA-S 351 Typography I
• FINA-S 352 Production Graphic Designer
• Choose 6 credits in approved 300/400 level Graphics courses
• Choose 3 credits of Studio courses (FINA-S) at the 300 level
• Complete FINA-S 400 Senior Capstone (3 credits)

Electives
Choose additional courses to reach 120 credit hours total.

Institutional Program Requirements
In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

Bachelor of General Studies (120 cr)
A Bachelor of General Studies offers students the quality of an IU degree along with the most flexibility of any academic program. This degree allows graduates to have nearly endless career choices — a must for today’s changing workforce. Select a concentration in Arts and Humanities, Social and Behavioral Sciences, or Natural Science and Mathematics.** Then choose those courses that interest you the most. This is an excellent option for working adults, transfer students, or anyone who has a broad interest in the liberal arts.

**The Natural Science and Math concentration is offered through the School of Natural Science and Math. Contact the NSM advisor for more information about this concentration.

General Education Requirements (30 cr)
General Education courses are required for all bachelor’s degree programs. In many cases, a course can fulfill a General Education requirement and a BGS Learning Area requirement simultaneously. Please consult your advisor when selecting courses for the General Education competency areas.

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Program Requirements
First-Year Seminar (0-3 cr)
• UCOL-U 101 First Year Seminar or HON-H 100 Freshman Honors Seminar
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with less than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East if needed.

Additional coursework required for Learning Areas (9-10 cr)
The degree requires completion of 12 credit hours in each of three Learning Areas: Arts & Humanities, Natural Science and Math, and Behavioral and Social Sciences. These areas often overlap with the General Education requirements described above. Choose additional coursework to fulfill the remaining requirements:
• 3-4 additional credit hours total from Natural Sciences and/or Quantitative Reasoning disciplines (list above)
• 6 additional credit hours total from Social-Behavioral disciplines (list above)
• All coursework applied to the Learning Areas must be completed with a C- or higher. As a result, students may need additional courses toward this requirement. See your advisor for more information.

Information Literacy (0-3 cr)
• CSCI-A 110 Introduction to Computers and Computing (or equivalent)

Multicultural Awareness (3 cr)
One course taken to fulfill degree requirements must come from a list of approved courses for this category. See your advisor for more information.
Ethical Reasoning (3 cr)
One course taken to fulfill degree requirements must come from a list of approved courses for this category. See your advisor for more information.

Concentration Requirements (18 cr)
Select one concentration and choose 18 credits of courses within the designated disciplines.

- **Arts & Humanities**
  English, Fine Arts, French, German, History, Music, Philosophy, Religious Studies, Spanish, Theater
- **Natural Science & Mathematics**
  Anatomy, Astronomy, Biology, Chemistry, Geology, Mathematics, Microbiology, Physiology, Physics
  **This concentration is offered through IU East’s School of Natural Science and Math. Please contact the NSM advisor if you’d like to concentrate in this area.**
- **Behavioral & Social Sciences**
  Anthropology, Communication and Culture, Criminal Justice, Economics, Geography, Journalism, Political Science, Psychology, Sociology, Speech, Women’s Studies

General Electives (66 cr)
- Choose 15 credit hours from the Arts & Sciences disciplines.
- Choose 51 credit hours in courses from a variety of disciplines to attain your educational goals (consult advisor for assistance).

Additional Guidelines
- No more than 21 credit hours may be taken in a single arts and sciences area.
- No more than 30 credit hours in a single discipline outside the arts and sciences will be counted towards this degree (Business, Education, Human Services, Nursing, Social Work or SPEA-V courses).
- At least 30 credit hours must be taken at the 300-400 level.
- Consult with your advisor for grade requirements specific to this degree.

Major/Concentration Grade Requirements
No grade below a 1.7 (C-) will be accepted in the Learning Area and Concentration Area coursework.

Institutional Program Requirements
In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

B.A. in History (120 cr)

General Education Requirements (30 cr)
See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Recommended General Education Coursework:
- Written Communication Skills: ENG-W 270
- Quantitative Reasoning: MATH-H 111

Remainder General Education Requirements can be fulfilled as you and your advisor see fit.

Program Requirements

First-Year Seminar (0-3 cr)
- UCOL-U 101 or HON-H 100
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

Ethics (3 cr)
Choose one:
- PHIL-P 120 Ethics
- PHIL-P 140 Introduction to Ethics

Political Science Cognate (6 cr)
- Choose one 200 level Political Science course and
- Choose one 300 level or higher Political Science course

World Languages & Cultures (0-14 cr)
This requirement may be met in one of the following ways:
- Completing Intermediate II (fourth semester) of a non-English language
- Completing a 300-400 level course in a non-English language, or an approved study abroad course that meets this language requirement
- Receiving credit for non-English language courses via placement exam for Intermediate II (fourth semester)

Information Literacy (3 cr)
- CSCI-A 110 Intro to Computers & Computing or equivalent

Major Requirements (30 cr)
A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.
First Year Sequence (6 cr)
Complete one American History course and one World History course
• Choose one: HIST-H 105 or HIST-H 106
• Choose one: HIST-H 108 or HIST-H 109

Required Courses (24 cr)
• HIST-H 217 The Nature of History
• Choose three American History courses at the 200 level or above (9 cr). *
• Choose three World History courses at the 200 level or above (9 cr). *
• HIST-J 495 Senior Seminar
*15 of the 18 hours of History major electives must be at the 300-400 levels.

Electives
Choose additional courses to reach 120 credit hours total.

Institutional Program Requirements
In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

B.A. in Humanities (120 cr)

General Education Requirements (30 cr)
See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Recommended General Education Coursework:
• Written Communication Skills: ENG-W 270
• Quantitative Reasoning: MATH-H 111

Remaining General Education Requirements can be fulfilled as you and your advisor see fit.

Program Requirements

First-Year Seminar (0-3 cr)
• UCOL-U 101 or HON-H 100
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

World Languages & Cultures (0-14 cr)
This requirement may be met in one of the following ways:
• Completing Intermediate II (fourth semester) of a non-English language
• Completing a 300-400 level course in a non-English language, or an approved study abroad course that meets this language requirement
• Receiving credit for non-English language courses via placement exam for Intermediate II (fourth semester)

Information Literacy (3 cr)
• CSCI-A 110 Intro to Computers & Computing or equivalent

Concentration Requirements (30 cr)
Students may select one concentration (see below) or may do an Interdisciplinary track. Courses applied to general education or distribution may not be counted toward the concentration. Courses counted toward the concentration must be taken for a letter grade. At least 36 hours of the curriculum must be at the 300 level or higher. No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.

Humanities Concentration Track (30 cr)
At least 21 credit hours must be in one Humanities Discipline with 12 credits at or above 200 level, and 15 credits at or above the 300 level.

Interdisciplinary Concentration (30 cr)
All courses for the concentration must be at the 200 level or above, selected from the available Humanities disciplines. This concentration allows you to explore three different disciplines.

Primary Discipline (12 cr)
• Choose 12 credit hours from one of the Humanities disciplines

Secondary Disciplines (15 cr)
• Choose 6 credit hours in each of two different Humanities disciplines, and 3 hours elective credit in any Humanities discipline.

Senior Project (3 cr)

Music Concentration (30 cr)
Program Prerequisites*:
• MUS-P 110 Beginning Piano Class (2 cr)
• MUS-T 101 Introduction to Music (3 cr)
• MUS-T 113 Music Theory I (3 cr)
• MUS-T 115 Sight-Singing and Aural Perception I (1 cr)
• 100-level applied lessons (2 cr)
*Some or all prerequisites may be passed-out of by placement examination. See the coordinator of music for details.

Music Curriculum
Music Theory (12 cr)
• MUS-T 114 Music Theory II (3 cr)
• MUS-T 116 Sight-Singing and Aural Perception II (1 cr)
- MUS-T 213 Music Theory III (3 cr)
- MUS-T 215 Sight-Singing and Aural Perception III (1 cr)
- MUS-T 214 Music Theory IV (3 cr)
- MUS-T 216 Sight-Singing and Aural Perception IV (1 cr)

**Music History (6 cr)**
- MUS-M 403 History of Music I (3 cr)
- MUS-M 404 History of Music II (3 cr)

**Music Performance (9 cr)**
- 3 semesters of applied lessons at the 300 level or higher
  - Currently available: Flute, Guitar, Piano, Percussion, Saxophone, Trombone, Trumpet, Violin or Voice. See the coordinator of music regarding lessons on other instruments.
- MUS-X 95 Performance Class (0 cr) – 3 semesters, taken concurrently with 300-level lessons

**Capstone Project (3 cr)**
- MUS-I 420 Music Concentration Capstone (3 cr)

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**World Languages & Cultures (0-14 cr)**

This requirement may be met in one of the following ways:
- Completing Intermediate II (fourth semester) of a non-English language
- Completing a 300-400 level course in a non-English language, or an approved study abroad course that meets this language requirement
- Receiving credit for non-English language courses via placement exam for Intermediate II (fourth semester)

Note: As part of the major requirements for language proficiency, students will complete Intermediate II (fourth semester) of a non-English language. This also fulfills the language proficiency requirement for IU East’s Bachelor of Arts degrees.

**Major Requirements (36 cr)**

All courses for this requirement must be 200 level or above. A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. No course with a grade below a 1.7 (C-) will be accepted in the major/concentration area.
- INTL-I 220 Global Connections (3 cr)
- Two courses from each of the 5 thematic groups (30 cr)
- Students must have coursework from 5 of the 12+ disciplines of study. A maximum of 3 courses from any one discipline can count toward the major.
- INTL-I 400 International Studies Capstone Seminar (3 cr)
- A study abroad experience (may be included in the existing coursework or through an approved study abroad experience)

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**Thematic groups**

**Cultural Systems**
- ANTH-A 104 Culture and Society (3 cr)
- ANTH-E 200 Social and Cultural Anthropology (3 cr)
- ANTH-E 300 Culture Areas and Ethnic Groups (3 cr)
- ANTH-E 310 Cultures of Africa (3 cr)
- ANTH-E 320 Indians of North America (3 cr)
- CMCL-C 205 Intro. to Communication and Culture (3 cr)
- CMCL-C 380 Nonverbal Communication (3 cr)
- CMCL-C 427 Cross-Cultural Communication (3 cr)
- CMCL-C 450 Gender and Communication (3 cr)
- GEOG-B 110 Introduction to Human Geography (3 cr)
- REL-R 152 Jews, Christians, and Muslims (3 cr)
- REL-R 153 Religions of Asia (3 cr)
- REL-R 160 Religion in America (3 cr)
- REL-R 171 Religion, Ethics, and Public Life (3 cr)
- PHIL-P 200 Problems of Philosophy (3 cr)
- PHIL-P 371 Philosophy of Religion (3 cr)
- PHIL-P 393 Biomedical Ethics (3 cr)
- SOC-S 217 Social Inequality (3 cr)
SOC-S 313 Religion and Society (3 cr)
SPAN-S 284 Women in Hispanic Culture (3 cr)

Language Proficiency
- FREN-F 250 Intermediate French II (3 cr)
- GER-G 250 Intermediate German II (3 cr)
- HISP-S 308 Spanish Conversation and Composition (3 cr)
- SPAN-S 250 Intermediate Spanish II (3 cr)
- SPAN-S 275 Introduction to Hispanic Culture (3 cr)
- SPAN-S 311 Spanish Grammar (3 cr)
- SPAN-S 317 Spanish Conversation and Diction (3 cr)
- SPAN-S 326 Introduction to Spanish Linguistics (3 cr)
- SPAN-S 370 Service Learning in Spanish (3 cr)
- SPAN-S 493 Internship Program in Spanish (3 cr)

Cultural Productions
- CLAS-C 205 Classical Mythology (3 cr)
- ENG-L 225 Introduction to World Masterpieces (3 cr)
- ENG-L 382 Fiction of the Non-Western World (3 cr)
- FREN-F 312 Readings in French Literature in Translation (3 cr)
- FREN-F 371 Topics in French* (Consult with advisor) (3 cr)
- GER-G 370 German Cinema (3 cr)
- MUS-Z 320 TOPIC: Global Music Journeys* (Consult with advisor) (3 cr)
- SPAN-S 230 Cervantes' Don Quixote in Translation (3 cr)
- SPAN-S 235 Twentieth-Century Spanish Literature (3 cr)
- SPAN-S 241 Golden Age Literature in Translation (3 cr)
- SPAN-S 260 Introduction to Hispanic Film (3 cr)
- SPAN-S 360 Introduction to Hispanic Literature (3 cr) (Taught in Spanish)
- SPAN-S 390 Special Topics in Spanish (3 cr) (Taught in Spanish)

Historical Perspectives
- FREN-F 311 Contemporary French Civilization (3 cr)
- HIST-B 306 European Race, Gender, and Identity (3 cr)
- HIST-B 356 French Revolution (3 cr)
- HIST-B 408 European Nationalism and Identity (3 cr)
- HIST-B 418 Germany: Nation and Volk (3 cr)
- HIST-B 436 Making Modern Britain (3 cr)
- HIST-B 444 The Scandinavian Model (3 cr)
- HIST-D 410 Russian Revolutions and the Soviet Regime (3 cr)
- HIST-H 108 Perspectives on the World to 1800 (3 cr)
- HIST-H 109 Perspectives on the World since 1800 (3 cr)
- HIST-H 205 Ancient Civilization (3 cr)
- HIST-H 219 Origins and History of the Second World War (3 cr)
- HIST-H 232 The World in the Twentieth Century (3 cr)
- HIST-F 341 Latin America: Conquest and Empire (3 cr)
- SOC-S 335 Race and Ethnic Relations (3 cr)
- SPAN-S 229 Spanish Culture and Civilization (3 cr)
- SPAN-S 290 Topics in Hispanic Culture* (Consult with advisor) (3 cr)
- SPAN-S 303 The Hispanic World (3 cr)
- SPAN-S 381 Hispanic Civilization I (3 cr) (Taught in Spanish)
- SPAN-S 382 Hispanic Civilization II (3 cr) (Taught in Spanish)
- SPAN-S 383 Hispanic Civilization III (3 cr) (Taught in Spanish)
- SPAN-S 384 Hispanic Civilization IV (3 cr) (Taught in Spanish)

Global and International Relations
- BUS-D 301 The International Business Environment (3 cr)
- BUS-M 401 International Marketing (3 cr)
- BUS-F 494 International Finance (3 cr)
- ECON-E 104 Introduction to Macroeconomics (3 cr)
- ECON-E 430 International Economics (3 cr)
- POLS-Y 107 Introduction to Comparative Politics (3 cr)
- POLS-Y 109 Introduction to International Relations (3 cr)
- POLS-Y 345 Comparative Revolutions (3 cr)
- POLS-Y 346 Politics in the Developing World (3 cr)
- SOC-S 308 Global Society (3 cr)
- SPAN-S 315 Spanish in the Business World (3 cr) (Taught in Spanish)
- SOC-S 360 Topics in Social Policy* (Consult with advisor) (3 cr)
- SOC-S 427 Social Conflict (3 cr)

Electives
Choose additional courses to reach 120 credit hours total.

Institutional Program Requirements
In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).
B.S. in Political Science (120 cr)

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Recommended General Education Coursework:
- Written Communication Skills: ENG-W 270
- Quantitative Reasoning: MATH-S 111

Remaining General Education Requirements can be fulfilled as you and your advisor see fit.

Program Requirements

First-Year Seminar (0-3 cr)
- UCOL-U 101 or HON-H 100
A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

Information Literacy (3 cr)
- CSCI-A 110 Intro to Computers & Computing or equivalent

Major Requirements (36 cr)

A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.

Major Required Courses (15 cr)
- POLS-Y 103 Introduction to American Government
- POLS-Y 105 Introduction to Political Theory
- POLS-Y 107 Introduction to Comparative Government or POLS-Y 109 Introduction to International Relations
- POLS-Y 205 Analyzing Politics
- POLS-Y 490 Senior Seminar

Advanced Core (21 cr)

A total of 21 hours should be selected from the following courses. A minimum of 18 hours must be taken at the 300-400 level and at least 3 hours must be selected from each of three subfields (American Politics, Comparative Politics/International Relations, and Political Theory). Courses should be selected in consultation with a political science faculty member or advisor; keeping in mind the student’s desired career and professional goals.

American Politics
- POLS-Y 303 Policy Making in the United States
- POLS-Y 304 Constitutional Law

Comparative Politics/International Relations
- POLS-Y 338 African Politics
- POLS-Y 340 East European Politics
- POLS-Y 345 Comparative Revolutions
- POLS-Y 346 Politics in the Developing World
- POLS-Y 380 Selected Topics in Democratic Government (Topics vary)

Political Theory
- POLS-Y 212 Making Democracy Work
- POLS-Y 381 Classical Political Thought
- POLS-Y 382 Modern Political Thought
- POLS-Y 384 Developments in American Political Thought

Course offerings are subject to change. Please see the course description in the Schedule of Classes to determine the subfield of individual electives.

Electives

Choose additional courses to reach 120 credit hours total.

Institutional Program Requirements

In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

B.S. in Political Science (Online)

This degree completion program is designed for students who have completed at least 60 semester hours of transferable college credit with a GPA of 2.0 or better, or individuals who have completed an associate degree at the community college level. Prior transcripts are evaluated to determine academic status in relation to satisfying degree program requirements, including both general education courses equivalent to the Indiana University East core curriculum and all required prerequisites. The following is a sample two-year plan for the degree. Your actual program sequence will depend on the semester that you choose to begin the program and the courses you transfer into the program.
Completion Program Requirements (60 cr)

A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.

Semester 1 (Fall)
- POLS-Y 205 Analyzing Politics
- POLS Advanced Core – American Politics
- POLS Advanced Core – Comparative Politics/International Relations
- Elective or General Education Requirement
- Elective, Minor Course, or General Education Requirement

Semester 2 (Spring)
- POLS Advanced Core – Political Theory
- POLS Advanced Core
- Elective or 100-level Major Core course
- Elective, Minor Course, or General Education Requirement
- Elective, Minor Course, or General Education Requirement

Semester 3 (Fall)
- POLS Advanced Core
- POLS Advanced Core
- Elective, Minor Course, or General Education Requirement
- Elective, Minor Course, or General Education Requirement
- Elective, Minor Course, or General Education Requirement

Semester 4 (Spring)
- POLS-Y 490 Senior Seminar
- POLS Advanced Core
- Elective, Minor Course, or General Education Requirement
- Elective, Minor Course, or General Education Requirement
- Elective, Minor Course, or General Education Requirement

Institutional Program Requirements

In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

B.S. in Psychology (120 cr)

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Recommended General Education Coursework:
- Written Communication Skills: ENG-W 270
- Quantitative Reasoning: Statistics class (PSY-K 300 strongly recommended)
- Scientific Ways of Knowing: BIOL-L 101

Remaining General Education Requirements can be fulfilled as you and your advisor see fit.

Program Requirements

First-Year Seminar (0-3 cr)
- UCOL-U 101 or HON-H 100
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

Ethics (3 cr)
Choose one:
- PHIL-P 120 Ethics
- PHIL-P 140 Introduction to Ethics

Biology (3-4 cr)
- Choose one course in Biology (lab recommended)

Major Requirements (39 credits)

A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. No course with a grade below a 1.7 (C-) will be accepted in the major/concentration area.

General Core Requirements (12 cr)
- PSY-P 103 General Psychology
- PSY-P 211 Methods of Experimental Psychology
- PSY-P 206 Psychology of Everyday Life
- PSY-P 216 Lifespan Development

Advanced Core Requirement (15 cr)
- PSY-P326 Behavioral Neuroscience
  - One of the following:
    - PSY-P 329 Sensation and Perception
    - PSY-P 328 Evolutionary Psychology
  - One of the following:
    - PSY-P 325 Psychology of Learning
    - PSY-P 335 Cognitive Psychology
  - One of the following:
    - PSY-P 319 Psychology of Personality
    - PSY-P 320 Social Psychology
  - One of the following:
    - PSY-P 324 Abnormal Psychology
    - PSY-P 366 Concepts and Applications in Organizational Psychology

Psychology Electives (6 cr)
See your academic advisor for more information.
Diversity Requirement (3 cr)
Choose one approved course with advisor permission.

Capstone Course (3 cr)
Choose one of the following:
• PSY-P 495 Readings and Research in Psychology
• BSS-B 490 Senior Seminar, to be taken during the senior year

Electives
Choose additional courses to reach 120 credit hours total.

Institutional Program Requirements
In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

B.S. in Psychology (Online)
This degree completion program is designed for students who have completed at least 60 semester hours of transferable college credit with a GPA of 2.0 or better, or individuals who have completed an associate degree at the community college level. Prior transcripts are evaluated to determine academic status in relation to satisfying degree program requirements, including both general education courses equivalent to the Indiana University East core curriculum and all required prerequisites.

Completion Program Requirements (60 cr)
The program is designed to enable a student to complete the program requirements within 60 credit hours, assuming prior completion of all required general education courses and prerequisite courses. Your actual sequence of classes will depend on the semester that you choose to begin the program, and will be determined in consultation with an academic advisor.

A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major.

No course with a grade below a 1.7 (C-) will be accepted in the major/concentration area.

See degree requirements for BS in Psychology for more details.

Institutional Program Requirements
In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).
• SOC-S 410 Queer Identities and Communities
• Choose 3 Sociology courses at the 300/400 level

Advanced Anthropology Track (18 cr)
• SOC-S 340 Social Theory
• Choose 2 Anthropology courses at the 200 level, from 2 of 4 subfields
• Choose 2 Anthropology courses at the 300/400 level, from 2 of 4 subfields
• ANTH 494/495 Independent Study

Anthropology Subfields:
• Physical Anthropology
  o ANTH-B 200 Bioanthropology
  o ANTH-B 320 Forensic Anthropology
• Archaeology
  o ANTH-P 200 Introduction to Archaeology
  o ANTH-P 210 Life in the Stone Age
  o ANTH-P 230 Archaeology of the Ancient Maya
  o ANTH-P 301 Archaeology Methods and Analysis
  o ANTH-P 360 Prehistory of North America New World
  o ANTH-P 405 Fieldwork in Anthropology
• Cultural Anthropology
  o ANTH-E 200 Social and Cultural Anthropology
  o ANTH-E 300 Culture Areas and Ethnic Groups
  o ANTH-E 310 Cultures of Africa
  o ANTH-E 320 Indians of North America
• Linguistic Anthropology
  o ANTH-L 200 Language and Culture

Capstone Requirement (3)
• BSS-B 490 Senior Seminar

Electives
Choose additional courses to reach 120 credit hours total.

Institutional Program Requirements
In addition to major requirements, all students must meet Institutional Program Requirements (see page 14).

B.A. in Spanish (120 cr)

General Education Requirements (30 cr)
See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Recommended General Education Coursework:
• Written Communication Skills: ENG-W 270
• Quantitative Reasoning: MATH-H 111

Electives
Choose additional courses to reach 120 credit hours total.

Program Requirements

First-Year Seminar (0-3 cr)
• UCOL-U 101 or HON-H 100
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

World Languages & Cultures (0-14 cr)
• SPAN-S 100 Elementary Spanish I (4 cr)
• SPAN-S 150 Elementary Spanish II (4 cr)
• SPAN-S 200 Second Year Spanish I (3 cr)
• SPAN-S 250 Second Year Spanish II (3 cr)
  This requirement may also be met by receiving credit for Spanish language courses via placement exam.

Major Requirements (33 cr)
A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major. No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.
• SPAN-S 275 Introduction to Hispanic Culture
• SPAN-S 381 Hispanic Civilization I
• SPAN-S 382 Hispanic Civilization II
• SPAN-S 360 Intro to Hispanic Literature
• SPAN-S 383 Hispanic Civilization III
• SPAN-S 384 Hispanic Civilization IV
• HISP-S 308/SPAN-S 308 Composition and Conversation in Spanish
• SPAN-S 326 Introduction to Spanish Linguistics
• Choose 6 credits of upper level courses in SPAN or HISP
• SPAN-S 498 Capstone Seminar in Spanish

Immersion Requirement:
Choose from two tracks:
• Regular Track: At least three credits must be credits obtained as part of an overseas program. These may also include: Internship Program in Spanish (SPAN-S 493), Service Learning in Spanish (SPAN-S 370), etc.
• Cultural Immersion Track: At least nine credits must be credits obtained as part of an overseas program. These may also include: Internship Program in Spanish (SPAN-S 493), Service Learning in Spanish (SPAN-S 370), etc.

Electives
Choose additional courses to reach 120 credit hours total.
MINORS & CERTIFICATES

Minor in Anthropology (16-20 cr)

Minor Requirements

- ANTH-A 103 Human Origins and Prehistory
- ANTH-A 104 Culture and Society
- ANTH-A 495 Independent Study in Anthropology (Capstone)
- Choose one additional course at the 200 level or higher
- Choose 2 additional courses at the 300 level or higher

ANTH-A 495 is to be taken in conjunction with the final course of the anthropology minor sequence. The final course will normally be at the 300/400 level. Any exceptions must be approved by an advisor.

A grade of “C” or higher is required for any course applied to the minor.

Minor in Communication Studies (18 cr)

Minor Requirements

Required Courses

- CMCL-C 122 Interpersonal Communication (3 cr)
- CMCL-C 205 Introduction to Communication and Culture (3 cr)
- Students will take any two of the following courses at the 200-300 level (6 cr):
  - CMCL-C 225 Discussion & Decision Making
  - CMCL-C 304 Communication & Social Conflict
  - CMCL-C 307 Health Communication
  - CMCL-C 315 Advertising & Consumer Culture
  - CMCL-C 334 Special Topics in Communication & Culture
  - CMCL-C 337 New Media
  - CMCL-C 380 Nonverbal Communication
  - TEL-T 206 Intro to Design and Production
  - TEL-T 283 Intro to Television Production
  - JOUR-J 210 Visual Communication
  - JOUR-J 219 Intro to Public Relations
  - SPCH-S 303 Propaganda & Persuasion
  - SPCH-S 323 Speech Composition
  - SPCH-S 333 Public Relations Writing

- Any 200 or 300 level CMCL, SPCH, TEL, or JOUR course not listed above and approved by your advisor may also count towards fulfilling this requirement.

- Students will take two additional courses at the 400 level (6 cr):
  - CMCL-C 405 Communication Theories
  - CMCL-C 407 Rhetoric & History
  - CMCL-C 424 Communication Research Methods
  - CMCL-C 427 Cross Cultural Communication
  - CMCL-C 440 Organizational Communication
  - CMCL-C 450 Gender & Communication
  - TEL-T 498 Projects in Telecommunication

Any 400 level CMCL, SPCH, TEL, or JOUR course not listed above and approved by your advisor may also count towards fulfilling this requirement.

Minor in Creative Writing (18 cr)

Non-English majors must complete courses from the list below. English majors must complete 15 additional credit hours (5 courses) beyond the 36 hours required for the major in order to qualify for any English minor or certificate. At least 9 of the 18 credit hours must be at the 300 level and above.

Course Requirements

- ENG-W 203 Creative Writing
- ENG-L 202 Literary Interpretation
- Choose 12 credits from the following (any of these courses may be taken twice for credit):
  - ENG-W 301 Writing Fiction
  - ENG-W 303 Writing Poetry
  - ENG-W 311 Writing Creative Nonfiction
  - ENG-W 401 Advanced Fiction Writing
  - ENG-W 403 Advanced Poetry Writing
  - ENG-W 405 Writing Prose Non-Fiction

Note: All 300 & 400 level courses above may be repeated once for credit.

Evaluation

You will compile a portfolio of three creative writing projects of different focuses completed for courses and write a reflective essay of introduction. The portfolio will be reviewed by at least two English faculty. Your advisor will coordinate the portfolio review process.

Minor in Criminal Justice (15 cr)

Minor Requirements

- CJUS-P 100 Introduction to Criminal Justice
Minor in Fine Arts (18 cr)

Minor Requirements

Fine Art Appreciation (3 cr)
- FINA-A 102 Renaissance through Modern Art (3 cr)

Fundamental Studio (6 cr)
- FINA-F 100 Fundamental Studio Drawing (3 cr)
- Choose 1:
  - FINA-F 101 Fundamental Studio 3D Drawing (3 cr)
  - FINA-F 102 Fundamental Studio 2D Drawing (3 cr)

Studio Electives (9 cr)
9 credits at the 200 level and above. Students may choose from a variety of courses in Painting, Drawing, Metalsmithing, Ceramics, or Sculpture.

Minor in History (18 cr)

In addition to the following course requirements, a final essay is required to complete the minor. Please see your History faculty for details. All courses must be completed with a grade of C (2.0) or better.

Minor Requirements (18 cr)

- HIST-H 105 or HIST-H 106
- HIST-H 108 or HIST-H 109
- Choose any two American History courses at the 200 level or above (6 cr) *
- Choose any two World History courses at the 200 level or above. (6 cr) *

*9 hours for the minor must be at the 300-400 level.

Minor in International Studies (18 cr)

This interdisciplinary minor is open to students in all academic programs accommodating a minor. There are no prerequisites for the minor, although individual courses may have prerequisites.

Core Requirements (9 cr)

- HIST-H 232 The World in the 20th Century
- Choose two from:
  - ECON-E 104 Introduction to Macroeconomics
  - GEOG-G 110 Introduction to Human Geography
  - POLS-Y 107 Introduction to Comparative Politics
  - POLS-Y 345 Contemporary Revolutions

Electives (9 cr)
Choose three courses from:

- FINA-A 342 20th Century Art
- FREN-F 311 Contemporary French Civilization
- HIST-B 306 Modern European Race, Gender, and Identity
- HIST-B 408 European Nationalism and Identity
- HIST-D 410 Russian Revolutions & the Soviet Regime
- ECON-E 430 International Economics
- FREN-F 312 Readings in French Literature in Translation
- ENG-L 381 Recent Writing
- REL-R 152 Jews, Christians, Muslims
- SPCH-S 303 Persuasion and Propaganda
- SOC-S 308 Intro to Comparative Sociology
- CMCL-C 427 Cross-Cultural Communication
- SPAN-S 229 Spanish Culture & Civilization
- SPAN-S 275 Introduction to Hispanic Culture
- SPAN-S 303 The Hispanic World
- Other courses with permission of advisor.

Minor in Literature (18 cr)

Non-English majors must complete courses from the list below. English majors must complete 15 additional credit hours (5 courses) beyond the 36 hours required for the major in order to qualify for any English minor or certificate. At least 9 of the 18 credit hours must be at the 300 level and above.

Course Requirements

- ENG-L 202 Literary Interpretation (3 cr)

Group: Backgrounds of British Literature to 1800 (3 cr)
Choose one:

- ENG-L 306 Middle English Literature
- ENG-L 322 English Literature 1660 – 1789
- ENG-L 309 Elizabethan Poetry
- ENG-G 301 History of the English Language
- (Other courses may apply. Consult with the English dept.)

Group: Backgrounds of American Literature to 1900 (3 cr)
Choose one:

- ENG-L 351 American Literature 1800-1865
- ENG-L 352 American Literature 1865-1914
• ENG-L 355 American Fiction to 1900
• ENG-L 356 American Poetry to 1900
• ENG-L 361 Studies in 19th-Century American Literature
• (Other courses may apply. Consult with the English dept.)

Group: Modern Literature (3 cr)
Choose one:
• ENG-L 299 English Literature since 1800
• ENG-L 332 Romantic Literature
• ENG-L 335 Victorian Literature
• ENG-L 384 Studies in American Culture
• ENG-L 354 American Literature since 1914
• ENG-L 357 20th Century American Poetry
• ENG-L 358 20th Century American Fiction
• (Other courses may apply. Consult with the English dept.)

Group: Literature in World & Cultural Context (3 cr)
Choose one:
• CLAS-C 205 Classical Mythology
• ENG-L 225 Introduction to World Masterpieces
• ENG-L 378 Studies in Women & Literature
• ENG-L 379 American Ethnic & Minority Literature
• ENG-L 383 Studies in British or Commonwealth Literature
• (Other courses may apply. Consult with the English dept.)

Choose one English elective (3 cr)
Note: Other courses may apply toward the certificate as approved by the certificate advisors.

Minor in Music (20-26 cr)

Minor Prerequisites (6 cr)*
• MUS-T 101 Introduction to Music
• MUS-P 110 Beginning Piano Class
*These prerequisites may be fulfilled through a placement exam. Contact the Coordinator of Music for details.

Course Requirements (20 cr)
• MUS-T 113 Music Theory I
• MUS-T 115 Sight-Singing & Aural Perception (1 cr)
• MUS-T 114 Music Theory II
• MUS-T 116 Sight-Singing & Aural Perception (1 cr)
• MUS-M 403 History of Music I
• MUS-M 404 History of Music II
• Choose 6 credits of Music elective courses in consultation with the coordinator of Music.

Minor in Neuroscience (20 cr)

Course Requirements
This minor is jointly offered by the School of Natural Science and Math and the School of Humanities and Social Sciences. The minor in Neuroscience requires 20 hours of coursework.

Natural Science and Math Courses (11 cr)
• Choose one of the following:
  o PHSL-P 201 General Physiology 1 Lecture & Lab (5 cr)*
  o PHSL-P 215 Basic Human Physiology (5 cr)*
• BIOL-L 344 Addictions (3 cr)*
• BIOL-N 120 Topics In Biology (3 cr) VT: Biology Of Mental Illness

Humanities and Social Sciences Courses (9 cr)
• PSY-P 326 Behavioral Neuroscience (3 cr)*
• PSY-P 211 Meth Of Experimental Psychology (3 cr)*
• PSY-P 324 Abnormal Psychology (3 cr)*
* Courses have a prerequisite

Minor in Philosophy (18 cr)

Philosophy Minor Core (9 cr)
• PHIL-P 100 Introduction to Philosophy (3 cr)
• PHIL-P 150 Elementary Logic (3 cr) (cross-listed with PHIL-P 105)
• Choose one of the following:
  o PHIL-P 120 Ethics (3 cr)
  o PHIL-P 140 Introduction to Ethics (3 cr)

Minor Electives (9 cr)
Choose 9 hours of elective credit in philosophy, at the 200-level or higher.

Capstone Requirement
To complete the Minor in Philosophy, students must submit a portfolio showcasing their best work in all the courses counted toward the major. Consult with your minor advisor for specifics.

Minor in Political Science (18 cr)

Course Requirements

Required Courses (9 cr)
• POLS-Y 103 Introduction to American Politics
• POLS-Y 105 Introduction to Political Philosophy
• Choose one of the following:
  o POLS-Y 107 Introduction to Comparative Government
  o POLS-Y 109 Introduction to International Relations

Electives (9 cr)
Choose three courses in Political Science at 200 level or above.
At least two courses must be 300 level or above.
All electives require approval / consent of the minor advisor.

Minor in Psychology (18 cr)

Course Requirements

The Minor in Psychology requires 18 hours of coursework, at least 9 of which must be at the 300/400 level.

Required Courses (9 cr)
• PSY-P 103 General Psychology
• Choose one of the following:
  o PSY-P 216 Lifespan Development Psychology
  o PSY-P206 Psychology of Everyday Life
• PSY-P 211 Methods of Experimental Psychology (Note: With faculty approval, alternative research methods courses may be used to fulfill this requirement in terms of content. However, you must still complete 18 credit hours total in psychology coursework. Consult with your advisor.)

Distribution Requirements (9 cr)
At least three courses in Psychology must be taken at the 300 or 400 level. These courses may assume knowledge from PSY-P 103 (General Psychology) or PSY-P 211 (Methods of Experimental Psychology) as well as ability to complete assignments with citations in APA Publication Style.

Minor in Sociology (19 cr)

Course Requirements

• SOC-S 100 Introductory Sociology (3 cr)
• SOC-S 230 Society and the Individual (3 cr)
• SOC-S 340 Social Theory (3 cr)
• SOC-S 494 Field Experience (1 cr)
• Choose one from:
  o SOC-S 215 Social Change (3 cr)
  o SOC-S 217 Social Inequality (3 cr)
  o (Other courses are possible with consent of minor advisor)
• Choose two courses (6 hours) at the 300/400 level

Minor in Spanish (23 cr)

Certain courses in this minor have prerequisites. Placement into the appropriate level of Spanish language course is required.

Requirements

Students must be placed into the appropriate level Spanish course by test or advisement before beginning the Minor. Six credit hours beyond SPAN-S 250 must be completed on the IU East campus.

Required Courses
• SPAN-S 100 Elementary Spanish I (4 cr)
• SPAN-S 150 Elementary Spanish II (4 cr)
• SPAN-S 200 Second-Year Spanish I (3 cr)
• SPAN-S 250 Second-Year Spanish II (3 cr)
• SPAN-S 275 Introduction to Hispanic Culture (3 cr)
• HISP-S 308 Spanish Conversation and Composition (3 cr)
• HISP-S 328 / SPAN-S360 Introduction to Hispanic Literature (3 cr)

A grade of C- or better is required for all courses used in the minor. Students’ average GPA in the minor must not be below 2.0.

Minor or Certificate in Technical and Professional Writing (18 cr)

Non-English majors must complete courses from the list below. English majors must complete 15 additional credit hours (5 courses) beyond the 36 hours required for the major in order to qualify for any English minor or certificate. At least 9 of the 18 credit hours must be at the 300 level and above.

Course Requirements

Required (12 cr)
• ENG-W 231 Professional Writing Skills
• ENG-W 321 Advanced Technical Writing
• ENG-W 323 Digital Writing
• ENG-W 324 Technical Editing

Electives (6 cr)
Choose 6 credits from:
• ENG-W 230 Science Writing
• ENG-W 270 Argumentative Writing
• ENG-G 205 Introduction to English Language
• ENG-G 207 Grammar and Usage

Note: Other courses may be used toward the minor with permission of the minor advisor.
Minor or Certificate in Women’s & Gender Studies (18 cr)

There are no prerequisites to the minor itself, although some courses may require an introductory course in the specific discipline before enrolling in courses to meet the requirements for the Women’s and Gender Studies courses.

Required Courses

Choose at least one course from:

• WOST-W 200 Women in Society: Intro to Women’s Studies
• WOST-W 201 Women in Culture: Intro to Women’s Studies

Choose four courses from at least two of the following groups:

• Group: Social Sciences
  o HSRV-H 205 Treatment Issues
  o POLS-Y 206 Politics of Am Ethnic
  o POLS-Y 324 Gender & Politics
  o POLS-Y 345 Contemporary Revolutions
  o PSY-B 388 Human Sexuality
  o PSY-P 460 Women: A Psychological Perspective
  o SOC-S 217 Social Inequality
  o SOC-S 316 The Family
  o SOC-S 410 (TOPIC: Queer Identities & Comm.)
  o SOC-S 413 Gender and Society
  o CJUS-P 493 (TOPIC: Class, Race, Gender & Crime)

• Group: Humanities
  o CMCL-S 122 Interpersonal Communication
  o CMCL-C 450 Gender and Communication
  o ENG-G 205 Intro to the English Language
  o ENG-L 202 Literary Interpretation
  o ENG-L 204 Introduction to Fiction
  o ENG-L 207 Women and Literature
  o ENG-L 208 (TOPIC: History of Children’s Lit)
  o ENG-L 208 (TOPIC: Women Irish Writers)
  o ENG-L 332 Romantic Literature
  o ENG-L 335 Victorian Literature
  o ENG-L 357 Twentieth Century American Poetry
  o ENG-L 369 (TOPIC: Amer. Women Writers of 20th Century)
  o ENG-L 369 (TOPIC: History of Children’s Lit)
  o ENG-L 374 Ethnic American Literature
  o ENG-L 378 Studies in Women and Literature
  o ENG-L 379 American Ethnic and Minority Lit
  o ENG-L 383 British or Commonwealth Lit
  o ENG-L 390 Children’s Literature
  o ENG-L 391 Literature for Young Adults
  o ENG-L 392 Multicultural Children’s and YA Lit
  o ENG-L 369/L666 Survey of Children’s Lit
  o HIST-B 306 Modern Europe Race, Gender, Identity
  o HIST-H 260 History of Women in the US
  o HIST-A 314 U.S. History 1917-45
  o PHIL-P 282 Women in Philosophical Thought
  o SPAN-S 284 Women in Hispanic Culture
  o SPAN-S 290 (TOPIC: The Role of Women)
  o SPCH-S 122 Interpersonal Communication
• Group: Natural Sciences
  o ANAT-A 215 Basic Human Anatomy
  o BIOL-L 108 Environment and Life
  o BIOL-L 340 Biological Sex Roles
  o BIOL-L 391 (TOPIC: Women in the Environment)
  o PHSL-P 215 Human Physiology
  o PHSL-P 261 Human Anatomy and Physiology I
  o PHSL-P 262 Human Anatomy and Physiology II
• Group: Nursing
  o NURS-K 352 Women’s Health
• Group: Purdue Programs in Richmond
  o OLS 454 Gender and Diversity in Management
  o OLS 456 Leadership in Global Environment
• Group: Women’s and Gender Studies
  o WOST-W 480 Practicum in Women’s Studies
  o WOST-W 495 Readings & Research
  o WOST-W 498 Critical Issues in Women’s Studies

Certificate in Hispanic Studies (23 cr)

The Certificate in Hispanic Studies is open to both degree seeking and non-degree-seeking students. Certain courses have prerequisites and you will first need to fulfill those prerequisites. Placement into the appropriate level of Spanish language course is required.

Certificate Requirements

Students must be placed into the appropriate level Spanish course by test or advisement before beginning the certificate program. At least 9 hours of the certificate must be completed on the IU East campus. Student's GPA for the certificate must not be below a 2.0.

Hispanic Culture -- Required Course (3 cr)

Course is taught in English.

• SPAN-S 303 The Hispanic World

Spanish Language -- Required Courses (0-14 cr based on proficiency)

• SPAN-S 100 Elementary Spanish I (4 cr)
• SPAN-S 150 Elementary Spanish II (4 cr)
• SPAN-S 200 Second-Year Spanish I (3 cr)
• SPAN-S 250 Second-Year Spanish II (3 cr)
• or test out via placement exam
Diversity and Culture -- Electives (6 cr)
Choose two courses from the list below or other courses by approval of certificate advisors.

These courses are taught in English:
• SPAN-S 229 Spanish Culture and Civilization
• SPAN-S 284 Women in Hispanic Culture
• SPAN-S 290 Topics in Hispanic Culture
• SWK-S 102 Understanding Diversity in a Pluralistic Society
• CMCL-C 427 Cross Cultural Communication

These courses are taught in Spanish:
• SPAN-S 275 Introduction to Hispanic Culture
• HISP-S 308 Spanish Conversation and Composition
• HISP-S 328 Introduction to Hispanic Literature

Graduate Certificate in Composition Studies (Online)

The Graduate Certificate in Composition Studies Program offers graduate level education in composition studies for those who teach English at the high school or postsecondary level or for those who wish to teach writing at the community college or university level that do not hold an M.A. in English.

The purpose of the graduate Certificate in Composition Studies is to offer students a focused certificate in the teaching of reading and writing. The certificate provides structured learning and a supportive atmosphere for students who do not wish to pursue a traditional master’s degree in English or who wish to pursue certification in Composition Studies prior to or after completion of an MA degree.

The certificate’s courses, offered 100% online, provide flexibility in format and scheduling. Our online courses offer individualized instruction by shaping courses to individual student needs. The certificate also provides further professional development at the graduate level for licensed teachers already teaching academic writing at the high school level. The certificate does not lead to Indiana teacher licensure.

Disclosure: https://apps.usss.iu.edu/disclosures/?plan=EA04.23.130

Certificate Requirements

Students must complete the 20 credit hours from the courses listed below, with 12 of the credit hours earned from IU East. Students must earn a grade of “B” or better for all courses used within the certificate.

Course Requirements (20 cr)
• ENG-W 500 Teaching Composition: Issues & Approaches (4 cr)
• ENG-G 660 Stylistics (4 cr)
• ENG-W 501 Practicum on Teaching of Composition (4 cr)
• ENG-W 590 Teaching Writing: Theories and Application (4 cr)
• ENG-W 682 Spec. Topics: Rhetoric & Composition (4 cr) (Capstone)

COURSE DESCRIPTIONS

Anthropology

ANTH-A 103 Human Origins and Prehistory (3 cr)
The biological evolution and archaeological history of the human species through Stone and Metal Ages.
• Offered fall and spring semesters; summer, alternating years

ANTH-A 104 Culture and Society (3 cr)
Introduction to the comparative study of human cultures and social processes that influence behavior.
• Offered fall, spring, and summer semesters

ANTH-A 150 Freshman Seminar in Anthropology: Topics (3 cr)
Introduction to the study of anthropology through the applicability of anthropological theory and method to specific social and cultural issues. May be repeated twice with different topics.
• Offered spring semester, alternating years

ANTH-A 305 Museum Studies I: Methods History, Issues (3 cr)
Introduction to basic workings of an art museum: the history of museums, collection management, cataloging of objects. The course works closely with the IU Art Museum and its staff and, where applicable, with staff from other museums nearby.
• Joint offered with FINA-A 390 and HIST-T 325
ANTH-A 405 Museum Methods (3 cr)
Methods and techniques of museum design, administration, accessioning, conservation and restoration, acquisition of specimens, curatorial work, exhibition and education.
- Offered spring semester, alternating years
- Prerequisites: Coursework in art and art history and/or introductory anthropology

ANTH-A 400 Undergrad. Sem. in Anthropology (3 cr)
Seminar in various anthropology topics that are not covered by other anthropology courses, excluding ethnography and ethnology.
- Offered occasionally
- Prerequisites: ANTH-A 104, ANTH-A 103, or SOC-S 100 Introduction to Sociology

ANTH-A 495 Ind. Studies in Anthropology (1-4 cr)
A supervised, in-depth examination through individual research on a particular topic selected and conducted by the student in consultation with an anthropology faculty member.
- Prerequisites: Consent of Instructor

ANTH-B 200 Biological Anthropology (3 cr)
Bioanthropology of man, basic biological principles, morphology, function of evolutionary history. Man’s evolution from lower forms, environmental factors, speciation and differentiation into varieties, mixture, growth, sexual differences, constitutional variability.

ANTH-B 320 Forensic Anthropology (3 cr)
This course will explore the application of biological anthropology in the legal process of death investigation. Topics to be covered include: determining sex, age, and ancestry from human remains; procedures for reconstructing trauma and/or pathological conditions from skeletons; the ethics of forensic anthropology; and working with law enforcement agencies.

ANTH-E 200 Social and Cultural Anthropology (3 cr)
Intermediate survey of theories and problems in social and cultural anthropology. Historical development, methods in inquiry, focal problems, and contemporary theoretical perspectives.
- Offered occasionally

ANTH-E 300 Culture Areas and Ethnic Groups (3 cr)
An ethnographic survey of a selected culture area or ethnic group.
- Offered fall semester, alternating years
- Prerequisites: ANTH-A 103, ANTH-A 104 or consent of instructor

ANTH-E 310 Cultures of Africa (3 cr)
Ethnographic survey of culture areas south of the Sahara.
- Offered occasionally
- Prerequisites: ANTH-A 104, ANTH-E 200

ANTH-E 320 Indians of North America (3 cr)
Ethnographic survey of culture areas from Arctic to Panama plus cross-cultural analysis of interrelations of culture, geographical environment, and language families.
- Offered fall semester
- Prerequisites: ANTH-A 104, ANTH-A 103 or consent of instructor

ANTH-P 200 Intro to Archaeology (3 cr)
Introduction to the goals, methods, and theories that archaeologists use to learn about the past. The pursuit and interpretation of archaeological evidence are explored by reviewing case studies from across the globe and diverse time periods. Topics include food and subsistence, culture change, social life, political economies, and archaeological ethics.

ANTH-P 210 Life in the Stone Age (3 cr)
Examination of the major developments in the Stone Age, emphasizing technological innovations, changes in subsistence patterns, and geographic and ecological expansions of human populations. The course will consist of weekly lectures and a laboratory practicum where students will learn to make and use stone tools.
- Offered fall semester, alternating years

ANTH-P 230 Archaeology of the Ancient Maya (3 cr)
This is a course about the ancient Maya. Lecture and discussion will cover what is known about the Maya past and how the past relates to the present day. Writing, architecture, mythology, mathematics, agriculture, political structure and economy will be considered.
ANTH-P 301 Archaeological Methods & Analyses (3 cr)
Specific field or laboratory methods for collecting and analyzing archaeological materials and data within a framework of answering research questions about the past. Topics vary: dating, materials science, subsistence indicators, archaeological survey.
- Credit not given for both ANTH-P 400 and ANTH-P 301
- Offered occasionally
- Prerequisites: ANTH-P 200 or consent of instructor

ANTH-P 360 Prehistory of North America (3 cr)
An exploration of the archaeology of North America by addressing current issues and debates, including the peopling of the New World, hunter-gatherer research, origins of agriculture, socio-political complexity and inequality, trade and exchange, post-colonial culture contact, and archaeological ethics. Archaeological evidence from several regions and culture areas is emphasized.
- Offered fall semester, odd years

ANTH-P 405 Fieldwork in Archaeology (1-8 cr)
Archaeological work directed toward field techniques: excavation and preservation of materials, surveying, photography, and cataloging.
- Offered occasionally

Communication Studies

CMCL-C 122 Interpersonal Communication (3 cr)
Introduction to the study of communication, culture, identity and power. Each student does original primary research. Topics range from groups in North Africa to high school and college students in the United States, and issues such as gendered language, slang, verbal play, and institutional language.

CMCL-C 205 Introduction to Communication and Culture (3 cr)
Critically examines communication as a cultural practice as it affects the beliefs, attitudes, values, and behaviors of individuals, groups, and publics.

CMCL-C 223 Business & Prof. Communication (3 cr)
Examines organizational communication, with emphasis on skills acquisition. Developed skills include interviewing.

CMCL-C 225 Discussion & Decision Making (3 cr)
Leadership, participation, and decision making in group settings, including committee, conference, public discussion, and social dimensions of group process.

CMCL-C 304 Communication & Social Conflict (3 cr)
Examination of sources and functions of symbolic influence in contemporary society. Emphasis upon developing rhetorical skills for critiquing social conflict.

CMCL-C 307 Health Communication (3 cr)
Health communication is a growing specialty in the field of communication. It is the area of study concerned with human communication in health promotion, disease prevention, and treatment process; specifically, the way we seek, process, and disseminate health information. This course is designed to provide a comprehensive introduction of the major issues, topics, and compelling areas of study in health communication research. Issues related to medical interaction, social and cultural issues, interpersonal relationships, and the media will be covered. The study of these areas helps us to understand the way that individuals construct, exchange, and evaluate health messages in a variety of healthcare contexts.

CMCL-C 309 Deception, Jealousy and Secrets (3 cr)
This course is designed to familiarize students with theory and research that focuses on the darker side of human communication. In particular, this class explores those dysfunctional, distorted, distressing, and destructive elements of communication in both interpersonal and mass media contexts. Additionally, this course provides an orientation for understanding the dark side as inseparable from the brighter side in understanding human communication.

CMCL-C 328 Digital Responsibilities and Rights (3 cr)
The course considers responsible media use, consumption, and production by amateur users in media and information rich situations of everyday life.
CMCL-C 315 Advertising and Consumer Culture (3 cr)
Critical examination of advertising's role in modern societies. Focuses on marketing and consumption as central activities in shaping personal identity and social relations.

CMCL-C 334 Current Topics in Communication (3 cr)
Analysis of selected problems in communication and culture. Topics vary each semester.

CMCL-C 337 New Media (3 cr)
Develops frameworks for understanding new media technologies in social contexts. Compares computing, networked digital media, and social media to prior eras of technological change, focusing on interactions among technological, industrial, regulatory, social, and cultural forces.
- May be repeated with a different topic for a maximum of 6 credit hours

CMCL-C 380 Nonverbal Communication (3 cr)
Provides a conceptual and theoretical foundation for understanding how nonverbal communication influences perceptions of others and the ways in which nonverbal communication reflects emotions, status, sex roles, etc. The course explores how nonverbal communication facilitates retention, comprehension, and persuasiveness of verbal information, including the ability to detect deceptive communication.

CMCL-C 405 Communication Theories (3 cr)
Survey of contemporary theories of human communication with emphasis on the nature of theory construction; contributions of allied disciplines to communication theory.
- This course also listed as SPCH-S 405
- Offered spring semesters
- Prerequisite: CMCL-C 205

CMCL-C 424 Communication Research Methods (3 cr)
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.
- Offered fall semesters
- Prerequisite: CMCL-C 205, CMCL-C 405

CMCL-C 427 Cross-Cultural Communication (3 cr)
A survey study of national, cultural, and cross-cultural persuasion in theory and practice.

CMCL-C 440 Organizational Communication (3 cr)
Examination of internal and external communication in business and other professional organizations, with emphasis on theory, techniques, practices, goals, and the social environment in which such communication exists.

CMCL-C 450 Gender and Communication (3 cr)
Examines the extent to which biological sex and gender role orientation and stereotypes influence the process of communication. Focuses on gender differences in decoding and encoding verbal and nonverbal behavior, development of sex roles, cultural assumptions, and stereotypes regarding gender differences in communication. Analyzes how the media present, influence, and reinforce gender stereotypes.

CMCL-C 490 Capstone Seminar in Communication and Culture (3 cr)
Original research project, culmination in honors thesis to be written under direction of faculty member.
- Offered spring semesters
- Prerequisite: Senior standing, CMCL-C 405 and CMCL-C 424

CMCL-C 545 Pedagogy in Communication and Culture (4 cr)
Focuses on critical, theoretical, philosophical and strategic approaches to problems of pedagogy in communication and culture.

CMCL-C 606 Media Criticism (3 cr)
Study of the main schools and methods of media criticism.

Criminal Justice

CJUS-K 300 Techniques of Data Analysis (3 cr)
Covers the properties of single variables, the measurement of association between pairs of variables, and statistical inference. Additional topics, such as the analyses of qualitative and aggregated data, address specific criminal justice concerns.
• Prerequisite: CJUS-P 100 or consent of instructor, any college math course except MATH-M 117

CJUS-P 100 Introduction to Criminal Justice (3 cr)

Historical and philosophical background, structure, functions, and operation of the criminal justice system in the United States. Introduction to and principles of formal behavior control devices.

• Previously SPEA-J 101

CJUS-P 200 Theories of Crime and Deviance (3 cr)

Critical examination of biological, psychological, and individual, group, and societal reactions to norm-violating behaviors.

• Previously SPEA-J 201
  • Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 295 Criminal Justice Data, Methods and Resources (3 cr)

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.

• Previously SPEA-J 202
  • Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 300 Topics in Criminal Justice (3 cr)

Extensive analysis of selected topics and themes in criminal justice.

• Topics vary each semester
• May be repeated with different topics for a maximum of 9 credit hours
• Previously SPEA-J 370
  • Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 301 Police in Contemporary Society (3 cr)

Examination of the rules and responsibilities of the police, history of police organizations, relations between police and society, and determinants of police action.

• Previously SPEA-J 321
  • Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 302 Courts and Criminal Justice (3 cr)

Structure, organization, composition, functions, and procedures of courts in the United States. Role of lawyers and judges in the criminal justice process.

• Previously SPEA-J 306
  • Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 303 Corrections and Criminal Justice (3 cr)

Historical and comparative survey of prison confinement and the various alternatives within the scope of the criminal justice system’s policies and methods of implementation.

• Previously SPEA-J 331
  • Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 320 Foundations of Criminal Investigation (3 cr)

The pertinence to criminal investigation of physical evidence, people, and documents. Discussion of ethical problems, impact of legal systems on investigative process, and elements of effective testimony.

• Previously SPEA-J 320
  • Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 330 Criminal Justice Ethics (3 cr)

Study of major ethical theories with emphasis on their application to components of the criminal justice system. Personal and professional dilemmas and problem-solving strategies are emphasized.

• Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 370 Criminal Law (3 cr)

Definition of common crimes in the United States and factors involving the application of criminal law as a formal social control mechanism. Behavior-modifying factors that influence criminal liability and problems created when new offenses are defined.

• Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 372 Evidence (3 cr)

The rules of law governing proof at a trial of disputed issues of fact, burden of proof presumption and judicial notice; examination, impeachment, competency, and privileges of witnesses; hearsay rule and exception—all related as nearly as possible to criminal as opposed to civil process.

• Previously SPEA-J 303
  • Prerequisite: CJUS-P 100 or consent of instructor
CJUS-P 374 Substantive Criminal Law (3 cr)
The development, limitations, and application of substantive criminal law utilizing the case study method.
- Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 375 American Juvenile Justice System (3 cr)
Structure and operation of the juvenile justice system in the United States, past and present. Analysis of the duties and responsibilities of the juvenile police officer, the juvenile court judge, and the juvenile probation officer.
- Previously SPEA-J 305
- Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 376 Procedural Criminal Law (3 cr)
Criminal law application and procedure from the initiation of police activity through the correctional process, utilizing the case-study method.
- Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 411 Criminal Justice Management (3 cr)
Examination of the ideas and concepts from various disciplines contributing to modern administrative theory, and translation of these insights to the management of criminal justice agencies.
- Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 422 Crime in the Mass Media (3 cr)
Examination of the role of the media generally and in the criminal justice system in particular. Consideration of the construction of media images, images of crime and criminal justice in various mediums, and the ways in which the media affect beliefs about crime and criminal justice.
- Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 457 Seminar on White-Collar Crime (3 cr)
The nature and incidence of white-collar crime. In addition to studying the etiological theories relating to white-collar crime, the course will also focus on both the criminal and civil (regulatory) processes used to control corporate, organizational, and elite misconduct.
- Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 458 Wrongful Conviction (3 cr)
Investigates the factors associated with wrongful convictions and discusses possible remedies for minimizing such miscarriages of justice. The goal of this course is to systematically describe, explain, analyze and evaluate the factors associated with, and the consequences of, the wrongful prosecution, conviction, and incarceration of the innocent in the American criminal justice system. Includes a view of actual allegations of innocence by inmates currently in our prisons, and case-studies of wrongly convicted individuals who have been exonerated.
- Prerequisite: CJUS-P 100 or consent of instructor

CJUS-P 470 Senior Seminar in Criminal Justice (3cr)
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.
- Previously SPEA-J439
- Prerequisite: Senior standing, CJUS-K300 (or equivalent), CJUS-P295

CJUS-P 481 Field Experience in Criminal Justice (1-6 cr)
Field experience with directed readings and writing.

CJUS-P 493 Seminar in Criminal Justice (3 cr)
Intensive study and analysis of selected problems in criminal justice.
- Topics will vary
- May be repeated for a total of 9 credit hours with different topics
- Previously SPEA-J370
- Prerequisite: CJUS-P100 or consent of instructor

CJUS-P 496 Research Internship (1-3 cr)
Active participation in a research project and related activities under the direction of a faculty member. Students and instructor will complete a form agreeing on responsibilities at the beginning of the relevant semester.

English Grammar

ENG-G 205 Intro. 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.
- Offered fall semester, even years
ENG-G 207 Grammar and Usage (3 cr)
Provides students with a foundation in traditional grammar and usage.
• Offered spring semesters

ENG-G 301 History of the English Language (3 cr)
• Offered fall semester, odd years

ENG-G 500 Introduction to the English Language (3 cr)
An introduction to the English language: its nature, structure, and development.
• Offered fall, odd years

ENG-G 552 Linguistics for Teachers (4 cr)
Topics in applied English linguistics, intended for English teachers at all levels.
• Offered fall, even years

ENG-G 652 English Language Sociolinguistics (4 cr)
A survey course in American and British sociolinguistics, this course investigates the theoretical bases, the major works, and the methodological approaches of current sociolinguistics.
• Offered occasionally

ENG-G 660 Stylistics (4 cr)
Survey of traditional and linguistic approaches to the study of prose and poetic style. Attention will center on description of the verbal characteristics of texts, what those characteristics reflect about the author, and how they affect the reader.
• Offered spring semesters

ENG-D 600 History of the English Language (4 cr)
Survey of the evolution of the English language from its earliest stages to the present, with reference to its external history and to its phonology, morphology, syntax, and vocabulary.
• Offered occasionally

English Literature

CLAS-C 205 Classical Mythology (3 cr)
Introduction to Greek and Roman myths, legends, and tales, especially those that have an important place in the Western cultural tradition.
• Offered occasionally in summer

ENG-L 202 Literary Interpretation (3 cr)
Development of critical skills essential to participation in interpretive process. Through class discussion and focused writing assignments, introduces the premises and motives of literary analysis and critical methods associated with historical, generic, and/or cultural concerns.
• Offered fall and spring semesters, occasional summers
• Prerequisite: ENG-W 131 or equivalent

ENG-L 203 Introduction to Drama (3 cr)
Representative significant plays to acquaint you with characteristics of drama as a type of literature. Readings include plays from several ages and countries.
• Offered occasionally

ENG-L 204 Introduction to Fiction (3 cr)
Representative works of fiction; structural techniques in the novel. Novels and short stories from several ages and countries.
• Offered occasionally

ENG-L 205 Introduction to Poetry (3 cr)
A basic course that will enable students to talk and write about poetry.
• Offered occasionally

ENG-L 207 Women and Literature (3 cr)
Issues and approaches to the critical study of women writers and treatment in British and American literature.
• Offered occasionally

ENG-L 208 Topics in English & American Lit. (3 cr)
Selected works of English or American literature in relation to a single cultural problem or theme. Topics will vary from semester to semester.
• Offered occasionally
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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| ENG-L 209  | Topics in American Lit. & Culture (3 cr) | | Selected works of American literature taught in relation to a single cultural problem or theme. Topics will vary from semester to semester.  
- Offered occasionally |
| ENG-L 225  | Introduction to World Masterpieces (3 cr) | | An intensive study of masterpieces of world literature from Homer’s Odyssey to Goethe's Faust, which present the archetypal patterns of human experience that recur in the great literature of the past and present.  
- Offered fall semester, even years |
| ENG-L 250  | American Literature Before 1865 (3 cr) | | An introductory survey of representative works with an emphasis on major writers.  
- Offered occasionally  
- Prerequisite: ENG-W 131 or equivalent |
| ENG-L 251  | American Literature After 1865 (3 cr) | | An introductory survey of representative works with an emphasis on major writers.  
- Offered occasionally  
- Prerequisites: ENG-W 131 or equivalent |
| ENG-L 260  | Intro to Advanced Study of Literature (3 cr) | | Introduces four principles essential to advanced student of literature: attention to language and varieties of figurative language, analysis of generic forms and modes, awareness of historical context and mediation of forms, and facility with traditional and contemporary theories of literature. |
| ENG-L 295  | American Literature and Film (3 cr) | | Film in relation to American culture and society. 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. Topic varies.  
- Offered occasionally |
| ENG-L 297  | English Literature to 1600 (3 cr) | | Representative selections, with emphasis on major writers from Chaucer to Shakespeare and on their cultural content.  
- Offered occasionally |
| ENG-L 298  | English Literature from 1600-1800 (3 cr) | | Representative selections, with emphasis on major writers from Donne to Johnson and on their cultural context.  
- Offered occasionally |
| ENG-L 299  | English Literature Since 1800 (3 cr) | | Representative selections, with emphasis on major writers from Blake to the present and on their cultural context.  
- Offered occasionally |
| ENG-L 306  | Middle English Literature (3 cr) | | A survey of Middle English lyrics, drama, and romance, with special attention to Langland, The Pearl-poet, and Gover, designed to acquaint the student with the language and literary development of England from 1066 to 1500.  
- Offered spring semester, even years |
| ENG-L 308  | Elizabethan and Seventeenth-Century Drama (3 cr) | | English drama from Shakespeare’s time to the closing of the theaters in 1642 and beyond.  
- Offered occasionally |
| ENG-L 309  | Elizabethan Poetry (3 cr) | | Will focus on the sonnets and longer poetic works by Edmund Spenser, William Shakespeare, Philip Sidney, and other poets of the Elizabethan period.  
- Intended for the English major and for those with some literature and writing background  
- Offered spring semester, odd years |
| ENG-L 315  | Major Plays of Shakespeare (3 cr) | | A close reading of a representative selection of Shakespeare’s major plays.  
- Offered fall semester, odd years |
| ENG-L 317  | English Poetry of the Early Seventeenth Century (3 cr) | | Will focus on the poetry of John Donne, Ben Johnson, George Herbert, and Andrew Marvell, among others.  
- It is intended for the English major and for those with some literature and writing background  
- Offered occasionally |
ENG-L 322 English Literature 1660-1789 (3 cr)
Will cover the literature of British Restoration eighteenth-century (drama, poetry, non-fiction, and fiction), focusing on, for instance, work by Dryden, Pope, and Samuel Johnson.
- Intended for the English major and for those with some literate and writing background
- Offered fall, even years

ENG-L 332 Romantic Literature (3 cr)
British literature and culture in the age of Romanticism and the revolutionary era (ca. 1780-1830). Poetry, fiction, drama, and non-fiction writings from major and minor authors, such as Austen, Blake, Byron, Coleridge, Scott, the Shelleys, Keats, Wollstonecraft, and the Wordsworths.
- Offered occasionally

ENG-L 335 Victorian Literature (3 cr)
Major poetry and prose, 1830-1900, studies against social and intellectual background of period.
- Offered spring semester, odd years

ENG-L 337 Victorian Literature (3 cr)
Covers short and book-length poetry of the Victorian period. 1837-1901, by such authors as Alfred Lord Tennyson, Robert Browning, Elizabeth Barrett Browning, Christina Rossetti, Matthew Arnold, and George Meredith. It may include at least one novel-in-verse such as Tennyson’s “Idylls of the King” or Barrett Browning’s “Aurora Leigh”.
- Offered occasionally

ENG-L 345 Twentieth-Century British Poetry (3 cr)
Modern poets, especially Yeats, Eliot, Auden; some later poets may be included.
- Offered occasionally

ENG-L 346 Twentieth-Century British Fiction (3 cr)
20th-century novel and its techniques and experiments, chiefly Lawrence, Joyce, Woolf, and recent novelists.
- Offered fall semester, odd years

ENG-L 347 British Fiction to 1800 (3 cr)
Forms, techniques and theories of fiction as exemplified by such writers as Defoe, Richardson, Fielding, Smollett, and Sterne.

ENG-L 348 Nineteenth-Century British Fiction (3 cr)
Forms, techniques, and theories of fiction, as exemplified by such writers as Scott, Dickens, Eliot, and Hardy.
- Offered occasionally

ENG-L 349 British Literature since 1900 (3 cr)
British literature from the twentieth century through the present, including a variety of literary genres.

ENG-L 351 American Literature 1800-1865 (3 cr)
Study of a range of texts from the formative period of the republic to the end of the Civil War. Special attention paid to the shifting definitions and constructions of U.S. American national and cultural identity, as affected by issues of race, environment, transatlantic exchanges, scientific discourse, and the emergence of women writers.
- Offered spring semester, odd years

ENG-L 352 American Literature 1865–1914 (3 cr)
Surveys American literature through the development of realism, regionalism, naturalism, and the beginnings of modernism. Considers literature’s relation to social and cultural phenomena of this era, such as urbanization, industrialization, immigration, racial tensions, labor strife, changing gender roles, and the spread of mass media and consumer culture.
- Offered fall semester, odd years

ENG-L 354 American Literature since 1914 (3 cr)
Study of modernist and contemporary American writers in various genres, 1914 to the present, including Frost, Stein, Faulkner, O’Connor, Baldwin, Morrison, and others.

ENG-L 355 American Fiction to 1900 (3 cr)
Survey of a range of literary fiction in nineteenth-century America, examining a variety of forms including the novel, sketch, short story, as well as modes (Gothic, romance, sentimental, adventure). Attention will be paid to the historical, cultural, and political contexts in which canonical and lesser-known authors wrote.
- Offered fall semester, even years

ENG-L 356 American Poetry to 1900 (3 cr)
Includes work of Bradstreet, Taylor, the fireside poets, Poe, Emerson, Whitman, Dickinson, and Crane.
- Offered occasionally
ENG-L 357 20th Century American Poetry (3 cr)
Examination of the general trends and important contributions found in the work of major and minor American poets.
- Offered occasionally

ENG-L 358 20th Century American Fiction (3 cr)
Survey of literary expressions centered mainly in the first half of the twentieth century. Attention may be given to such literary movements as modernism and the Beats, as well as literature written by women and various ethnic populations.
- Offered occasionally

ENG-L 360 American Prose (Excluding Fiction) (3 cr)
Examines—but is not limited to—such nonfiction genres as the personal or political essay, science writing, journalism exposé, history, biography, film criticism, memoir, travel and speech writing. The instructor may focus on a particular genre or period.
- Offered fall semesters, odd years

ENG-L 361 Studies in 19th-Century American Lit (3 cr)
Study of 19th century American literature focused on a particular literary, cultural, or thematic movement or issue of the time.
- Offered spring semesters, even years

ENG-L 364 Native American Literature (3 cr)
A survey of traditional and modern literature by American Indians, especially of the high plains and southwest culture areas, with particular attention to the image of the Indian in both native and white literature.
- Offered occasionally spring, odd years

ENG-L 366 Modern Drama: English, Irish, American and Post-Colonial (3 cr)
Shaw, Synge, O’Neill, and other significant dramatists, such as Harold Pinter, Edward Albee, August Wilson, Athol Fugard, and Wole Soyinka.
- Offered occasionally

ENG-L 367 Literature of the Bible (3 cr)
Study of the Hebrew Bible and New Testament with emphasis on questions of reading and interpretation.
- Offered occasionally

ENG-L 369 Studies in American & British Authors (3 cr)
Studies in single authors (such as Wordsworth and Melville), groups of authors (such as minority writers), and periods (such as American writers of the 1920s). Topics vary from semester to semester.
- May be repeated once for credit
- Offered occasionally

ENG-L 370 Black American Writing (3 cr)
A study of the major black American writers, with special emphasis on recent writing.
- Offered spring even years

ENG-L 371 Introduction to Critical Practices (3 cr)
Study of and practice in critical methodologies. Can be focused on specific topics.
- Offered spring semesters

ENG-L 372 Contemporary American Fiction (3 cr)
American fiction of the last twenty years, including such writers as Bellow, Barth, Didion, Malamud, Pynchon, and Updike.
- Offered occasionally

ENG-L 378 Studies in Women and Literature (3 cr)
British and American authors such as George Eliot, Gertrude Stein; groups of authors, such as the Bronte sisters, recent women poets; or genres and modes, such as autobiography, film, and criticism. Topics will vary from semester to semester.
- Offered fall semester, even years

ENG-L 379 American Ethnic & Minority Lit. (3 cr)
A survey of representative authors and works of American ethnic and minority literature with primary focus on Black, Hispanic, and Native Americans.
- Offered fall semester, odd years

ENG-L 381 Recent Writing (3 cr)
Selected writers of contemporary significance. May include groups and movements (such as black writers, poets of projective verse, new regionalists, para journalists, and other experimenters in pop literature, folk writers, and
distinctly ethnic writers); several recent novelists, poets, or critics; or any combination of groups.

- May be repeated once for credit
- Offered occasionally

**ENG-L 382 Fiction of the Non-Western World (3 cr)**

An in-depth study of selected narratives from the fiction of the non-western world. Focus and selections vary from year to year.

- May be repeated once for credit
- Offered spring semester, even years

**ENG-L 383 Studies in British or Commonwealth (3 cr)**

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

- Offered spring semester, odd years

**ENG-L 384 Studies in American Culture (3 cr)**

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 milieu.

- Offered fall semester, even years

**ENG-L 390 Children’s Literature (3 cr)**

Historical and modern children’s books and selections from books; designed to assist future teachers, parents, librarians, or others in selecting the best in children’s literature for each period of the child’s life.

- Offered fall semester, even years

**ENG-L 391 Young Adult Literature (3 cr)**

Study of books suitable for junior high and high school classroom use. Special stress on works of fiction dealing with contemporary problems, but also including modern classics, biography, science fi, and other areas of interest to teenage readers.

- Offered spring semester, even years

**ENG-L 392 Topics in Children’s Literature (3 cr)**

Studies in periods, such as contemporary American children’s literature or Victorian fantasies for children; or genres such as picture books or children’s poetry. Topics will vary from semester to semester.

- Offered occasionally

**ENG-L 394 Film as Literature (3 cr)**

The course approaches the analysis of films through the cinematic equivalent of the tools of literary criticism. It will introduce students to the elements of filmmaking and the methods of literary analysis as a way of reaching an understanding of how films mean.

- Offered occasionally

**ENG-L 395 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.

- Offered occasionally

**ENG-L 450 Seminar: British & American Authors (3 cr)**

Intensive study of a major author or school of closely related authors.

- Prerequisite: Junior or senior standing, English majors only
- Offered spring semesters

**ENG-L 503 Teaching of Literature in College (4 cr)**

Classroom teaching of literature in the light of current approaches.

**ENG-L 506 Intro to Methods of Criticism and Research (4 cr)**

The conditions and assumptions of studying English, with emphasis on criticism and research on a culturally and historically diverse range of texts.

- Offered spring semesters and online in summer

**ENG-L 553 Studies in Literature (4 cr)**


- With consent of instructor, may be repeated once for credit

**ENG-L 635 Readings in American Ethnic Literature and Culture (4 cr)**

In-depth or comparative study of African-American, Asian American, Latino/a, Chicano/a, Native American, and/or other American ethnic literature and culture.
ENG-L 646 Readings in Media, Literature, and Culture (4 cr)
Introductory study of issues in literary editing, textual culture, or digital humanities.

ENG-L 653 American Literature 1800-1900 (4 cr)
Intensive historical and critical study of all genres from Washington Irving through Frank Norris.

ENG-L 656 American Literature and Culture, 1945 to the Present (4 cr)
Studies in American literature and culture from 1945 to the present.

ENG-L 680 Special Topics in Literature (4 cr)
Readings in sociological, political, psychological, and other approaches to literature.

ENG-L 682 Topics in Children’s Literature (4 cr)
Studies in periods, such as contemporary American children’s literature or Victorian fantasies for children; or genres such as picture books or children’s poetry. Topics will vary from semester.
  • May be repeated with different topics, for a maximum of 9 credits
  • Offered occasionally

English Writing & Composition

ENG-W 130 Principles of Composition (3 cr)
Provides a semester of writing instruction needed before taking Elementary Composition I. Practice in writing papers for a variety of purposes and audiences. Attention to sentence and paragraph structure.
  • Grade of C or better required to take ENG-W 131
  • Offered fall, spring, and summer semesters
  • Prerequisites: Placement

ENG-W 131 Reading, Writing, and Inquiry I (3 cr)
ENG-W 131 teaches skills of critical reading, thinking, and writing to help students meaningfully engage artifacts, events, and issues in our world. The course builds students’ abilities to read written and cultural texts critically; to analyze those texts in ways that engage both students’ own experiences and the perspectives of others; and to write about those texts for a range of audiences and purposes as a means of participating in broader conversations. Assignments emphasize the analysis and synthesis of sources in making and developing claims.
  • Offered fall, spring, and summer semesters

ENG-W 206 Intro to Creative Writing (3 cr)
Provides students with the opportunity to develop their creative writing skills, and gives them a working knowledge of the basic principles of fiction, poetry, and drama.
  • Offered fall, spring, and occasional summer semesters
  • Prerequisites: ENG-W 131
  • Previously taught as ENG-W 203

ENG-W 230 Science Writing (3 cr)
Instruction in preparing scientific reports, proposals, visuals, and research projects with instruction in CBE documentation and style.
  • Offered spring semesters
  • Prerequisites: ENG-W 131

ENG-W 231 Professional Writing Skills (3 cr)
To develop research and writing skills requisite for most academic and professional activities. Emphasis on methods of research, organization, and writing techniques useful in preparing reviews, critical bibliographies, research and technical reports, proposals and papers.
  • Offered fall, spring, and summer semesters
  • Prerequisites: ENG-W 131 (with a grade of C or better)

ENG-W 270 Argumentative Writing (3 cr)
Offers instruction and practice in writing argumentative essays about complicated and controversial issues. The course focuses on strategies identifying issues, assessing claims, locating evidence, deciding on a position, and writing papers with clear assertions and convincing arguments.
  • Offered fall and spring semesters
  • Prerequisites: ENG-W 131 with a grade of C or better

ENG-W 290 Writing for Teachers (3 cr)
Studies 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.
  • Offered spring semester, occasional summers

ENG-W 301 Writing Fiction (3 cr)
Further exploration in the art of fiction writing.
  • May be repeated once for credit
  • Offered fall semester
• Prerequisite: ENG-W 131
• Corequisite: ENG-W 203

ENG-W 303 Writing Poetry (3 cr)

Further exploration in the art of poetry writing.
• May be repeated once for credit
• Offered in fall semesters
• Prerequisites: ENG-W 131
• Corequisite: ENG-W 203

ENG-W 311 Writing Creative Nonfiction (3 cr)

Course focuses on understanding and practicing the rhetorical and stylistic choices available to writers of creative nonfiction: options for structure, pacing, language, style, tone, detail, description, authorial presence and voice, etc.
• Offered fall semester
• Prerequisites: ENG-W 131, ENG-W 203

ENG-W 321 Advanced Technical Writing (3 cr)

Instruction in preparing technical reports, with an emphasis on the use of graphics.
• Offered spring semester, online
• Prerequisites: ENG-W 231

ENG-W 323 Digital Writing (3 cr)

Writing no longer means merely words on the printed page. Today writing means selecting among and scripting multiple media, including photographs, charts, video, images, audio, diagrams, hyperlinks, and more. Students learn how to layer and juxtapose media to create sophisticated messages. The course explores a wide range of interactive writing skills and formats, including blogs and writing for web pages.
• Offered fall semesters

ENG-W 324 Technical Editing (3 cr)

The course focuses on common methods of copy-marking documents; distinguishing between grammatical and stylistic emendations; methods of analyzing, critiquing and revising manuscripts; and techniques for creating successful writers/editors.
• Offered fall semesters

ENG-W 350 Advanced Composition (3 cr)

Close examination of the assumptions and choices that govern content and style, and practice in the techniques of producing a variety of researched papers incorporating primary and secondary research, appropriate to audience and purpose.
• Offered occasionally online

ENG-W 395 Individual Study of Writing (3 cr)

Topics vary by semester.
• Offered spring semester, odd semesters, online

ENG-W 400 Issues in Teaching Writing (3 cr)

Focuses on the content of rhetoric and composition, as well as considers fundamental theoretical and practical issues in the teaching of writing. Reviews rhetorical and compositional principles that influence writing instruction, textbook selection, and curriculum development.
• Offered occasionally online

ENG-W 401 Advanced Fiction Writing (3 cr)

Focused work in the art and profession of fiction writing.
• May be repeated once for credit
• Offered spring semester
• Prerequisite: ENG-W 301 or permission of instructor

ENG-W 403 Advanced Poetry Writing (3 cr)

Focused work in the art and profession of poetry writing.
• May be repeated once for credit
• Offered spring semester
• Cross-listed with ENG-W 303.
• Prerequisite: ENG-W 303 or permission of instructor.

ENG-W 405 Writing Prose Nonfiction (3 cr)

Variable topics relating to the production of non-fiction prose. Includes an intensive written project that may involve research as well as production of essays.
• May be repeated once for credit
• Offered spring semester
• Prerequisite: ENG-W 132 or 200-level writing course

ENG-W 411 Directed Writing (3 cr)

Individual critical or creative project worked out in collaboration with a member of the staff who agrees before registration to serve as a consultant.
• Offered on independent study basis. Must be requested.

ENG-W 500 Teaching Composition: Issues & 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.
Offered in summer session

**ENG-W 501 Practicum on Teaching Composition (4 cr)**

Practical teaching of composition; current research methodologies, theories and policies. May be offered as a practicum for new instructors of regular and basic sections of ENG-W 131 or as a practicum for those teaching the non-native sections.

- Offered fall semesters

**ENG-W 507 Graduate Creative Nonfiction Writing (4 cr)**

An advanced course in creative nonfiction prose. Seminar study of examples in the genre, including travel writing, reportage, portrait/self-portrait, memoir, and analytic meditation. Adaptation of creative writing technique for use in nonfiction. Workshop discussion of student work in progress. Class presentations on editing, publishing, and the nonfiction book proposal.

**ENG-W 508 Graduate Creative Writing for Teachers (4 cr)**

Offers current and future teachers insights into the creative writing process, teaches them to think as writers do, suggest strategies for critiquing creative work, and provide guidance in developing creative-writing curriculum. Emphasis on hands-on writing activities in three genres, adaptable for use with students at entry level.

**ENG-W 509 Introduction to Writing and Literacy Studies (4 cr)**

This is the core course in the writing and literacy track of the English master’s program. Students will read, analyze, discuss, and write about key issues in writing and literacy, laying a foundation for further study. Special emphasis will be placed on research methods in this field.

**ENG-W 511 Advanced Fiction Writing (4 cr)**

Study and practice in the writing of fiction. Analysis of examples from contemporary literature accompanies class criticism and discussion.

- Course may be taken twice for M.A. credit

**ENG-W 513 Writing Poetry (4 cr)**

Poetry writing workshop on the study of prosody and form (including formal elements of free verse) in the context of writing by class members.

- Course may be taken twice for M.A. credit

**ENG-W 590 Teaching Composition: Theories and Applications (4 cr)**

Current theories of composition and their pedagogical implications.

**ENG-W 600 Topics in Rhetoric and Composition (4 cr)**

Covers selected issues in current composition and rhetorical theory.

**ENG-W 609 Independent Writing Project (4 cr)**

Individual creative or critical projects negotiated with the professor who agrees to offer tutorial assistance.

**ENG-W 620 Advanced Argumentative Writing (4 cr)**

Examines techniques for analyzing and constructing arguments for different disciplines and professions, especially the use of proofs, evidence, and logic. Considers major issues of argument, such as the ethics of persuading audiences and the use of style. Student write several researched arguments on political, legal, scientific and academic issues.

- Offered fall semesters

**ENG-W 680 Craft of Writing (4 cr)**

Elements of poetic prosody and/or the major fictive techniques: nature of stress, concepts of meter, nature of rhythm, prosodic uses of syntax, theories of fictive realism, nature of fictive romance, point of view, etc. Students will do some writing.

**ENG-W 682 Sp. Topics: Rhetoric & Composition (4 cr)**

Intensive study of selected topics or issues in rhetoric and composition.

- Offered spring semester

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### Fine Art History & Appreciation

**FINA-A 101 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.

- Offered fall semesters
FINA-A 102 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.
- Offered spring and occasional summer semesters

FINA-A 200 Topics in Art History (3 cr)
Variable topics in art history.

FINA-A 342 20th Century Art (3 cr)
Survey of major artists, styles, and movements in painting and sculpture from 1900 to 2000 in Europe and the United States.
- Offered spring semester
- Prerequisites: FINA-A 102

FINA-A 390 Museum Studies I: Methods History, Issues (3 cr)
Introduction to basic workings of an art museum: the history of museums, collection management, cataloging of objects. The course works closely with staff from museums nearby.
- Joint-offered with ANTH-A 305 and HIST-T 325

FINA-H 100 Art Appreciation (3 cr)
A course designed to acquaint the student with outstanding works of art and to provide an approach to appreciation through knowledge of purpose, techniques, form, and content.
- Offered fall, spring, and summer semesters

**Fine Art Studio**

FINA-F 100 Fundamental Studio Drawing (3 cr)
Development of visual awareness and coordination of perceptual and manual skills; seeing, representing, and inventing on an experimental, exploratory level in two dimensions. Includes placement, scale, volume, light, formal articulation, and investigation of graphic tools and media.
- Offered fall, spring, and summer semesters

FINA-F 101 Fundamental Studio-3D (3 cr)
Volume, space, material, and physical force studies provide the basis for exploration of three-dimensional form; includes carving, construction, modeling, and casting using wood, plaster, Styrofoam, clay, etc.
- Offered fall and spring semesters

FINA-F 102 Fundamental Studio-2D (3 cr)
Color, shape, line, and value structures are studied as the basis for exploration of two-dimensional spatial relationships; including investigation of traditional and unconventional tools and media.
- Offered spring semester

FINA-N 198 Intro to Photography for Non-Majors (3 cr)
A contemporary introduction to fine art photography. Covers technical, aesthetic and historical issues of quality image making. Assigned projects demonstrate and develop conceptual and technical understanding of materials. Discussions provide hands-on technical assistance and help in editing and critiquing visual assignments. Requires a digital SLR camera or a digital camera with full manual controls.
- Offered fall, spring, and summer semesters

FINA-S 200 Drawing I (3 cr)
Preliminary course for advancement in drawing, stressing basic visual awareness; seeing, representing, and technical command on a two-dimensional surface. Problems in handling placement, scale, space, volume, light and formal articulation.
- Offered fall and spring semesters, as well as occasional summers

FINA-S 230 Painting I (3 cr)
Preliminary course for advancement in painting; exploring technical and visual aspects of color media. Emphasis on media command and structural problems in painting. Media: oil and acrylics.
- Offered spring semester

FINA-S 250 Graphic Design I (3 cr)
Drawing and perception in the history and practice of visual communication, including a basic introduction to the field and exercises with pencil, marker, computer, and other tools, to produce symbols, letter forms, and symbol-letter combinations.

FINA-S 260 Ceramics I (3 cr)
A limited introduction to hand building, throwing, glaze mixing, and glaze application, including a few lectures on basic ceramic techniques.
• Offered in fall and spring semesters, as well as occasionally in summer

FINA-S 270 Sculpture I (3 cr)

Foundation in basic technical and formal methods of traditional and contemporary sculpture. Use of tools and equipment for additive and subtractive techniques include: wood construction, steel fabrication, clay modeling, plaster mold making and cold casting, and assemblage. Emphasis placed on technical execution, conceptualization and creative problem solving.

• Offered in fall semesters, as well as occasionally in summer
• Can be taken once for credit

FINA-S 280 Metalsmithing & Jewelry Design I (3 cr)

Introductory course for exploring metalworking and jewelry design as a serious form of creative expression. Focuses on the basic techniques of metal forming and joining, wire forming, and forging, stretching of sheet metals and various metal finished techniques.

• Offered fall, spring and summer semesters

FINA-S 301 Drawing II (3 cr)

Intermediate course in drawing using the human model and other subjects. Emphasis placed on technical command of the media in conjunction with the development of a visual awareness. Addressed are continued problems in the articulation of space, scale, volume, value, and linear sensitivity.

• Offered in spring semesters, as well as occasionally in summer
• Can be taken once for credit
• Prerequisite: FINA-S 200 or FINA-F 100

FINA-S 331 Painting II (3 cr)

Intermediate course in painting from the model and other sources. Emphasis on technical command and understanding of the components of painting space, color, volume, value, and scale. Media: oil or acrylics.

• Offered in fall semester, as well as occasionally in summer.
• Can be taken once for credit
• Prerequisite: FINA-S 230

FINA-S 351 Typography I (3 cr)

Studies in visual communication with an emphasis on typography, including measurement and structure, detail and refinement, hierarchy and legibility, tools, and application to various media in digital and print formats. An introduction to type history, aesthetics and analysis are also considered.

FINA-S 361 Ceramics II (3 cr)

Continued practice in clay forming and glazing, with the emphasis on wheel throwing, surface decoration, and kiln firing techniques. Instruction through lectures, demonstrations, and critiques.

• Offered in fall and spring semesters, as well as occasionally in summer

FINA-S 371 Sculpture II (3 cr)

Development of skills in both traditional and contemporary sculpture methodology. Rotating semester topics include figurative sculpture, carving, casting, steel/wood construction, computer-aided machining and rapid prototyping, installation art, and public art. Emphasis on the exploration of ideas through the sculptural form and knowledge of materials and historical traditions.

• Offered occasionally

FINA-S 381 Metalsmithing & Jewelry Design II (3 cr)

Extensive drawing, designing, and model making for exploring forms and ideas in metal and mixed media, either as jewelry, hollow ware, flatware, boxes, or small-scale sculpture. Focuses on techniques of angle raising, repoussé and chasing, forging of flatware, stone setting, and lost-wax casting, jewelry mechanisms, hinge making, and patination of metals.

• May be repeated for a maximum of 6 credit hours
• Offered fall and spring semesters and occasionally summers

FINA-S 400 Independent Studio Projects (1-3 cr)

Individual studio projects under guidance of faculty or committee.

• Does not fulfill a specific course requirement for a fine arts major
• Departmental permission required

FINA-S 401 Drawing III (3 cr)

Advanced course in drawing.

• Continuation of FINA-S 301
• Offered in spring semesters, as well as occasionally in summer
• Repeatable up to 15 hours
• Prerequisite: FINA-S 301
FINA-S 431 Painting III (3 cr)
Advanced course in painting.
- Continuation of FINA-S 331
- Offered in fall and spring semesters
- Repeatable up to 15 hours
- Prerequisite: FINA-S 331

FINA-S 461 Ceramics III (3 cr)
Further practice in ceramic techniques. Lectures and critiques.
- Offered in fall and occasional spring semesters
- Repeatable up to 15 hours
- Prerequisite: 3 Credit hours in ceramics or consent of the Instructor

FINA-S 471 Sculpture III (3 cr)
Advanced work in sculpture for qualified students working in the chosen materials. The course focuses on the development of ideas as manifest in sculptural form.
- Offered occasionally
- Repeatable up to 15 hours
- Prerequisite: FINA-S 371

FINA-T 255 Art and Design (3 cr)
Introduction to formal elements of two-and three-dimensional design and how these apply to contemporary crafts. Aesthetic judgment and personal creativity emphasized.
- Required for elementary education majors
- FINA-T 255 does not count toward the Fine Arts major or the Humanistic/Artistic general education competency area
- Offered occasionally

FINA-U 401 Special Topics in Studio Art (1-3 cr)
Special topics in studio art not ordinary offered in other departmental courses.
- Offered occasionally in the summer
- Prerequisite: Any 200 or 300 level studio course

French Language & Cultures

FREN-F 150 Elementary French II: Language and Culture (4 cr)
Basic structures of the French Language and selected topics of French civilization and culture.
- Taught in French
- Pre-requisite: FREN-F 100 or equivalent
- Offered every spring semester and summer session II

FREN-F 200 Second-Year French I: Language & Culture (3 cr)
Grammar, composition, conversation coordinated with the study of cultural texts.
- Taught in French
- Offered every fall semester
- Prerequisite: FREN-F 150 or equivalent

FREN-F 250 Second-Year French II: Language & Culture (3 cr)
Grammar, composition, conversation coordinated with the study of cultural texts.
- Taught in French
- Offered every spring semester
- Prerequisite: FREN-F 200 or equivalent

FREN-F 311 Contemporary French Civilization (3 cr)
Political, social and cultural aspects of contemporary France. No credit in the concentration area for French majors.
- Taught in English
- Offered occasionally
- No prerequisite

FREN-F 312 Readings in French Literature in Translation (3 cr)
Representative readings emphasizing a particular author, genre, or topic in French literature. The subject may vary with each listing, and is identified in the Schedule of Classes.
- Taught in English
- Offered occasionally
- No prerequisite

FREN-F 371 Topics in French (3 cr)
Topics in French literature and culture will be explored from a variety of perspectives. May be repeated once for credit with different topic.
- Taught in English
• Offered occasionally
• No prerequisite

Geography

GEOG-G 110 Introduction to Human Geography (3 cr)
How do languages, religions, customs, and politics change from local to global scales? Learn how humans shape geographic patterns of migration, agriculture, industry, and urbanization.
• Offered every year

GEOG-G 237 Mapping our World (3 cr)
Mapping lets us visualize our world and see how patterns change across places. For example, we can analyze how a bike-share program changes commuting patterns, or how urban farming emerges in a transforming city. Students learn how to develop digital maps and interpret spatial processes while gaining valuable experience with GIS software.

GEOG-G 306 Current Issues in Globalization, Development and Justice (3 cr)
An examination of current problems concerning globalization, development and justice from a geographical perspective. The specific topic to be considered will vary from semester to semester.

German Language & Cultures

GER-G 100 Beginning German I (4 cr)
Introduction to present-day German and to selected aspects of the cultures of German-speaking countries. Introduction to German grammatical forms and their functions. Development of listening comprehension, simple speaking proficiency, controlled reading skills and simple written compositions. Active oral participation required.
• Taught in German
• No prerequisite
• Offered in fall and summer session I

GER-G 150 Beginning German II (4 cr)
Introduction to present-day German and to selected aspects of the cultures of German-speaking countries. Introduction to German grammatical forms and their functions. Development of listening comprehension, simple speaking proficiency, controlled reading skills and simple written compositions. Active oral participation required.
• Taught in German
• Pre-requisite: GER-G 100 or equivalent
• Offered spring and summer session II

GER-G 200 Intermediate German I (3 cr)
• Taught in German
• Pre-requisite: GER-G 150 or equivalent
• Offered occasionally

GER-G 250 Intermediate German II (3 cr)
Further development of oral and written command of language structures. Listening comprehension. Review of selected grammatical items. Discussion of modern German literary and non-literary texts, as well as films. Oral presentations. Writing of compositions based on the material covered. Emphasis on both speaking proficiency and structural awareness.
• Taught in German
• Pre-requisite: GER-G 200 or equivalent
• Offered occasionally

GER-G 370 German Cinema (3 cr)
Survey of the German cinema from the films of Expressionism and the Weimar Republic through the Nazi period to the present. Emphasis on film as a form of narrative art and on the social and historical conditions of German film production.
• Taught in English
• No prerequisite

History

HIST-A 235 History of American Empire (3 cr)
When did the United States become an empire? Did it inherit an imperial mindset from Britain? Would it be a different kind of empire, or an alternative to empire? This course explores the history of American political discourse about empire and the history of American foreign relations throughout the world.
HIST-A 300 Issues in United States History (3 cr)

Study and analysis of selected historical issues and problems of limited scope. Topics will vary, but usually cut across fields, regions, and periods.

- May be repeated with a different topic for a maximum of nine credit hours
- Offered occasionally

HIST-A 302 Revolutionary America (3 cr)

Political, economic, religious, social and cultural history of the American Revolution and the birth of the nation. Special topics cover the nature of the revolution, the experience and effects of the crisis on different members of society, including women, native peoples, and African-Americans, and the meanings of the American Revolution for contemporaries and their descendants.

- Requires HIST-H 105 or HIST-H 106 as prerequisite or corequisite

HIST-A 303 United States 1789-1865 I (3 cr)

Political, economic, and social growth of the young republic from 1789 through the War of 1812, with particular attention to the first American party system and the expansion of the frontier.

HIST-A 304 United States 1789-1865 II (3 cr)

A study of the rapid economic, social and political changes that the United States experienced in this period of disruptive growth.

HIST-A 315 The United States 1945-Present (3 cr)

Political, demographic, economic, and intellectual transformation. 1945-present: World War II, Cold War, problems of contemporary America.

HIST-A 342 United States Women’s History II (3 cr)

The social, economic, cultural, intellectual, political, and demographic history of women in the United States from the period before European settlement to the present. Topics include the variety in women’s experiences; the worlds in which women lived; the relationship between the private and public realms; and changes and continuities over time.

HIST-A 363 Survey of Indiana History (3 cr)

Indiana history and life, from early human interactions to our own time. Emphasis on the relationship of distinctive regional traits and challenges to broader transformations in American and global culture.

HIST-A 380 The Vietnam War (3 cr)

This is the story of America’s longest war - the battles, the protests, the movies, and the political controversies. The Vietnam War was an epic event, the climax of the cold war and the high water mark of American power. Students will learn about the experience of combatants on both sides, the reasoning behind American strategy, and the history of Vietnam’s struggle for independence. The course will also deal with the war’s legacies, its place in popular culture, the military’s search for technological alternatives for ground combat, and the war’s economic and political aftershocks.

- Requires HIST-H 105 or HIST-H 106 as prerequisite or corequisite
- Offered occasionally

HIST-B 244 The Viking Age (3 cr)

This course covers the major developments of the Viking Age such as expansion, colonization, exploration, and the establishment of Old Norse Kingdoms. In addition, it will examine how the Viking Age has been portrayed in the modern age, including film and other media.

- Offered even-numbered spring semesters

HIST-B 306 Modern European Race, Gender, and Identity (3 cr)

This course looks at how race and gender have impacted the development of modern European identity. Through extensive readings, a critical understanding of race and gender will be attained. The analysis of historical processes will show how race and gender have evolved, shaping the shifting identities of Europeans.

- Junior standing or consent of instructor
- Requires HIST-H 108 or HIST-H 109 as prerequisite or corequisite
- Offered occasionally

HIST-B 356 French Revolution and Napoleon (3 cr)

Crisis of the old regime; middle class and popular revolt; from constitutional monarchy to Jacobin commonwealth; the terror and revolutionary government; expansion of revolution in Europe rise and fall of Napoleonic empire.

- Junior standing or consent of instructor
• Requires HIST-H 108 or HIST-H 109 as prerequisite or corequisite
• Offered occasionally

HIST-B 408/508 European Nationalism and Identity (3 cr)

This course explores theoretical approaches to European nationalism and identity. In addition, it analyzes a number of case studies on European national identity, including myth, collective memory, class, race, and transnationalism.

• Junior standing or consent of instructor
• Requires HIST-H 108 or HIST-H 109 as prerequisite or corequisite
• Offered occasionally

HIST-B 418/518 Germany: Nation and Volk, 1800-Present (3 cr)

This course traces the evolution of German national identity from Napoleonic times to the present day. It analyzes how the Enlightenment, National Romanticism, Social Darwinism, racism, and the legacy of the Third Reich have shaped Germany’s self-image.

• Junior standing or consent of instructor
• Requires HIST-H 108 or HIST-H 109 as prerequisite or corequisite
• Offered occasionally

HIST-B 425 Origins and History of the Second World War (3 cr)

Beginning with its origins in the peace settlement of 1919, this course examines the social, cultural, and economic impact of the Second World War, as well as the war aims and strategies of the major combatants.

HIST-B 436/536 Making Modern Britain, 1780-1945 (3 cr)

This course explores the concept of becoming British and how the English, Irish, Scots, and Welsh have sought to fashion their own distinctive national identities against the backdrop of the British Empire. It addresses how cultural representation and collective memory have forged modern nations within the political structure of Britain.

• Junior standing or consent of instructor
• Requires HIST-H 108 or HIST-H 109 as prerequisite or corequisite
• Offered occasionally

HIST-B 444/544 The Scandinavian Model (3 cr)

This course explores Scandinavia from the beginning of the Viking Age to the present through a transnational perspective. By examining the historical forces that have shaped this region, the course will address the question of whether there is a Scandinavian Sonderweg, or a unique Scandinavian model in world history.

• Junior standing or consent of instructor
• Requires HIST-H 108 or HIST-H 109 as prerequisite or corequisite
• Offered occasionally

HIST-B 448 Scandinavia during the Viking Age (3 cr)

This upper-division course analyzes the major developments and key themes of Scandinavia during the Viking Age, 793-1066 C.E., including expansion and raiding, exploration, colonization, and the establishment of Old Norse kingdoms. A key component involves a roleplaying simulation in which students create a character from the Viking Age.

HIST-D 410 Russian Revolutions and the Soviet Regime (3 cr)

Russia on the eve of World War I; impact of World War I on Russian Society; the revolutions of 1917; civil war and allied intervention in Russia; New Economic Policy and Five-Year Plans; the Stalin and Post-Stalinist eras.

• Junior standing or consent of instructor
• Requires HIST-H 108 or HIST-H 109 as prerequisite or corequisite
• Offered occasionally

HIST-F 341 Latin America: Conquest and Empire (3 cr)

The colonial period: Spanish, Portuguese, Indian, and African backgrounds; discovery, conquest and settlement; economic, social, political religious, and cultural life; the movement toward independence.

• Junior standing or consent of instructor
• Requires HIST-H 108 or HIST-H 109 as prerequisite or corequisite
• Offered occasionally

HIST-H 105 American History I (3 cr)

Evolution of American society: political, economic, social structure; racial and ethnic groups; sex roles; inter-American and world diplomacy of United States; evolution of ideology, war, territorial expansion, industrialization, urbanization, international events, and their impact on American history. English Colonization through Civil War.

• Offered every semester, including summers
HIST-H 106 American History II (3 cr)

Evolution of American society: political, economic, social structure; racial and ethnic groups; sex roles; Native American, inter-American and world diplomacy of United States; evolution of ideology, war, territorial expansion, industrialization, urbanization, international events, and their impact on American history. 1865-present.

- Offered every semester, including summers

HIST-H 108 Perspectives on the World to 1800 (3 cr)

Survey of major global developments to the 18th century: European voyages of discovery, colonization of western hemisphere, penetration of Mughal India, Ming China, and sub-Saharan Africa. Role of revolutions, i.e. Scientific, industrial, social and political (American and French) in establishment of European hegemony in western hemisphere and Asia.

- Offered every semester including summers

HIST-H 109 Perspectives on the World since 1800 (3 cr)

Survey of major global developments from the 19th century to the present: European imperial rule in India, China, Japan, Middle-East, and Africa. Chinese revolution (1912), Mexican revolutions (1911), World War I and II, end of European hegemony. Emergence of new nations in Asia, Africa, and Middle-East. Global inter-dependence as basic theme of 20th century.

- Offered every semester, including summers

HIST-H 205 Ancient Civilization (3 cr)

From birth of civilization in Mesopotamia and Egypt until Constantine's conversion to Christianity (337 A.D.). The role of the city in the ancient world; nature of imperialism; and impact of Alexander the Great, Julius Caesar, and other charismatic leaders. Archaeology as a source for political and social history.

- Offered occasionally

HIST-H 206 Medieval Civilization (3 cr)

European institutions, 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.

- Offered occasionally

HIST-H 208 American-East Asian Relations (3 cr)

Describes and analyzes the mutual interaction of the American countries and the major countries of East Asia - China, Japan, Korea, and Vietnam - during the 19th and 20th centuries. Emphasis on cultural interrelations and changing images.

HIST-H 216 The “Wild West” and American Identity (3 cr)

This course examines conceptions of the “American West” and the complicated ways it informed the creation of a persistent American identity. From the Log Cabin political campaigns of the antebellum nineteenth century to modern simulations of the past like Disney’s Frontierland, the iconography of western expansion and its tentative connection to democratic individualism has enthralled and perplexed artists, writers, film makers, and historians for generations. Using historical monographs and popular culture artifacts like paintings, comics, films, short stories, and songs, we will interrogate and deconstruct “the American West” with an eye towards larger themes of place/process, environmental concern, multiethnic inclusion, exclusion, and United States government and capitalistic development. By the end of the course the students will be tasked to use the conventions of “the western,” and apply them to a historical event or individual, and create their own ‘western” narrative through the use of fumetti, or photographic comic-strips.

- Offered occasionally

HIST-H 217 The Nature of History (3 cr)

An introductory examination of (1) what history is (2) types of historical interpretation, (3) common problems of historians, and (4) the uses of history.

- Required for history majors and minors at IU East
- Offered every fall semester

HIST-H 219 Origins and History of the Second World War (3 cr)


- Offered occasionally
HIST-H 221 Studies in African, Asian, or Latin American History (3 cr)

Study and analysis of selected themes, topics, or problems in the history of Africa, Asia or Latin America. The course will emphasize general and/or broad themes or topics; the themes or topics will vary from one semester to another.

- May be repeated once for credit
- Offered occasionally

HIST-H 225 Special Topics in History (3 cr)

Study and analysis of selected historical issues and problems of general importance from the perspective of arts and humanities. Topics will vary from semester to semester but will usually be broad subjects which cut across fields, regions, and periods.

- May be repeated for credit
- Offered occasionally

HIST-H 232 The World in the Twentieth Century (3 cr)

Shaping of the contemporary world, with an emphasis on the reaction of non-Western peoples to Western imperialism.

- Offered spring semester, odd years

HIST-H 260 History of Women in the U.S. (3 cr)

How have women’s lives changed from the colonial period to the twentieth century? This introductory survey focuses on women’s historical roles in the workplace, the family, and politics. Material will be drawn from legal, constitutional, political, social, demographic, economic, and religious history.

- Offered occasionally

HIST-J 495 Proseminar in History (3 cr)

- Consent of the instructor
- Selected topics of history
- May be taken three times
- Offered spring semester

HIST-T 325 Topics in History (3 cr)

Study and analysis of selected historical issues and problems of limited scope from the perspective of arts and humanities. Topics will vary, but will ordinarily cut across fields, regions, and periods.

- May be repeated for credit
- Offered occasionally

HIST-H 496 Internship in History (1-6 cr)

Faculty-supervised experience in museum work, historic preservation, historical societies, oral history, or other history-related fieldwork in private and public institutions.

- S/F grading
- May be repeated for a maximum of 6 credit hours; only 3 credit hours may count toward the major
- Prerequisites: Junior standing and 12 credit hours of related course work; prior arrangement with individual faculty member

International Studies

INTL-I 202 Global Connections (3 cr)

Focuses on globalization as manifested in the shaping of intercultural communication, artistic expressions, collective identities and human rights discourses from comparative and international perspectives.

INTL-I 400 International Studies Capstone Seminar (3 cr)

This required seminar is designed for senior majors who have completed all of the International Studies degree requirements to consolidate their studies. Students complete a project that addresses an issue appropriate to their concentration.

Journalism

JOUR-J 110 Foundations of Journalism and Mass Communications (3 cr)

Survey of the institutions of journalism and mass communication, their philosophical foundations, history, processes, economic realities, and effects.

JOUR-J 210 Visual Communication (3 cr)

Theories of visual communications including human perception, psychology of color, and principles of design. Application of those theories to photography, video, and computer graphic design in news communication.

JOUR-J 219 Introduction to Public Relations (3 cr)

Provides an overview of public relations and introduces theory and practice of the field. Topics include the relationship between public relations and marketing, the history and development of public relations, measurement and assessment methods, ethics, and law.
JOUR-J 290 Internship in Journalism (1-3 cr)
You will produce campus student newspaper.
- May be repeated once for credit
- Offered as needed

Music Theory and Musicianship

MUS-T 101 Introduction to Music (3 cr)
An entry-level class for those interested in the basic workings of music. This class introduces the fundamentals of melody and harmony with basic concepts of music notation, ear training and keyboard skills.
- Open to all students.
- This course also serves as a prerequisite preparatory course for music majors and minors
- Offered spring semesters

MUS-T 113 Music Theory I (3 cr)
Study of the elements of basic musicianship: intervals, scales, triads, rhythm and meter, music nomenclature, rudiments of two-part writing and diatonic harmony.
- Intended for music students or highly motivated non-music majors
- Offered fall semester
- Prerequisite: MUS-T 101 or instructor permission

MUS-T 114 Music Theory II (3 cr)
Continuation of the study of harmony in context with four-part writing, diatonic harmony, secondary functions and modulation. Examination of musical forms and structures. Emphasis on musical analysis and compositional applications.
- Intended for music students or highly motivated non-music majors
- Offered spring semester
- Prerequisite: MUS-T 113 or instructor permission

MUS-T 115 Sight-Singing & Aural Perception I (1 cr)
Diatonic melody and harmony; aural skills, music sight-reading, keyboard skills.
- Music majors are advised to take this course concurrently with MUS-T 113
- Offered fall semester
- Prerequisite: MUS-T 101 or instructor permission

MUS-T 116 Sight-Singing & Aural Perception II (1 cr)
Aural skills, music sight-reading, and keyboard skills.
- Music majors are advised to take this course concurrently with MUS-T 114
- Offered spring semester
- Prerequisite: MUS-T 115 or instructor permission

MUS-T 213 Music Theory III (3 cr)
Historical survey of the elements, forms, and aesthetics of musical styles through written analysis, listening examples, and structured composition activities. Medieval through classical sonatas, including the entire harmonic vocabulary of the Common Practice Era.
- Intended for music students or highly motivated non-music majors
- Offered fall semester
- Prerequisite: MUS-T 114 or instructor permission

MUS-T 214 Music Theory IV (3 cr)
Historical survey of the elements, forms, and aesthetics of musical styles through written analysis, listening examples, and structured composition activities. Classical through 20th century.
- Intended for music majors or highly motivated non-music majors
- Offered spring semester
- Prerequisite: MUS-T 213 or instructor permission

MUS-T 215 Sight-Singing and Aural Perception III (1 cr)
Aural skills, music sight-reading, and keyboard skills.
- Music majors are advised to take this course concurrently with MUS-T 213
- Offered fall semester
- Prerequisite: MUS-T 116 or instructor permission

MUS-T 216 Sight-Singing & Aural Perception IV (1 cr)
Aural skills, music sight-reading, and keyboard skills.
- Music majors are advised to take this course concurrently with MUS-T 214
- Offered spring semester
- Prerequisite: MUS-T 215 or instructor permission
Music History

**MUS-M 174 Music for the Listener (3 cr)**
This course introduces ways of listening and understanding music of different styles and periods through a broad survey of representative music in history. This course explores Western music from its origins to the 19th Century.
- Open to all students
- Offered fall semester and some spring semesters
- Prerequisite: None

**MUS-M 175 Music for the Listener II (3 cr)**
Music of the 19th and 20th centuries.
- More intensive coverage than MUS-M 174
- Offered spring semester
- Prerequisite: None

**MUS-M 375 Survey of Ethnic and Popular Musics of the World (3 cr)**
Covers musics of other nations and native American musics for the general student.

**MUS-M 403 History of Music I (3 cr)**
Study of music from the beginning of western civilization to 1700. Analysis of representative compositions; relationship of music to the socio-cultural background of each epoch.
- Intended for music students or highly motivated non-music majors
- Offered in fall semester, even years

**MUS-M 404 History of Music II (3 cr)**
Study of music from 1750 to the 20th Century. Analysis of representative compositions; relationships of music to the socio-cultural background of each epoch.
- Continuation of MUS-M 403
- Intended for music students or highly motivated non-music majors
- Offered in spring semester, odd years

**MUS-M 430 Introduction to Contemporary Music (3 cr)**
A comprehensive study of the important music of the 20th Century, with an emphasis on works since 1945.
- Offered summer or fall semester
- Prerequisite: None

**MUS-Z 103 Special Topics: Popular Music (3 cr)**
A survey of popular music in the last-half of the 20th Century.
- Usually offered online
- Open to all students
- Offered fall and/or spring semester
- Prerequisite: None

**MUS-Z 103 Special Topics: History of Country Music (3 cr)**
A survey of the origins, styles and trends of American country music.
- Usually offered online
- Open to all students
- Offered fall and/or spring semester
- Prerequisite: None

**MUS-Z 201 History of Rock and Roll Music (3 cr)**
A survey of the major trends, styles, and genres of rock music from the earliest recordings to the present day, focusing on the work of the artist and groups who have proven to be of the most enduring significance.
- Offered fall, spring and summer semesters
- Prerequisite: None

**MUS-Z 315 Music for Film (3 cr)**
A stylistic and analytic survey of music for moving pictures, concentrating on American and English narrative films.

**MUS-Z 320 Advanced Special Topics in Music for Nonmajors (3 cr)**
Topics vary with instructor and semester.
- May be repeated once for credit if topic differs

**MUS-Z 393 History of Jazz (3 cr)**
A survey of the major Periods, major performers and composers, trends, influences, and stylistic features and related materials of jazz music.
- Offered fall semester
- Prerequisite: None

Music Ensembles

**MUS-X 40 Univ. Instrumental Ensembles (1-2 cr)**
University instrument ensemble.
- May be repeated for credit
MUS-X 70 University Choral Ensembles (3 cr)

IU East Chorale.
- Open to all students
- See the schedule of classes for currently offered groups and criteria
- May be repeated for credit

Music Performance

Applied lessons on the instruments listed below are regularly offered. Others may be available at student request. See the coordinator of music if you wish to study an instrument not currently listed, including upper level lessons for advanced students.

MUS-B 120 Trumpet Elect/Secondary (2 cr)

Private trumpet lessons.
- Offered fall and spring semesters
- Repeatable for credit for music majors
- Repeatable for up to 8 credits for non-music majors
- Prerequisite: None

MUS-B 130 Trombone Elect/Secondary (2 cr)

Private trombone lessons.
- Offered fall and spring semesters
- Repeatable for credit for music majors
- Repeatable for up to 8 credits for non-music majors
- Prerequisite: None

MUS-B 320 Trumpet and Cornet (3 cr)

Private trumpet lessons.
- Offered fall and spring semesters
- Repeatable for credit
- Prerequisite: Consent of instructor

MUS-B 330 Trombone (3 cr)

Private trombone lessons.
- Offered fall and spring semesters
- Repeatable for credit
- Prerequisite: None

MUS-B 340 Euphonium (3 cr)

Individual euphonium lessons.
- Offered fall and spring semesters.
- Repeatable for credit.
- Prerequisite: Consent of instructor

MUS-D 100 Percussion Elect/Secondary (2 cr)

Private percussion lessons.
- Offered fall and spring semesters
- Repeatable for credit for music majors
- Repeatable for up to 8 credits for non-music majors
- Prerequisite: None

MUS-D 300 Percussion Instruments (3 cr)

Private percussion lessons.
- Offered fall and spring semesters
- Repeatable for credit
- Prerequisite: Consent of instructor

MUS-L 101 Beginning Guitar Class (2 cr)

Classical guitar instruction in a class situation for non-music majors.
- Offered fall and spring semesters
- May be repeatable for credit
- Prerequisite: None

MUS-L 200 Guitar (2 cr)

Private guitar lessons at the secondary level.
- Offered fall and spring semesters
- Repeatable for credit for music majors
- Repeatable for up to 8 credits for non-music majors
- Prerequisite: Consent of instructor

MUS-L 300 Guitar Concentration (3 cr)

Applied Music: Classical guitar (studio) at the concentration level.
- Offered fall and spring semesters
- Repeatable for credit
- Prerequisite: Consent of instructor

MUS-P 100 Piano Elect/Secondary (2 cr)

Individual piano lessons at the secondary level.
- Offered fall and spring semesters
- Repeatable for credit for music majors
- Repeatable for up to 8 credits for non-music majors
- Prerequisite: MUS-P 110 or consent of instructor

MUS-P 110 Beginning Piano Class (2 cr)

Class piano for beginning piano students. For those with little or no previous formal instruction on the piano.
- Offered fall and spring semesters.
- May be repeated for credit.
MUS-P 300 Piano (3 cr)
Individual piano lessons.
- Offered fall and spring semesters.
- Repeatable for credit.
- Prerequisite: Consent of instructor.

MUS-S 110 Violin Elective (2 cr)
Individual violin lessons.
- Offered fall and spring semesters.
- Repeatable for credit for music majors.
- Repeatable for up to 8 credits for non-music majors.
- Prerequisite: None

MUS-V 100 Voice Elect/Secondary (2 cr)
Individual voice lessons.
- Offered fall and spring semesters.
- Repeatable for credit for music majors.
- Repeatable for up to 8 credits for non-music majors.
- Prerequisite: None

MUS-V 300 Voice (3 cr)
Individual voice lessons at the concentration level.
- Offered fall and spring semesters.
- Repeatable for credit.
- Prerequisite: Consent of instructor.

MUS-W 110 Flute/Piccolo Elect/Secondary (2 cr)
Individual flute/piccolo lessons.
- Offered fall and spring semesters.
- Repeatable for credit for music majors.
- Repeatable for up to 8 credits for non-music majors.
- Prerequisite: None

MUS-W 130 Clarinet Elect/Secondary (2 cr)
Individual clarinet lessons.
- Offered fall and spring semesters.
- Repeatable for credit for music majors.
- Repeatable for up to 8 credits for non-music majors.
- Prerequisite: None

MUS-W 150 Saxophone Elect/Secondary (2 cr)
Individual saxophone lessons.
- Offered fall and spring semesters.
- Repeatable for credit for music majors.
- Repeatable for up to 8 credits for non-music majors.
- Prerequisite: None

MUS-W 350 Saxophone (3 cr)
Applied lessons are based in performance skills. Lessons are specially developed to meet the needs and goals of each individual student. Skills developed may include technical facility, music literacy, sight reading, improvisation and musicianship.
- Pre-requisites: MUS-W 150 or consent of instructor

MUS-X 95 Performance Class (0 cr)
Performance laboratory.
- Offered fall and spring semesters.
- Prerequisite: taken concurrently with applied lessons.

MUS-I 420 Music Concentration Capstone (3 cr)
Senior project for students completing the BA in Humanities with a Music Concentration.

Music Composition

MUS-K 110 Composition, Elective Level (2 cr)
Studio composition for non-music majors. Intended to teach ability to organize materials into coherent musical structure.
- Content dependent on student's experience.
- Offered occasionally.

MUS-K 300 Composition concentration (3 cr)
Individually prescribed lessons in composition.
- Offered occasionally.

MUS-K 361 Introduction to MIDI and Computer Music (3 cr)
- Modest working knowledge of personal computers.
- The course is intended for those with little prior technical training.
- Offered occasionally.
**Philosophy**

**PHIL-P 100 Introduction to Philosophy (3 cr)**
Perennial problems of philosophy, including problems in ethics, in epistemology and metaphysics, in philosophy of religion.
- Major emphases appear in the Schedule of Classes.
- Offered every fall semester.

**PHIL-P 105 Critical Thinking (3 cr)**
We spend a good part of our waking hours thinking and/or critiquing the thoughts and beliefs of ourselves and others. This course is designed to help you develop a toolbox of techniques and skills that will help you become a skilled evaluator and creator of arguments.
- Offered every spring semester.

**PHIL-P 120 Ethics (3 cr)**
An introductory course in ethics. Typically examines virtues, vices, and character; theories of right and wrong; visions of the good life; and contemporary moral issues.
- Offered fall, spring, summer, online and classroom.

**PHIL-P 140 Introduction to Ethics (3 cr)**
Philosophers’ answers to ethical problems (e.g., nature of good and evil, relation of duty to self-interest, objectivity of moral judgments) and the applications of ethical theory to contemporary problems.
- Offered fall and spring semesters.

**PHIL-P 150 Elementary Logic (3 cr)**
- Cross-listed with PHIL-P 105 Critical Thinking.

**PHIL-P 200 Problems of Philosophy (3 cr)**
Selected writings of modern philosophers concerning some of the most important philosophical problems.
- Offered occasionally.

**PHIL-P 282 Women in Philosophical Thought (3 cr)**
A study of the classical and contemporary sources which influence and illustrate differing concepts of woman. The aim is for each student to clarify and assess the various concepts so as to better formulate and justify his or her own concept of woman.
- Offered occasionally.

**PHIL-P 371 Philosophy of Religion (3 cr)**
Topics such as the nature of religion, of religious experience, the status of claims of religious knowledge, the nature of existence of God.
- Offered occasionally.

**PHIL-P 393 Biomedical Ethics (3 cr)**
A philosophical consideration of ethical problems that arise in current biomedical practice, e.g., with regard to abortion, euthanasia, determination of death, consent to treatment, and professional responsibilities in connection with research, experimentation, and health care delivery.
- Offered even-numbered spring semesters.

**PHIL-P 490 Readings in Philosophy (3 cr)**
Intensive study of selected authors, topics, and problems.

**PHIL-P 497 Internship in Philosophy (1-3 Cr)**
Designed to provide academic credit for paper or other project done for supervisor of the intern in a given semester. The student will also be assisting in some course(s) in this department.
- Does not count towards the major in Philosophy.
- Offered on request.

**Political Science**

**POLS-Y 103 Introduction to American Politics (3 cr)**
Introduction to the nature of government and dynamics of American politics. Origin and nature of the American federal and state systems and their political party base.
- Offered fall, spring, and summer semesters and online.

**POLS-Y 105 Introduction to Political Theory (3 cr)**
History of political philosophy, including relationships between rules and ruled, nature of authority, social conflict, character of political knowledge, and objectives of political action.
- Offered summer and fall semesters and online.

**POLS-Y 107 Introduction to Comparative Politics (3 cr)**
Examines countries around the world to investigate fundamental questions about politics. Topics include democratic development, promotion of economic
prosperity, maintenance of security, and management of ethnic and religious conflict. Critical thinking skills encouraged. Cases for comparison include advanced industrialized democracies, communist and former communist countries, and developing countries.

- Offered every other spring and summer semesters and online.

**POLS-Y 109 Introduction to International Relations (3 cr)**

Introduction to the study of international relations. Topics include causes of war and peace, patterns of conflict and cooperation, as well as international organizations, political economy, law and policy.

- Offered every other spring semester and online.

**POLS-Y 200 Contemporary Political Topics (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.

**POLS-Y 205 Analyzing Politics (3 cr)**

Introduces the approaches and techniques used to study politics. Includes an introduction to social science language, concepts, and critical research skills. Overview of political science research approaches, including case study, surveys, and model-building. Emphasizes skills such as interpreting the presentation of data in charts, graphs, and tables, and elementary analysis of qualitative and quantitative data.

- Offered fall semesters and online.

**POLS-Y 211 Introduction to Law (3 cr)**

An introduction to law an aspect of government and politics, and as a means of dealing with major social problems. Students will study legal reasoning, procedures, and materials, and may compare other nation’s legal systems. The course usually includes a moot court or other forms of simulation.

**POLS-Y 212 Making Democracy Work (3 cr)**

Nature and justifications for democratic politics and the problems confronting democracy today. Demise of liberalism in America; rise of identity politics and its significance; racial inequality and the problems of deliberative democracy; problems of political alienation and participation.

- Offered spring semesters and online.

**POLS-Y 235 Introduction to Public Management (3 cr)**

The management process in public organizations. Focus is especially on external influences on public managers, the effects of the intergovernmental environment and problems of management in a democratic, limited government system.

**POLS-Y 303 Policy Making in the United States (3 cr)**

Processes and institutions involved in the formation of public policy in American society.

- Offered occasionally and online.

**POLS-Y 304 Constitutional Law (3 cr)**

American political powers and structures; selected Supreme Court decisions interpreting American constitutional system.

- Offered fall semesters and online.

**POLS-Y 305 Constitutional Rights and Liberties (3 cr)**

Extent and limits of constitutional rights; selected Supreme Court decisions interpreting American constitutional system.

- Offered spring semesters and online.
- Suggested prerequisite: POLS-Y 304

**POLS-Y 306 State Politics in the United States (3 cr)**

Comparative study of politics in the American states. Special emphasis on the impact of political culture, party systems, legislatures, and bureaucracies on public policies.

- Offered every other fall semester.

**POLS-Y 308 Urban Politics (3 cr)**

Political behavior in modern American communities; emphasizing the impact of municipal organization, city officials and bureaucracies, social and economic notables, political parties, interest groups, the general public, and protest organizations on urban policy outcomes.

- Offered occasionally.
POLS-Y 309 American Politics through Film and Fiction (3 cr)

Recurrent themes of politics are explored in depth by means of novels, short stories, and films.

- Offered every other summer.

POLS-Y 316 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; and the impact of public opinion on political systems.

- Offered every other spring semester

POLS-Y 318 The American Presidency (3 cr)

Examines the role of the president in American politics. Topics include the multiple roles of the president, the growth of presidential power, and presidential policy-making. Also covers the relationship between the president and Congress and the Supreme Court, as well as a discussion of the American presidential system in comparison to other executive structures.

- Offered every other fall semester and online.

POLS-Y 319 The United States Congress (3 cr)

This course offers students the opportunity to study the legislative branch of American national government. It includes the structure and process of the Senate and House of Representatives, the roles of parties, interest groups, and lobbyists, the legislative process, and the relations of Congress with the other branches of government.

- Offered every other spring semester and online.

POLS-Y 320 Judicial Politics (3 cr)

This course studies the American judicial system, and will study the foundations of law and the many assumptions behind conceptions of the judicial authority. It will delve into federal and state court organization, the selection of judges and the role of other players in the legal system. It will also cover civil and criminal trial procedure as well as the various factors that influence judges’ decision-making. Students should come away with a better understanding of how our court system operates and the philosophy underlying specific legal practices.

- Offered occasionally.

POLS-Y 324 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). Topics vary semester to semester.

- Offered every other spring semester and online.

POLS-Y 325 African-American Politics (3 cr)

Examines the black political condition, with special emphasis on political thought and behavior. The course analyzes not only how the political system affects blacks, but also the impact blacks have on it. Themes for this course may vary.

- Offered occasionally.

POLS-Y 333 Chinese Politics (3 cr)

Explores contemporary politics and policy issues in the People’s Republic of China. Influence of revolutionary practice and ideology; analysis of contemporary economic, political and social organizations; examination of policy issues including social reforms, economic growth, and democratization and globalization.

POLS-Y 338 African Politics (3 cr)

Explores politics in Sub-Saharan Africa. Examines relevance of “traditional” political systems; impact on colonialism; building new nations and states; authoritarian regimes; process of democratization; management development; role of international actors, including the United States, Unites Nations, World Bank, and non-governmental organizations; and globalization.

- Offered occasionally.

POLS-Y 340 East European Politics (3 cr)

Compares political change in the East European states, and emphasizes the legacies of authoritarianism and communism and the post-communist transition to democracy. Topics include the building of political institutions, the inclusion of citizens into the polity, the reform of the economy, the management of ethnic and social conflicts, and integration into the European Union.

POLS-Y 345 Comparative Revolutions (3 cr)

Analysis of modern revolutions. Focus on the social, economic, and political causes or revolutions; the rise of revolutionary movements; and the strategies for gaining and consolidating power.

- Offered every other fall semester.
POL-Y 346 Politics in the Developing World (3 cr)

Focuses on politics in the developing world (Africa, Asia, Latin America, and the Middle East). Comparison of political history: experiences of colonialism and post-colonial authoritarian systems; political economy, development and globalization; democratization and management of protest and conflict; and interactions with international actors and transnational social movements.

- Offered occasionally.

POL-Y 377 Globalization (3 cr)

This course is designed to introduce you to globalization. Amongst other topics, it examines the cultural, economic, environmental, political, security and technological dimensions of globalization. No prior knowledge is assumed.

POL-Y 380 Selected Topics in Democratic Government (3 cr)

An examination of basic problems and issues in the theory and practice of democratic government. Specific topics vary by semester. May be repeated once for credit.

- Offered occasionally.

POL-Y 381 Classical Political Thought (3 cr)

An exposition and critical analysis of the major political philosophers and philosophical schools from Plato to Machiavelli.

- Offered occasionally.

POL-Y 382 Modern Political Thought (3 cr)

An exposition and critical analysis of the major philosophers and philosophical schools from Machiavelli to present.

- Offered occasionally.

POL-Y 384 Developments in American Political Thought (3 cr)

Explores the evolution of American political ideas under the Constitution of the United States, and its promises and problems.

- Offered every other spring semester.

POL-Y 358 Human Behavior and Public Organizations (3 cr)

Increase self-awareness regarding the importance of human and organization behavior in public agencies.

POL-Y 379 Ethics and Public Policy (3 cr)

This course examines the ethical responsibilities of public officials in democratic societies. It explores such topics as the meaning of moral leadership, the appeal to personal conscious in public decision making, and the problem of "dirty hands" among others. A special concern is how institutional arrangements affect moral choices.

POL-Y 394 Public Policy Analysis (3 cr)

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.

POL-Y 396 Law and Public Affairs (3 cr)

The origins, process, and impact of law in the making and implementation of public policy. Provide students with the substantive concepts necessary to understand the judicial system and law.

POL-Y 481 Field Experience in Political Science (Variable)

Faculty-directed study of aspects of the political process based on field experience. Directed readings, field research, research papers. Certain internship experiences may require research skills.

- Requires instructor permission.
- Offered as needed.

POL-Y 490 Senior Seminar (3 cr)

Research paper required. Seminar sessions arranged to present papers for evaluation and criticism by fellow students.

- Subject matter varies by semester.
- Requires instructor permission.
- Offered as needed.

POL-Y 525 Public Administration Ethics (4 cr)

This course will analyze the ethical considerations and dilemmas public managers are confronted with and will provide a theoretical and practical basis for resolution of ethical issues that arise.

POL-Y 526 Public Strategic Planning (4 cr)

This course analyzes the various theoretical and practical methodologies for strategic planning for managers in the public sector.
POLS-Y 527 Public Organizational Theory and Bureaucratic Structure (4 cr)
This course will develop the major views of organizations that comprehend much of the existing theory and research as applied to public organizations.

POLS-Y 528 Public Policy Analysis (4 cr)
This course covers public policy analysis, including policy proposal, creation, and evaluation.

POLS-Y 501 Fundamentals of Public Management (4 cr)
The theory and practice of managing public organizations. Problems of planning, organization, staffing, directing, coordination and reporting are considered.

POLS-Y 503 Statistics for Public Management (4 cr)
The fundamental logic of statistical inference, from description through to regression analysis.

POLS-Y 505 Personnel Management in Public Organizations (4 cr)
Analysis of public personnel systems.

POLS-Y 513 Public Policy (4 cr)
The dynamics of public policy, with an emphasis on actors, stages, analytical challenges, politics, and reconciling often contradictory goals.

POLS-Y 520 Leadership and Managerial Decision-Making in Organizations (4 cr)
This course analyses models for decision-making among managers to promote effective leadership in organizations. Various theories of bureaucratic decision-making will be highlighted.

POLS-Y 522 Public Budgeting and Finance (4 cr)
This course gives students a solid grounding in the concepts, terminology and techniques in the art and science of public sector budgeting and financial administration at the federal, state, and local levels. Students use real world examples to analyze various approaches to public budgeting and revenue planning, evaluate and problem solve fiscal activities in governmental units, and gain "hands-on" budget preparation and presentation experience.

POLS-Y 615 Capstone in Public Affairs (4 cr)
Application of program courses specifically to program evaluation, and more generally to thinking about the responsibilities of the public manager in contemporary society.

Psychology

BSS-B 490 Senior Seminar (3 cr)
Designed to bring together an interplay of ideas gained through the behavioral and social sciences. Students will debate and discuss the different perspectives and approaches of the behavioral and social sciences to current issues and problems.

PSY-B 309 Cooperative Work Experience in Psychology (1-3 cr)
Experience in psychology-oriented work settings.
- Grade is determined on the basis of a written report and a supervisor’s evaluation.
- May be repeated for a maximum of 9 credit hours.
- Offered on student request.
- Faculty approval required for registration.
- Prerequisites: 9 hours of completed psychology coursework, consent of instructor and workplace supervisor, and Junior or Senior standing.

PSY-B 354 Adult Development and Aging (3 cr)
This is a survey course and serves as a general introduction to the area of aging. The course content examines changes which occur with age in the following areas: intelligence, memory, personality, sexuality, health, living environments, economics, developmental disorders, and treatment for developmental disorders.
- Offered on-line every other year.
- Prerequisites: PSY-P 103, and PSY-P 216 or equivalent, or consent of instructor.

PSY-B 366 Concepts and Applications in Organizational Psychology (3 cr)
Some organization psychology topics introduced in the Industrial/Organizational psychology survey course are covered in more depth. Advanced information is presented for each topic, and students have the opportunity for several different hands on applications including case project and computer exercises. Example topics are organizational culture, employee attitudes, motivation, and leadership.
- Offered online fall semesters.
PSY-P 103 General Psychology (3 cr)

Introduction to psychology: its methods, data, and theoretical interpretations in areas of learning, sensory psychology, psychophysiology, individual differences, personality, development, abnormal and social psychology.

- Offered online and on campus, fall, spring and summer semesters.
- Prerequisites: None

PSY-P 199 Career Planning for Psychology Majors

Where do you want to be 10 years from now? How can you get there? Information for undergraduate majors to help them intelligently organize their undergraduate studies. Information about what psychologists do, professional and practical issues in career choice, course selection, intern/research experience, and planning a course of study.

PSY-P 206 Psychology of Everyday Life (3 cr)

This is an introduction to the basic psychological principles and techniques of enhancing relationships with self and others. Emphasis is given to understanding self-limiting behavior, self-understanding, skill development, and knowledge in the dynamics of interactions with others.

PSY-P 211 Methods of Experimental Psychology (3 cr)

Design and execution of simple experiments, treatment of results, search of the literature, and preparation of experimental reports. This course should be completed before enrolling in upper level (300-400) psychology courses.

- Offered online and on campus fall and spring semesters.
- Prerequisites: PSY-P 103 General Psychology or equivalent consent of instructor

PSY-P 216 Life Span Development (3 cr)

A survey course which integrates the basic concepts of physical, cognitive and psychosocial development from the prenatal period to death. Theories, research and critical issues in developmental psychology arising throughout the life span are explored with consideration of practical implications.

- Offered on campus and online fall and spring semesters.
- Prerequisites: PSY-P 103 General Psychology or equivalent consent of instructor

PSY-P 319 Psychology of Personality (3 cr)

Methods and results of scientific study of personality. Basic concepts of personality traits and their measurements; developmental influences; problems of integration.

- Offered online and on campus fall semesters.
- Prerequisites: PSY-P 103 General Psychology and PSY-P 211 Methods of Experimental Psychology or equivalent.
- Junior or Senior class standing or consent of instructor.
PSY-P 320 Social Psychology (3 cr)

Principles of scientific psychology applied to individual in social situations.

- Offered on campus spring semesters.
- Prerequisites: PSY-P 103 General Psychology and PSY-P 211 Methods of Experimental Psychology or equivalent.
- Junior or Senior class standing or consent of instructor.

PSY-P 324 Abnormal Psychology (3 cr)

A first course in abnormal psychology with emphasis on forms of abnormal behavior, etiology, development, interpretation, and final manifestations.

- Offered online and on campus spring semesters.
- Prerequisites: PSY-P 103 General Psychology and PSY-P 211 Methods of Experimental Psychology or equivalent.
- Junior or Senior class standing or consent of instructor.

PSY-P 325 Psychology of Learning (3 cr)

Facts and principles of human and animal learning especially as treated in theories attempting to provide framework for understanding what learning is and how it takes place.

- Offered on campus fall semesters, odd years.
- Prerequisites: PSY-P 103 General Psychology and PSY-P 211 Methods of Experimental Psychology or equivalent.
- Junior or Senior class standing or consent of instructor.

PSY-P 326 Behavioral Neuroscience (3 cr)

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.

- Offered online and on campus spring semesters.
- Prerequisites: PSY-P 103 General Psychology and PSY-P 211 Methods of Experimental Psychology or equivalent.
- Completion of a Biology course. Junior or Senior class standing or consent of instructor.

PSY-P 328 Evolutionary Psychology (3 cr)

This course considers the bigger picture of human existence by looking at ways that past adaptations to our environment have helped to create our complex behavioral repertoire. From an evolutionary perspective, topics include human ancestry, mate choice, kin selection, cooperative behavior, aggressive behavior, status hierarchies, and art. The human animal’s relation to other species will be emphasized.

- Offered online and on campus fall semesters, even years.
- Offered online summer I terms, odd years.
- Prerequisites: PSY-P 103 General Psychology and PSY-P 211 Methods of Experimental Psychology or equivalent.
- Junior or Senior class standing or consent of instructor.

PSY-P 329 Sensation and Perception (3 cr)

Basic data, theories, psychophysics, illusions, and other topics fundamental to understanding sensory and perceptual processes.

- Offered online and on campus spring semesters.
- Prerequisites: PSY-P 103 General Psychology and PSY-P 211 Methods of Experimental Psychology or equivalent.
- Junior or Senior class standing or consent of instructor.

PSY-P 335 Cognitive Psychology (3 cr)

Introduction to human cognitive processes including attention and perception, memory, psycholinguistics, problem-solving, and thinking.

- Offered online fall semesters, odd years.
- Prerequisites: PSY-P 103 General Psychology and PSY-P 211 Methods of Experimental Psychology or equivalent.
- Junior or Senior class standing or consent of instructor.

PSY-P 336 Psychological Tests and Individual Differences (3 cr)

Principles of psychological testing. Representative tests and their uses for evaluation and prediction. Emphasis on concepts of reliability, validity, standardization, norms, and item analysis.

- Offered occasionally.
- Prerequisites: PSY-P 103 General Psychology and PSY-P 211 Methods of Experimental Psychology and PSY K300 Statistical Techniques or equivalent.
- Junior or Senior class standing or consent of instructor.
PSY-P 390 Special Topics in Psychology (1-3 cr)

Topics vary with instructor and semester. May be repeated once for credit if topic differs.

- Offered as needed.
- Prerequisites: PSY-P103 General Psychology or equivalent or consent of instructor.
- Junior or Senior standing or consent of instructor.

PSY-P 425 Behavior Disorders of Childhood and Adolescence (3 cr)

A survey of major behavior disorders, with emphasis on empirical research and clinical description relative to etiology, assessment, prognosis and treatment.

- Offered occasionally, on campus.
- Prerequisites: PSY-P 103 General Psychology and PSY-P 211 Methods of Experimental Psychology or equivalent.
- Junior or Senior class standing or consent of instructor.

PSY-P 450 Human Factors (3 cr)

Theories and data of experimental psychology applied to the problems of the interaction of people and technology.

- Offered occasionally, online.
- Prerequisites: PSY-P 103 General Psychology and PSY-P 211 Methods of Experimental Psychology or equivalent.
- Junior or Senior class standing or consent of instructor.

PSY-P 457 Topics in Psychology (1-3 cr)

Studies in special topics not ordinarily covered in other departmental courses.

- Topics vary with instructor and semester.
- May be repeated once for credit if topic differs.
- Offered as needed.
- Prerequisites: PSY-P 103 General Psychology
- Recommended prerequisite: PSY-P 211 Methods of Experimental Psychology or equivalent.
- Junior or Senior class standing or consent of instructor.

PSY-P 493 Supervised Research I (2-3 cr)

Active participation in research. An independent experiment of modest magnitude, participation in ongoing research in a single laboratory.

- Offered fall semesters.
- Prerequisites: PSY-P 103 General Psychology or equivalent, PSY-P 211 Methods of Experimental Psychology or equivalent and PSY-K300 or equivalent.
- Junior or Senior class standing or consent of instructor.

PSY-P 494 Supervised Research II (2-3 cr)

A continuation of PSY-P 493. Course will include a journal report of the 2 semesters of work.

- Offered spring semesters.
- Prerequisites: PSY-P 493. Consent of instructor and Junior or Senior standing.

PSY-P 495 Reading & Research in Psychology (1-3 cr)

Completion of a student initiated research project from proposal and data collection to final report and presentation.

- Offered on student request. See Psychology faculty before registering.
- Prerequisites: PSY-P 103 General Psychology or equivalent and PSY-P 211 Methods of Experimental Psychology or equivalent.
- Consent of instructor and Junior or Senior standing.
- PSY-P 493 and PSY-P 494 recommended.

Religious Studies

REL-R 110 Biblical Narratives in Western Culture (3cr)

A study of several major biblical stories, plus an examination of the ways in which these stories live on as they have triggered the modern imagination of artists, writers, and composers.

- Offered occasionally.
REL-R 152 Jews, Christians, Muslims (3 cr)
Patterns of religious life and thought in the West; continuities, changes, and contemporary issues.
- Offered occasionally.

REL-R 160 Introduction to Religion in America (3 cr)
Introduction to religious traditions and practices that influenced American history and culture.
- Offered fall semesters.

REL-R 170 Religion, Ethics & 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.
- Offered occasionally.

REL-R 180 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.
- Offered occasionally.

REL-R 210 Intro Old Testament/Hebrew Bible (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.
- Offered occasionally.

REL-R 220 Intro to New Testament (3 cr)
Origins of the Christian movement and development of its beliefs, practices, and institutions in the first century. Primary source is the New Testament with due attention to non-Christian sources from the same environment.
- Offered occasionally.

Sociology

SOC-S 100 Introduction to Sociology (3 cr)
Introduction to the concepts and methods of sociology with an emphasis on the understanding of contemporary American society.
- Offered every semester.

SOC-S 215 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; reform and revolution.
- Generally offered every other fall semester.
- Prerequisite: SOC-S 100 or consent of instructor.

SOC-S 217 Social Inequity (3 cr)
Why are income, wealth, and status distributed unequally? Is social inequality good for society? Explores the economic basis of social class; education and culture; social mobility; social inequality in comparative and historical perspective.
- Offered spring semester.
- Prerequisite: SOC-S 100 or consent of instructor.

SOC-S 230 Society and the Individual (3 cr)
An introduction to the concepts, perspectives, and theories of social psychology from the level of the individual to collective behavior.
- Generally offered spring semester.
- Prerequisite: SOC-S 100 or consent of instructor

SOC-S 254 Qualitative Field Research (3 cr)
Covers the most salient aspects of field research, including taking field notes and coding, engaging in participant observation, taking on a variety of research roles, creating topical guides and conducting in-depth interviews, and writing a publishable-quality research paper. Students must find a suitable setting in which to conduct their semester-long research project.
- Generally offered fall semester.

SOC-S 308 Global Society (3 cr)
Multinational corporations, new information technologies, and international trade have made the world increasingly interdependent. This course considers how business, technology, disease, war, and other phenomena must be seen in global context as affecting national sovereignty, economic development and inequality in resources and power between countries.
- Generally offered every other fall semester
- Prerequisite: SOC-S 100 or consent of instructor

SOC-S 313 Religion and Society (3 cr)
Considers the functions and dysfunctions of religion generally, its economic and cultural patterns, religious group evolutions (cults, churches, sects, denominations), leadership deviance, and conversion/faith maintenance.
• Offered occasionally.
• Prerequisite: SOC-S 100 or consent of instructor

**SOC-S 315 Work and Occupations (3 cr)**

Treats work roles within such organizations as factory, office, school, government, and welfare agencies; career and occupational mobility in work life; formal and informal organizations within work organizations; labor and management conflict and cooperation; problems of modern industrial workers.

• Offered occasionally.
• Prerequisite: SOC-S 100 or consent of instructor

**SOC-S 316 The Family (3 cr)**

Cross-cultural perspectives on family systems; 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. Emphasis on development of systematic theory.

• Offered occasionally.
• Prerequisite: SOC-S 100 or consent of instructor

**SOC-S 320 Deviant Behavior and Social Control (3 cr)**

Analysis of deviance in relation to formal and informal social processes. Emphasis on deviance and conformity as functions of social reactions, rules, and power and conflict.

• Offered fall semester, even years
• Prerequisite: SOC-S 100 or consent of instructor

**SOC-S 325 Criminology (3 cr)**

A study of the patterns of crime, strategies for control, and theories of crime causation.

• Offered occasionally.
• Prerequisite: SOC-S 100 or consent of instructor

**SOC-S 329 Women and Deviance (3 cr)**

Using theoretical models of women and deviance, this course examines gender norms and roles in crime, historical conceptions, justice system response, and current issues regarding women’s participation in criminal activity.

• Offered occasionally.
• Prerequisite: SOC-S 100 or consent of instructor

**SOC-S 335 Race and Ethnic Relations (3 cr)**

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.

• Generally offered every other fall semester
• Prerequisite: SOC-S 100 or consent of instructor

**SOC-S 340 Social Theory (3 cr)**

Sociological theory, with focus on content, form, and historical development. Relationships among theories, data, and sociological explanation.

• Generally offered every other spring semester.
• Prerequisite: SOC-S 100 or consent of instructor

**SOC-S 360 Topics in Social Policy (3 cr)**

Specific topics announced each semester; examples include environmental affairs, urban problems, poverty, and population problems. May be repeated three times for credit with different topics.

• Offered occasionally.
• Prerequisite: SOC-S 100 or consent of instructor

**SOC-S 410 Topics in Social Organizations (3 cr)**

Specific topics announced each semester, e.g., social stratification, formal organizations, urban social organization, education, religion, politics, demography, social power, social conflict, social change, comparative social systems.

• May be repeated three times for credit with a different topic.
• Offered occasionally.

**SOC-S 410 Topics: Media and Society (3 cr)**

Specific topics announced each semester, e.g. social stratification, formal organizations, urban social organization, education, religion, politics, demography, social power, social conflict, social change, comparative social systems, race and ethnic relations, rural sociology, urban sociology, and reorganization.

• Occasional offering.

**SOC-S 410 Topics: Queer Identities and Communities (3 cr)**

The course explores issues of Lesbian, Gay, Bisexual, Transgender and Queer identities, as well as historical perspectives on LGBT communities and social movements for equal rights. Throughout the course we will contrast modern and postmodern conceptions of and discourse surrounding sexuality, identity and gender. The term “queer” will be used in this course in two principle ways: 1) as a term of inclusion, and 2) as a political and discursive
movement to disrupt or otherwise deconstruct modern conceptions of sexuality, identity and gender.
- Occasional offering.

**SOC-S 413 Gender and Society (3 cr)**
Major theories of sex inequality; historical and cross-cultural variations in systems of sex inequality; social, economic, political, and cultural processes perpetuating sex inequality in U.S. society; interrelationships between racial, class, and sex inequality; strategies for social change.
- Generally offered every other fall semester.
- Prerequisite: SOC-S 100 or consent of instructor

**SOC-S 427 Social Conflict (3 cr)**
Origin, development, and termination of social conflict; its organizing and disorganizing effects; its control.
- Offered occasionally.
- Prerequisite: SOC-S 100 or consent of instructor

**SOC-S 494 Field Experience in Sociology (1-6 cr)**
Major theories of sex inequality; historical and cross-cultural variations in systems of sex inequality; social, economic, political, and cultural processes perpetuating sex inequality in U.S. society; interrelationships between racial, class, and sex inequality; strategies for social change.
- Limited to a total of nine credit hours of both SOC-S 494 and SOC-S 495.
- Prerequisite: consent of instructor and prior arrangement.

**SOC-S 495 Individual Readings in Sociology (1-6 cr)**
Individualized approach to selected topics through the use of guided readings, research and critical evaluation. Prior arrangement required; conducted under the supervision of a member of the sociology faculty.
- Limited to a total of nine credit hours of both SOC-S 494 and SOC-S 495.
- Prerequisite: Consent of instructor and prior arrangement, usually in conjunction with honors work.

**Spanish Language & Culture**

**HISP-S 308 Spanish Conversation and Composition (3 cr)**
This content-based course seeks to improve students’ oral and writing skills in Spanish while fostering critical thinking and cultural awareness. The written component includes an analysis of various writing styles: description, narration, exposition, and argumentation. The oral component includes discussions of cultural topics in the Spanish-speaking world.
- Taught in Spanish.
- Offered fall semester, every years.
- Prerequisite: SPAN-S 250 or consent of instructor

**SPAN-S 100 Elementary Spanish I (4 cr)**
Introduction to present-day Spanish, basic structural patterns, and functional vocabulary.
- Taught in Spanish.
- Offered every fall and summer I semesters.
- No prerequisite.

**SPAN-S 150 Elementary Spanish II (4 cr)**
Introduction to present-day Spanish, basic structural patterns, and functional vocabulary.
- Attendance in Language Laboratory may be required
- Offered every spring and summer II semesters.
- Prerequisite: SPAN-S 100 or equivalent

**SPAN-S 200 Second Year Spanish I (3 cr)**
Continuation of SPAN-S 100 / S 150, with increased emphasis on communication skills and selected readings.
- Offered every fall semester and summer session I.
- Prerequisite: SPAN-S 150 or equivalent

**SPAN-S 250 Second Year Spanish II (3 cr)**
Continuation of SPAN-S 200, with increased emphasis on communication skills and selected readings.
- Taught in Spanish.
- Offered every spring semester and summer session II.
- Prerequisite: SPAN-S 200 or equivalent

**SPAN-S 229 Spanish Culture & Civilization (3 cr)**
From the earliest times to the present. Survey of the development of Spanish civilization and culture showing trends in ideas, in arts and literature, in the economic, religious and political movements viewed within strict historical framework.
- Taught in English.
- Offered occasionally.
- No prerequisite.
SPAN-S 230 Cervantes' Don Quixote in Translation (3 cr)
Detailed textual analysis of Cervantes’s masterpiece, with readings and class discussion on its relationship to the Renaissance and the development of the world novel.
- Taught in English.
- Offered occasionally.
- No prerequisite.

SPAN-S 235 20th Century Spanish Literature (3 cr)
Representative works by major twentieth century peninsular writers and philosophers. Reading of fiction, essays, poetry, and drama in English translation. Emphasis on cultural values as expressed through literature.
- Taught in English.
- Offered occasionally.
- No prerequisite.

SPAN-S 241 Golden Age Literature in Translation (3 cr)
Masterpieces of Spanish literature of the sixteenth and seventeenth centuries. Representative authors include: Lope de Vega, Cervantes, Garcilaso, Quevedo, Calderón, Fray Luís de León, San Juan de la Cruz, and Góngora.
- Taught in English.
- Offered occasionally.
- No prerequisite.

SPAN-S 260 Intro to Hispanic Film (3 cr)
Hispanic culture in film. Cinematic techniques used to portray Hispanic culture.
- Taught in English.

SPAN-S 270 Service-Learning in Hispanic Culture (1-3 cr)
In this course students will develop their understanding of Hispanic cultures through community projects directed at the local Latino community.
- Taught in English.
- Offered as needed.
- No prerequisite.

SPAN-S 275 Introduction to Hispanic Culture (3 cr)
Practice of language skills through reading, writing and discussion of Hispanic culture. Treats facets of popular culture, diversity of the Spanish-speaking world and themes of social and political importance.
- Taught in Spanish.
- Offered spring semester, even years.
- Prerequisite: SPAN-S 200

SPAN-S 284 Women in Hispanic Culture (3 cr)
Images, roles, and themes involving women in Hispanic cultural productions.
- Taught in English.
- Offered occasionally.
- No prerequisite.

SPAN-S 290 Topics in Hispanic Culture (3 cr)
Emphasis on one topic, author, or genre in Hispanic culture.
- May be repeated once for credit with different topic.
- Taught in English.
- Offered occasionally.
- No prerequisite.

SPAN-S 303 The Hispanic World (3 cr)
Introduction to Hispanic culture through literature. Emphasis is on the development of national values and cultural themes. The approach stresses the relationship of literacy to history and the arts.
- Taught in English.
- Offered every fall, spring, and summer.
- No prerequisite.

SPAN-S 360 Introduction to Hispanic Literature (3 cr)
Using fiction, drama, and poetry from both Spain and Latin America, this course introduces strategies to increase reading comprehension and presents terms and concepts useful in developing the critical skills of literary analysis.
- Taught in Spanish.
- Offered every spring semester, odd years.
- Prerequisite: SPAN-S 250 or equivalent, or consent of instructor

SPAN-S 370 Service-Learning in Spanish (1-3 cr)
In this course students will apply their linguistic skills to a service learning project involving the local Latino community.
- Taught in Spanish.
- Offered as needed.
- Prerequisite: SPAN-S 250 or equivalent, or consent of instructor

SPAN-S 381 Hispanic Civilization I (3 cr)
Study of prehistoric to Renaissance Spanish and Latin American cultural manifestations, literary practices and
texts in their historical contexts. Materials include poems, short stories, plays, prose fiction, etc.

- Taught in Spanish.
- Offered fall semester, even years.
- Prerequisite: SPAN-S 250 or equivalent, or consent of instructor

**SPAN-S 382 Hispanic Civilization II (3 cr)**

Study of Baroque to Independence Spanish and Latin American manifestations, literary practices and texts in their historical contexts. Materials include poems, short stories, plays, novels, etc.

- Taught in Spanish.
- Offered spring semester, odd years.
- Prerequisite: SPAN-S 250 or equivalent, or consent of instructor.

**SPAN-S 383 Hispanic Civilization III (3 cr)**

Study of twentieth-century Spanish and Latin American cultural manifestations, literary practices and texts in their historical contexts. Materials include poems, short stories, plays, prose fiction, etc.

- Taught in Spanish.
- Offered fall semester, odd years.
- Prerequisite: SPAN-S 250 or equivalent, or consent of instructor.

**SPAN-S 384 Hispanic Civilization IV (3 cr)**

Study of twenty-first-century Spanish and Latin American cultural manifestations, literary practices and texts in their historical contexts. Materials include poems, short stories, plays, prose fiction, etc.

- Taught in Spanish.
- Offered spring semester, even years.
- Prerequisite: SPAN-S 250 or equivalent, or consent of instructor.

**SPAN-S 390 Special Topics in Spanish (3 cr)**

This course will examine topics related to the Hispanic cultures and/or the Spanish language.

- Taught in Spanish.
- Offered occasionally.
- May be repeated for credit with variable topics.
- Prerequisite: SPAN-S 250 or consent of instructor

**SPAN-S 490 Topics in Hispanic Literature (3 cr)**

Examination of various areas of Spanish and Spanish-American literature.

**SPAN-S 493 Internship Program in Spanish (3 cr)**

Students work in businesses, organizations, or institutions applying their skills in Spanish in order to gain awareness of the uses of Spanish in the workplace. Students record and analyze their experiences through logs and meetings with the internship director and write a paper.

- Taught in Spanish.
- Offered as needed.
- Prerequisite: Junior standing with authorization

**SPAN-S 498 Capstone Seminar in Spanish (3 cr)**

Senior-level course for Spanish majors that integrates students’ undergraduate study.

- Taught in Spanish.
- Offered as needed.
- Prerequisite: Senior standing with SPEA-V 366 Managing Behavior in Public Orgs. (3 cr)

**Speech Communication**

**SPCH-C 325 Interviewing Principles & Practices (3 cr)**

Study and practice of methods used in business and industrial interviews, emphasizing the logical and psychological bases for the exchange of information and attitudes.

**SPCH-S 121 Public Speaking (3 cr)**

Theory and practice of public speaking: training in thought processes necessary to organize speech content, analysis of components of effective delivery and language.

- Offered fall, spring and summer semesters.

**SPCH-S 122 Interpersonal Communication (3 cr)**

Introduction to the study of communication, culture, identity and power. Each student does original primary research. Topics range from groups in North Africa to high school and college students in the United States, and issues such as gendered language, slang, verbal play, and institutional language.

**SPCH-S 303 Propaganda & Persuasion (3 cr)**

A study of the history, practice and effects of propaganda. Particular attention is given to differences between strategies explored in propaganda and those employed in more ethical forms of persuasion. The emphasis of the course is on the use of propaganda in contemporary society.
SPCH-S 323 Speech Composition (3 cr)
Advanced speech writing focusing on the content of speeches: the theory and practice of informative, persuasive, and ceremonial speaking. Topics include the principles of organization, exposition and argumentation, and language and style.
- Offered periodically.
- Prerequisite: SPCH-S 121

SPCH-S 333 Public Relations (3 cr)
Introduction to theories and research relating to normal development of phonology, syntax, semantics and pragmatics in children from birth to the preschool years. Discussion of fundamental issues such as biological and environmental influences on language development, the relation between language and thought and the relation between language to the rest of cognition.

SPCH-S 490 Professional Practicum/Internship (3 cr)
Supervised opportunity to learn through direct field experience by working in local print, electronic, speech, public relations, and/or theatre related situations.

Theater & Drama

THTR-T 210 Appreciation of Theater (3 cr)
Introduction to the art and history of theatre through a study of major dramatic genres, theatrical elements and techniques, and current productions.
- Offered occasionally.

THTR-T 270 Introduction to the History of Theatre I (3 cr)
This course seeks to explore the beginnings of theatre and drama. We will examine the theatre history and dramatic literature of both Western and Eastern theatre, beginning with Ancient Egyptians and Greeks and Romans, the Medieval theatre, Ancient Japanese and Indian theatre, the Italian Renaissance, the Spanish Golden Age, the Elizabethan theatre, French Neoclassicism, and the English Restoration. Theatrical design and architecture, acting styles, dramatic theory, and the connections between the dramatic arts and a society’s culture will form the basis of our class.

THTR-T 370 Hist. of Theatre & Drama I (3 cr)
World-wide development of theatre and drama from beginnings to present. Study of theatre arts and culture institutions; focus on historical context for plays and performances; emphasis on research methods in theatre history. Beginnings to circa 1700.
- Offered even-numbered fall semesters.

THTR-T 371 Hist. of Western Theatre & Drama II (3 cr)
Development of theatre and drama in Western world from beginnings to present. Study of theatre arts and culture institutions; focus on historical context for plays and performances, emphasis on research methods in theatre history. Circa 1700 to present.
- Offered odd-numbered spring semesters.

THTR-T 483 Topics in Theatre and Drama (3 cr)
Studies in special topics not ordinarily covered in other departmental courses.
- May be repeated once for credit, with different topic.
- Offered occasionally.
Women's & Gender Studies

WOST-W 200 Women in Society: Intro. to Women's Studies (3 cr)

Interdisciplinary exploration of women’s position in society from a predominantly social scientific perspective. Considers such topics as socialization and gender stereotypes, the impact of different political and economic systems on women, theories of human development, the effects of ethnicity, and class.

- Offered fall semesters.

WOST-W 201 Women in Culture: Intro. to Women’s Studies (3 cr)

Interdisciplinary explorations of women’s roles, images, history, and experiences, with emphasis on the perspective of the arts and humanities. Considers such topics as socialization and stereotypes, the roles of various institutions in shaping women’s lives, the effects of gender on creativity.

- Offered occasionally.

WOST-W 300 Topics in Women’s Studies (3 cr)

A variable title course. An interdisciplinary study of selected ideas, trends and problems in women’s studies.

- Offered occasionally.

WOST-W 480 Practicum in Women’s Studies (3 cr)

Internships in the women's studies program are offered to provide opportunities for students to gain work experience while serving women’s needs. This experience is combined with an academic analysis of women’s status and experience in organizations.

- Offered on an individual basis.

WOST-W 495 Readings and Research in Women’s Studies (3 cr)

Individual readings and research in Women and Gender Studies.

- Offered primarily in spring semesters.
Informatics
DEGREE PROGRAMS | MINORS | COURSE DESCRIPTIONS

DEGREE PROGRAMS

B.S. in Informatics (120 cr)

Informatics is the art, science and human dimensions of information technology. It is information technology applied to human problems. Informatics as a discipline is closely related to, but distinct from, such fields as computer science, information science and other traditional disciplines related to information technology. Informatics is more general, basic and applied than any of these related disciplines. It is more general in that it emphasizes breadth across issues in all of the related disciplines, and includes social and ethical issues regarding the information revolution. It is more basic in that it examines foundational questions about the very nature of information and computation. It is more applied since the aim is to produce qualified information technology professionals to meet the rapidly rising need.

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

The following required courses for the degree will also fulfill a portion of the General Education Requirements

- Quantitative Reasoning: MATH-M 118 and ECON-E 270

First Year Seminar (0-3 cr)

- UCOL-U 101 First Year Seminar (2 cr) or HON-H 100 Freshman Honors Seminar (3 cr)
  - Required for students who have never attended college as well as students transferring in less than 12 credit hours.

Informatics Core (36 cr)

- INFO-I 101 Introduction to Informatics (4 cr)
- INFO-I 202 Social Informatics
- INFO-I 210 Information Infrastructure I (4 cr)
- INFO-I 211 Information Infrastructure II (4 cr)
- INFO-I 300 Human Computer Interaction
- INFO-I 308 Information Representation
- BUS-P 330 Project Management
- BUS-S 310 Systems Design and Project Management
- ECON-E 270 Introduction to Statistical Theory in Economics and Business
- IIM-I 300 Foundations and Principles of Integrated Information Management
- MATH-M 118 Finite Math
- Choose one of the following capstone options:
  - INFO-I 492/INFO-I 493 Senior Thesis or Project (two, 3-credit hour courses. Students must take both.)
  - INFO-I 491 Capstone Project Internship (Either 3 credit hours or 6, depending on the length of the internship and the time requirements. Students must have a total of 6 credit hours of internship to fulfill this capstone option.)

Cognate, Minor, or Second Major

In addition to completing the core curriculum in informatics, students are required to complete either a Cognate (an area of specialization), a Minor, or a second Major.

Cognates

Business Cognate (15 cr)

- BUS-A 201 Introduction to Financial Accounting
- BUS-W 100 Introduction to Business Administration
- ECON-E 103 Introduction to Microeconomics or ECON-E 104 Introduction to Macroeconomics
- Choose any two 300 or 400 level business courses, with advisor approval.

Health Cognate (16 cr)

- INFO-I 241 Health Informatics
- NURS-A 111 Nursing and Medical Terminology (1 cr)
- NURS-B 304 Professional Nursing Seminar I: Health Policy*
- NURS-B 404 Professional Nursing Seminar II: Informatics*
- NURS-K 352 Women’s Health
- NURS-S 474 Applied Healthcare Ethics*

*Can only be taken face-to-face on the Richmond campus.

Custom Designed Cognate (15 cr minimum)

- A custom cognate can be designed in conjunction with your academic advisor to provide the opportunity to apply information technology to a new domain or to take a more interdisciplinary approach to address a particular problem or issue. The custom cognate can be encompassed in a single discipline or span multiple disciplines.
Minors

- Any minor (except the Informatics Minor) offered by IU East can be used to satisfy this requirement. IU East currently offers more than 30 minors.

Second Major

- Students who double major may use the second major to satisfy this requirement.

Electives

Students must complete at least 120 credit hours to graduate. Elective courses are taken to reach the 120 credit hour requirement. Any course not specifically required can be taken as an elective.

Collaborative B.S. in Informatics (120 cr)

IU East, in conjunction with the other IU regional campuses, offers a collaborative online B.S. in Informatics degree. This degree, offered exclusively online, is intended for distance education students. The courses are taught by various IU campuses on a rotational basis.

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

The following required course for the degree will also fulfill a portion of the General Education Requirements:

- Quantitative Reasoning: MATH-M 118

First Year Seminar (2 cr)

- UCOL-U 101 First Year Seminar (2 cr)
  - Required of all students who have never attended college as well as students transferring in less than 12 credit hours.

Collaborative Informatics Core Courses (39 cr)

- INFO-C 100 Informatics Foundations
- INFO-C 112 Tools of Informatics: Programming and Databases
- INFO-C 201 Mathematical Foundations of Informatics
- INFO-C 203 Social Informatics
- INFO-C 210 Problem Solving and Programming 1
- INFO-C 211 Problem Solving and Programming 2
- INFO-C 300 Human Computer Interaction
- INFO-C 307 Data Representation and Organization
- INFO-C 399 Database Systems
- INFO-C 413 Web Design and Development
- INFO-C 450 System Design
- INFO-C 451 System Implementation
- INFO-C 452 Project Management

Cognates

Every student in the online informatics program must complete a cognate (area of specialization). Check with an academic advisor to determine what cognates are available.

Electives

Students must complete at least 120 credit hours to graduate. Elective courses are taken to reach the 120 credit hour requirement. Any course not specifically required can be taken as an elective.

MINORS & CERTIFICATES

Minor in Informatics (18 cr)

The Minor in Informatics provides an experience in application design and data management. Various approaches are used in the instruction and development of skills needed to process information, design systems, program, and manage projects. In completing this minor, students will build an understanding of current technology while learning how to break down and solve complex real-world informational problems.

Minor Requirements (17-18 cr)

- INFO-I 101 Introduction to Informatics (4 cr)
- INFO-I 210 Information Infrastructure I (4 cr)
- INFO-I 308 Information Representation
- Choose 2 of the following seven electives:
  - INFO-I 202 Social Informatics
  - INFO-I 211 Information Infrastructure II (4 cr)
  - INFO-I 300 Human Computer Interaction
  - BUS-K 209 Fundamentals of Microsoft Office
  - BUS-P 330 Project Management
  - BUS-S 310 System Analysis and Project Management
  - IIM-I 300 Foundations and Principles of Integrated Information Management
Collaborative Informatics Courses

Note: INFO-C courses are restricted to students in the Collaborative B.S. in Informatics Degree. Please check with an academic advisor before enrolling in any of these courses.

INFO-C 100 Informatics Foundations (3 cr)
This course is a basic introduction to informatics. It covers problem solving and elementary programming skills. It also provides a survey of computing tools in the context of selected disciplines.
- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program

INFO-C 112 Tools for Informatics: Programming and Databases (3 cr)
This course is an introduction to programming and databases, two basic means of creating, changing, and storing information on a computer. Computational thinking, basic programming, and basic debugging methods will be covered in a high-level language. Data modeling, schemas, SQL queries, and data-entry forms will also be emphasized.
- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program
- Prerequisite or Corequisite: INFO-C 100

INFO-C 201 Mathematical Foundations of Informatics (3 cr)
An introduction to methods of analytical, abstract, and critical thinking, deductive reasoning, and logical and mathematical tools used in information sciences. The topics include propositional and predicate logic, natural deduction proof system, sets, functions and relations, elementary statistics, proof methods in mathematics, and mathematical induction.
- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program
- Prerequisite: MATH-M 118

INFO-C 203 Social Informatics (3 cr)
This course introduces key ethical, privacy and legal issues as they relate to informatics. Social research perspectives and the use of information and communication technologies are also covered. Topics include: intellectual property, legal issues, societal laws, ethical use of information, information privacy laws, personal code of ethics, principles for resolving ethical conflicts, and popular and controversial uses of technology. This course also outlines research methodologies for social informatics.
- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program
- Prerequisites or Corequisites: INFO-C 100, INFO-C 112

INFO-C 210 Information Infrastructure 1 (3 cr)
First in a two-course sequence of intensive computer programming. In this course, students will design, develop, test, and debug software solutions using a given programming language.
- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program
- Prerequisites or Corequisites: INFO-C 100, INFO-C 112

INFO-C 211 Information Infrastructure 2 (3 cr)
Second course in a two-course sequence of intensive computer programming. In this course, students will learn and apply object oriented computer programming concepts and techniques. The course will also provide a brief introduction to data structures and files.
- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program
- Prerequisite: INFO-C 210

INFO-C 300 Human Computer Interaction (3 cr)
This course introduces core topics and approaches in human computer interaction including the process of designing and evaluating interactive technologies. Topics include: interaction design, evaluation, usability, user psychology, prototyping, requirements and analysis, and related issues. Students working in teams identify stakeholders, build user-centered interfaces, and apply statistics to analyze user data.
- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program
- Prerequisite: INFO-C 211

INFO-C 399 Database Systems (3 cr)
This course provides an in-depth discussion of database fundamentals. The course emphasizes the concepts underlying various functionalities provided by a database management system, and its usage from an end-user perspective. Topics include: overview and architecture of
database systems, relational database modeling and querying, and basic XML database modeling and querying.

- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program
- Prerequisites: INFO-C 201, INFO-C 211

**INFO-C 413 Web Design and Development (3 cr)**

This course introduces website design and development. Topics include client-side technologies such as Hypertext Markup Language (HTML, XML), the document object model (DOM), Cascading Style Sheet (CSS), JavaScript and jQuery, AJAX, front-end framework, and server-side technologies.

- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program
- Prerequisites: INFO-C 211, INFO-C 300

**INFO-C 450 System Design (3 cr)**

This course introduces the concepts of large scale system design and development. Topics include: the software development life cycle, specification, analysis, design, modeling, use cases, user interface design, planning, estimating, reusability, portability, working in teams, introductory project management and CASE tools. Student teams will present their final project design.

- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program
- Prerequisite: INFO-C 300

**INFO-C 451 System Implementation (3 cr)**

This course introduces the concepts of large scale system implementation. Topics include: implementation of data models, user interfaces and software systems, working in teams, software testing, planning, estimating, and post-delivery maintenance. Students will work in teams and utilize project management tools and revision control and source code management systems. Student teams will present their final project implementation.

- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program
- Prerequisite: INFO-C 450

**INFO-C 452 Project Management (3 cr)**

This course provides an in-depth discussion of project management in an Informatics setting. Students will become conversant in the tools and techniques of project management, such as project selection methods, work breakdown structures, network diagrams, critical path analysis, critical chain scheduling, cost estimates, earned value management, motivation theory, and team building.

- Offered online only
- Restricted to students in the Collaborative Online BS in Informatics program
- Prerequisite: INFO-C 450

**Informatics Courses**

**INFO-I 101 Introduction to Informatics (4 cr)**

Topics of this course include: problem solving with information technology, introduction to information representation, relational databases, system design, propositional logic, cooperating systems, and networks. The course includes a laboratory component emphasizing information technology including webpage design, word processing, and databases.

- Offered online and in class in fall and spring semesters

**INFO-I 202 Social Informatics (3 cr)**

Introduction to key social research perspectives and the use of information and communication technologies. Discusses current topics such as information ethics, relevant legal frameworks, popular and controversial uses of technology (e.g. peer-to-peer file sharing), digital divides, etc. Outlines research methodologies for social informatics.

- Offered online and in class in spring semester

**INFO-I 210 Information Infrastructure I (4 cr)**

First in a two-course sequence of intensive computer programming. In this course, students will design, develop, test, and debug software solutions using the Java programming language.

- Offered online and in class in fall semester
- Prerequisite: INFO-I 101

**INFO-I 211 Information Infrastructure II (4 cr)**

Second course in a two-course sequence of intensive computer programming. In this course, students will learn and apply object oriented computer programming concepts and techniques. The course will also provide a brief introduction to data structures and files.

- Offered online and in class in spring semester
- Prerequisite: INFO-I 210

**INFO-I 241 Health Informatics (3 cr)**

This course provides an overview of project management for health information technology, quality improvement in healthcare, specialized public health applications such as
patient and provider registries, epidemiological databases, biosurveillance, situational awareness, and emergency response systems. The course also covers rapid prototyping, user-centered design and evaluation, usability, and the effects of new technology and workflow on downstream processes. The skills necessary to communicate effectively across the full range of roles that will be encountered in healthcare and public health settings are discussed, as is working in teams - including essentials of good communication skills and group cohesion.

- Offered online in spring semester of odd numbered years
- Prerequisite: INFO-I 101

INFO-I 300 Human Computer Interaction Design and Programming (3 cr)

This is an intermediate course that teaches students how to assess the usability of software through quantitative and qualitative methods, including conducting task analyses, usability studies, heuristic inspections, interviews, surveys, and focus groups. The course also introduces students to the tools and techniques for designing and testing user interfaces based on a human-centered methodology.

- Offered online and in class in fall semester

INFO-I 308 Information Representation (3 cr)

The basic structure of information representation in digital information systems. Begins with low-level computer representations such as common character and numeric encodings. Introduces formal design and query languages through entity relationship modeling, the relational model, XML, XHTML, SQL and XPath querying.

- Offered online and in class in spring semester
- Prerequisite: INFO-I 210

INFO-I 491 Capstone Project Internship (3 or 6 cr)

Students put their informatics education in practice through the development of a substantial project while working in a professional information technology environment.

- Offered every semester
- Prerequisite: Permission of instructor

INFO-I 492 Senior Thesis or Project - Part 1 (3 cr)

The student prepares and presents a substantial, typically multi-chapter paper based on a well-planned research or scholarly project, as determined by the student and a sponsoring faculty member, or the student prepares an informatics project for use. This course is part 1 of a 2 part series. Grades for the course will not be given until part 2 is completed.

- Offered every semester
- Prerequisite: Permission of instructor

INFO-I 493 Senior Thesis or Project - Part 2 (3 cr)

This course is a continuation of INFO-I 492. Students must take INFO-I 492 Senior Thesis or Project – Part 1 before taking this course.

- Offered every semester
- Prerequisites: INFO-I 492, Permission of instructor
If you’re interested in science or mathematics, programs in the School of Natural Science and Mathematics can put you on the path to a professional career in the field of your choice. Bachelor’s degrees in biochemistry, biology, human life science, and mathematics are excellent preparation for students who want to pursue professional programs after graduation in biology, medicine, engineering, education, dentistry, optometry, physical therapy, occupational therapy, physician assistant, genetics, pharmacy, and more.

DEGREE PROGRAMS

B.A. in Natural Science & Mathematics (120 cr)

This degree offers concentrations in:

- Biology
- Mathematics
- Interdisciplinary

If you are planning post baccalaureate study, it is recommended that you check the requirements of the specific graduate/professional program you are interested in, to plan your degree coursework appropriately.

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Please note: The Quantitative Reasoning and Scientific Ways of Knowing General Education Requirements will be satisfied by this degree’s requirements. Please confirm these requirements with your advisor.

Program Requirements

First-Year Seminar (0-2 cr)

- UCOL-U 101 or HON-H 100
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

World Languages & Cultures Requirement (0-14 cr)

This requirement may be met in one of the following ways:

- Completing Intermediate II (fourth semester) of a non-English language
- Completing a 300-400 level course in a non-English language, or an approved study abroad course that meets this language requirement
- Receiving credit for non-English language courses via placement exam for Intermediate II (fourth semester).

Information Literacy (1-3 cr)

Choose 1 from:

- COAS-I 103 Information Literacy (3 cr)
- COAS-Q 110 Intro to Information Literacy (1 cr)
- CSCI-A 110 Intro to Computers & Computing (3 cr)
- BUS-K 209 Fundamentals of Microsoft Office (3 cr)

Biology Concentration

Please note: BIOL-L 102 is the required prerequisite for all of the following courses.

From the following three groups, choose 2 courses from each of 2 groups, and 1 course from the remaining group.

Group: Evolution & Diversity

- BIOL-B 301 Introduction to the Plant Kingdom
- BIOL-L 318 Evolution
- BIOL-Z 468 Limnology

Group: Cellular & Molecular

- BIOL-L 211 / 213 Molecular Biology w/ Lab
- BIOL-L 314 Genetics
- BIOL-L 315 Cell Biology
- BIOL-L 321 Principles of Immunology
- BIOL-M 310 / 315 Microbiology w/ Lab

Group: Ecological & Environmental

- BIOL-L 325 Ecological Principles
- BIOL-L 333 Introduction to Environmental Science
- BIOL-Z 468 Limnology

Capstone (0-1cr)

- BIOL-L 452 Capstone in Biology

Biology Electives

Choose additional Biology courses at the 200+ level to be combined with the above concentration to total 30 credit hours. These may include 6 credits of relevant non-biological sciences (chemistry, geology, physics, astronomy, and math).
Mathematics Concentration

Calculus (13 cr)
- MATH-M 215 Calculus I
- MATH-M 216 Calculus II
- MATH-M 311 Calculus III

Applications (6 cr)
Choose 2 from:
- MATH-M 303 Linear Algebra
- MATH-M 313 Differential Equations
- MATH-M 371 Elementary Computational Methods

Transition (6 cr)
- MATH-M 380 History of Math
- MATH-M 393 Bridge to Abstract Math

Electives (5 cr)
- Choose one 400 level Mathematics course
- Choose one 200 level or above course. This course may be from Mathematics, or another related course with advisor approval (excludes MATH-K 300).

Capstone (3 cr)
- MATH-M 499 Capstone in Mathematics

Interdisciplinary Concentration

Students will work with their advisor to develop their program plan with a well-defined concentration. All program plans must be approved by their advisor, the school curriculum committee, and the Dean. This program plan must include a minimum of 20 credit hours at the 200 level or higher.

Natural Science & Mathematics (16 cr)
A minimum of 16 credits in Natural Science & Mathematics.

Other Courses (14 cr)
Determined by your program plan.

Electives (32-34 cr)
After Concentration requirements have been met, take enough credit hours to complete 120 credits.

B.S. in Biochemistry (120 cr)

The Bachelor of Science in Biochemistry is ideal for students heading for professional programs in pharmacy, medicine, or dentistry. Students planning to attend graduate school for advanced study in biochemistry, molecular and cellular biology, or other biology related fields will find this program optimal for their interest. This program prepares students looking for employment in chemical and biochemical industries as well as hospitals and related health care facilities.

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Please note: The Quantitative Reasoning and Scientific Ways of Knowing General Education Requirements will be satisfied by this degree’s requirements. Please confirm these requirements with your advisor.

Program Requirements

First-Year Seminar (0-2 cr)
- UCOL-U 101 or HON-H 100
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

Information Literacy (1-3 cr)
Choose 1 from:
- COAS-I 103 Information Literacy (3 cr)
- COAS-Q 110 Intro to Information Literacy (1 cr)
- CSCI-A 110 Intro to Computers & Computing (3 cr)
- BUS-K 209 Fundamentals of Microsoft Office (3 cr)

Degree Requirements

Physical Science core (33 cr)
- CHEM-C 105/125 General Chemistry I
- CHEM-C 106/126 General Chemistry II
- CHEM-C 341/343 Organic Chemistry I
- CHEM-C 342/344 Organic Chemistry II
- CHEM-C 360 Introductory Physical Chemistry
- PHYS-P 201 General Physics I (or PHYS-P211 – Physics 1)
- PHYS-P 202 General Physics II (or PHYS-P222 – Physics 2)

Mathematics core (10 cr)
- MATH-M 125 Pre-Calculus
- MATH-M 126 Trigonometric Functions
- MATH-M 215 Calculus I

Biochemistry core (30-34 cr)
- BIOL-L 101 Introduction to Biological Sciences I**
  **Students may test out of this course, but will not be awarded credit hours
- BIOL-L 102 Introduction to Biological Sciences
- BIOL-L 211/213 Molecular Biology with Lab
- BIOL-L 314 Genetics
- BIOL-L 315 Cell Biology
- BIOL-L 321 Immunology
- CHEM-C 484 Biomolecules and Catabolism
B.S. in Biology (120 cr)

The Bachelor of Science in Biology provides you with a background in biological sciences in order to prepare you for advanced study or for employment. The degree program will prepare you for further study beyond the baccalaureate (such as graduate school, medicine, dentistry, veterinary, pharmacy, and allied health).

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Please note: The Quantitative Reasoning and Scientific Ways of Knowing General Education Requirements will be satisfied by this degree’s requirements. Please confirm these requirements with your advisor.

Program Requirements

First-Year Seminar (0-2 cr)

- UCOL-U 101 or HON-H 100
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

Information Literacy (1-3 cr)

Choose 1 from:

- COAS-I 103 Information Literacy (3 cr)
- COAS-Q 110 Intro to Information Literacy (1 cr)
- CSCI-A 110 Intro to Computers & Computing (3 cr)

Degree Requirements (81 cr)

Natural Science & Mathematics Core Requirements (38 cr)

- MATH-M 215 Calculus I
- MATH-K 300 Statistics
- CHEM-C 105 / 125 Principles of Chemistry I with Lab
- CHEM-C 106 / 126 Principles of Chemistry II with Lab
- CHEM-C 341 / 343 Organic Chemistry I with Lab
- CHEM-C 342 / 344 Organic Chemistry II with Lab
- PHYS-P 201 General Physics I
- PHYS-P 202 General Physics II

Biology Requirements (43 cr)

- BIOL-L 101 Introduction to Biological Sciences I**
  **Students may test out of this course, but will not be awarded credit hours
- BIOL-L 102 Introduction to Biological Sciences II
- BIOL-L 211 Molecular Biology
- BIOL-B 301 Introduction to Plant Kingdom
- BIOL-Z 301 Introduction to Animal Kingdom
- BIOL-L 325 Ecological Principles
- BIOL-L 314 Genetics
- BIOL-L 315 Cell Biology
- BIOL-L 452 Capstone in Biology

Choose additional Biology courses at 200 level or above to complete the 43 credit hour biology requirement.

Electives (7-9 cr)

Choose additional courses to total 120 credits, after all other requirements are met.

B.S. in Human Life Science (120 cr)

The Bachelor of Science in Human Life Science is a versatile degree that provides the student with extensive preparation for graduate or professional studies in any field that works with the science of the human organism. This program is for students who want to attend graduate school, specifically occupational therapy, physical therapy, medical/dental school, pathology, and/or laboratory medicine.

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Please note: The Quantitative Reasoning and Scientific Ways of Knowing General Education Requirements will be satisfied by this degree’s requirements. Please confirm these requirements with your advisor.
Program Requirements

First-Year Seminar (0-2 cr)
- UCOL-U 101 or HON-H 100
  A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

Information Literacy (1-3 cr)
Choose 1 from:
- COAS-I 103 Information Literacy (3 cr)
- COAS-Q 110 Intro to Information Literacy (1 cr)
- CSCI-A 110 Intro to Computers & Computing (3 cr)
- BUS-K 209 Fundamentals of Microsoft Office (3 cr)

College-Level Mathematics (5 cr)
- MATH-M 125 Pre-calculus (3 cr)
  - May test out of this course. May use this or higher course to satisfy general education requirement.
- MATH-M 126 Trigonometric Functions (2 cr)
  - May test out of this course. May use this or higher course to satisfy general education requirement.

Degree Requirements (73-77 cr)

Natural Science & Mathematics Core Requirements (38 cr)
- CHEM-C 105 / 125 Principles of Chemistry I with Lab
- CHEM-C 106 / 126 Principles of Chemistry II with Lab
- CHEM-C 341 / 343 Organic Chemistry I with Lab
- CHEM-C 342 / 344 Organic Chemistry II with Lab
- PHYS-P 201 General Physics I
- PHYS-P 202 General Physics II

Human Life Science Core (19-23 cr)
- BIOL-L 101 Introduction to Biological Sciences I**
  - **Students may test out of this course, but will not be awarded credit hours
- BIOL-L 102 Introduction to Biological Sciences II
- ANAT-A 215 Human Anatomy
- PHSL-P 215 Human Physiology
- BIOL-L 314 Genetics
- BIOL-L 452 Capstone

Human Life Science Electives (34 cr)
At least 15 cr. must be at the 300 level or above. Students should consult with an academic advisor about which human life science electives would best prepare them for the appropriate post-baccalaureate professional school. Students with other career or area interests should also discuss their plans with an academic advisor.
- BIOL-L 108 Environment and Life (3 cr)

B.S. in Mathematics (120 cr)

The Bachelor of Science in Mathematics provides you with a broad background in various areas of study within mathematics. It prepares you for advanced study or for employment. As a graduate from this program, you may find employment in banking, insurance, or other industries. If you want to pursue further studies, the degree prepares you for graduate school in mathematics or a graduate program in teaching. It is possible to earn a dual degree in mathematics and secondary education; please see your academic advisor to review course requirements for the dual degree.

General Education Requirements (30 cr)

See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.
Please note: The Quantitative Reasoning and Scientific Ways of Knowing General Education Requirements will be satisfied by this degree’s requirements. Please confirm these requirements with your advisor.

Program Requirements

First-Year Seminar (0-2 cr)
- UCOL-U 101 or HON-H 100
A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

Information Literacy (1-3 cr)
Choose 1 from:
- COAS-I 103 Information Literacy (3 cr)
- COAS-Q 110 Intro to Information Literacy (1 cr)
- CSCI-A 110 Intro to Computers & Computing (3 cr)
- BUS-K 209 Fundamentals of Microsoft Office (3 cr)

Degree Requirements (45 cr)

Mathematics Core Requirements (30 cr)
- MATH-M 215 Calculus I
- MATH-M 216 Calculus II
- MATH-M 303 Linear Algebra for Undergraduates
- MATH-M 311 Calculus III
- MATH-M 393 Bridge to Abstract Mathematics
- MATH-M 403 Introduction to Modern Algebra I
- MATH-M 413 Introduction to Analysis I
- MATH-M 447 Mathematical Models
- MATH-M 499 Senior Seminar in Mathematics

Electives in Mathematics (15 cr)
Choose any combination of 15 credits of MATH-M courses at the 300-level or above (including approved T-courses, informatics, economics or finance courses).
- INFO-I 201 Mathematical Foundations of Informatics (4 cr)
- MATH-M 313 Elementary Differential Equations with Applications (3 cr)
- MATH-M 366 Elements of Statistical Inference (3 cr)
- MATH-M 371 Elementary Computational Methods (3 cr)
- MATH-M 380 History of Mathematics (3 cr)
- MATH-M 405 Number Theory (3 cr)
- MATH-M 421 Introduction to Topology I (3 cr)
- MATH-M 415 Elementary Complex Variables with Applications (3 cr)

Electives (40-43 cr)
After concentration requirements have been met, take enough credit hours to complete 120 credits and meet IU East degree program requirements, residency requirements, and GPA requirements.

Bachelor of General Studies, Natural Science and Mathematics Concentration (120 cr)
A Bachelor of General Studies offers students the quality of an IU degree along with the most flexibility of any academic program. This degree allows graduates to have nearly endless career choices — a must for today’s changing workforce.

Three concentrations of this degree are available:
- Arts and Humanities*
- Social and Behavioral Sciences*
- Natural Science and Mathematics

Once you’ve chosen your concentration, you then select courses that interest you the most. This is an excellent option for working adults, transfer students, or anyone who has a broad interest in the liberal arts.

* Housed within the School of Humanities and Social Sciences. Please contact the HSS advisor(s) for more information about this concentration. hssadv@iue.edu

General Education Requirements (30 cr)
See Framework for General Education in Baccalaureate Degree Programs on page 15 for details and courses.

Please note: The Quantitative Reasoning and Scientific Ways of Knowing General Education Requirements will be satisfied by this degree’s requirements. Please confirm these requirements with your advisor.

Program Requirements

First-Year Seminar (0-2 cr)
- UCOL-U 101 or HON-H 100
A passing grade is required in the First Year Seminar course. This course is mandatory for all beginning freshmen and for transfer students with no more than 12 credit hours of transferring coursework. This course must be taken in the first semester after admission to Indiana University East.

Additional coursework required for Learning Areas (9-10 cr)
The degree requires completion of 12 credit hours in each of three Learning Areas: Arts & Humanities, Natural Science and Math, and Behavioral and Social Sciences.
These areas often overlap with the General Education requirements described above. Choose additional coursework to fulfill the remaining requirements:

- 3-4 additional credit hours total from Natural Sciences and/or Quantitative Reasoning disciplines (see General Education Requirements).
- 6 additional credit hours total from Social-Behavioral disciplines (see General Education Requirements).
- All coursework applied to the Learning Areas must be completed with a C- or higher. As a result, students may need additional courses toward this requirement. See your advisor for more information.

Information Literacy (1-3 cr)
Choose 1 from:
- COAS-I 103 Information Literacy (3 cr)
- COAS-Q 110 Intro to Information Literacy (1 cr)
- CSCI-A 110 Intro to Computers & Computing (3 cr)
- BUS-K 209 Fundamentals of Microsoft Office (3 cr)

Multicultural Awareness (3 cr)
One course taken to fulfill degree requirements must come from a list of approved courses for this category. See your advisor for more information.

Ethical Reasoning (3 cr)
One course taken to fulfill degree requirements must come from a list of approved courses for this category. See your advisor for more information.

Natural Science and Mathematics Concentration Requirements (18 cr)
Choose 18 credits of courses within the designated disciplines of Anatomy, Astronomy, Biology, Chemistry, Geology, Mathematics, Microbiology, Physiology, and Physics.

General Electives (66 cr)
- Choose 15 credit hours from the Arts & Sciences disciplines
- Choose 51 credit hours in courses from a variety of disciplines to attain your educational goals (consult your advisor for assistance).

Additional Guidelines
- No more than 21 credit hours may be taken in a single arts and sciences area.
- No more than 30 credit hours in a single discipline outside the arts and sciences will be counted towards this degree (Business, Education, Human Services, Nursing, Social Work or SPEA).
- At least 30 credit hours must be taken at the 300-400 level.

- Consult with your academic advisor for grade requirements specific to this degree.

Writing Requirement
A grade of C (2.0) or above is necessary in all English composition courses required for a degree. Students must complete ENG W131 or the equivalent within the first 25 credit hours for which they are enrolled. Students must also complete a second writing course with a C (2.0) or above within the first 50 credit hours for which they are enrolled. This courses should prepare students for writing research papers and include at least one method of widely accepted documentation and instruct students in library research skills. All students must complete a culminating writing experience in their major.

General Grade Requirement
No grade below a 1.7 (C-) will be accepted in the Learning Area and Concentration Area coursework. A passing grade is required in all other courses. A minimum cumulative GPA of 2.0 (C) is required for all courses taken toward a degree.

Required Credit Hours
For a bachelor degree a minimum of 30 hours at the 200 level or above must be completed at Indiana University East. At least 15 hours in the field of concentration must be completed at Indiana University East.

Master of Arts in Teaching Mathematics (M.A.T.) (36 cr)
The M.A.T. If you are a current high school teacher, or are aspiring to become one, the Master of Arts in Teaching (M.A.T.) Mathematics may be a good choice for you. The M.A.T. is a flexible program and offers a combination of Mathematics and Education courses. Graduates interested in post-secondary teaching options will be qualified to teach full- or part-time in community colleges and in four-year colleges and universities, and to teach dual-credit courses in high schools.

Depending on your interest and preparation, we offer two tracks through the program.

Track 1 – Leads to Teacher Certification
If you have a Bachelor’s degree in Mathematics, and would like to earn a teaching license, Track 1 of our M.A.T. offers a combination of 18 credit hours of Mathematics, followed by a year-long intense teacher preparation program. This part of the program coincides with the Transition to Teaching program at IU East. The first part of the program (18 credits in Mathematics) may be completed online, but the
Transition to Teaching program must be completed on-site. This part of the program includes intensive internships.

**Track 2 - Professional Development for Teachers**

If you already have a teaching license, you may use the M.A.T. for the purpose of professional development. This track consists of an 18 credit hour core in Mathematics, and 18 credit hours of electives, which may be either in Education or in Mathematics. All portions of this program may be completed online.

Please visit the M.A.T. homepage at http://www.iue.edu/nsm/math/MA-teaching-math.php to review the application procedure for the program. Contact Dr. Josh Beal, Admissions and Advising Coordinator of Graduate Programs in Mathematics for more information – jobeal@iue.edu.

**MINORS & CERTIFICATES**

### Minor in Biology (18 cr)

The biology minor covers a comprehensive understanding of the major areas of biology, practice in laboratory methods and critical thinking skills, and knowledge about areas where biology is likely to affect your everyday life.

The minor in biology requires 18 credit hours of course work; at least 8 credit hours must be completed on the IU East campus. All courses for the minor must be completed with a grade of C or better. Successful completion of BIOL-L 102 Introduction to Biological Sciences II is required before enrolling in other biology courses.

#### Course Requirements (18 cr)

**Core Course (4 cr)**
- BIOL-L102 Introduction to Biological Sciences II

**Biology Electives (8 cr)**
Choose two from:
- BIOL-B 301 Intro to the Plant Kingdom
- BIOL-Z 301 Intro to the Animal Kingdom
- BIOL-L 325 Ecological Principles
- BIOL-L 314 Genetics
- BIOL-L 315 Cell Biology (prerequisite: one semester of Organic Chemistry)

**Additional Courses (6 cr)**
Choose any biological science at the 200 level or above.

### Minor in Chemistry (18 cr)

The minor in chemistry is designed to encourage accurate, systematic observations and the development of deductive reasoning. You will learn concepts in general and organic chemistry, and experimental techniques in one or more areas of chemistry.

The minor in chemistry requires completion, with a C or better, of 20 credit hours including the core courses below. At least 10 hours must be at the 200 level or above and 8 hours or more of minor courses must be completed at IU East.

#### Course Requirements (20 cr)

**Core Courses (15 cr)**
- CHEM-C 105 / 125 Principles of Chemistry I with Lab
- CHEM-C 106 / 126 Principles of Chemistry II with Lab
- CHEM-C 341 / 343 Organic Chemistry I with Lab

**Additional Courses (5 cr)**
Choose 5 credits from:
- CHEM-C 303 Environmental Chemistry
- CHEM-C 333 Experimental Environmental Chemistry
- CHEM-C 342 Organic Chemistry II
- CHEM-C 344 Organic Chemistry II Lab
- CHEM-C 490 Individual Study (varies)
- (Other upper level courses with approval of advisor)

### Minor in Environmental Studies (18 cr)

The minor in environmental studies is a coordinated, interdisciplinary program designed to enhance your awareness of major environmental concepts, acquaint you with areas where environmental issues are related to other disciplines, and increase your awareness of ways people affect the biosphere.

The minor in environmental studies requires completion, with a C or better, of 18 credit hours including the core courses below. The program requires 18 credit hours including at least 6 credit hours at the 200 level or above. It must include courses from at least one division other than Natural Science and Mathematics.

At least 8 credit hours of the minor must be completed at IU East.

#### Course Requirements (18 cr)

**Core Courses (15 cr)**
- BIOL-L 108 Environment and Life
- BIOL-L 325 Ecological Principles
Choose one course in Geology (GEOL)
Choose one course in Chemistry (CHEM)
(Either the Geology or the Chemistry course must include a lab)

**Additional Courses**
Choose from the following to total 18 credits:
- ECON-E 103 Microeconomics
- GEOG-G 110 Introduction to Human Geography
- GEOL-G 111 Physical Geography
- GEOL-G 112 Historical Geology
- GEOL-G 210 Oceanography
- CHEM-C 303 Environmental Chemistry
- CHEM-C 333 Experimental Environmental Chemistry
- SPEA-V 262 Environment: Problems and Prospects

**Minor in Neuroscience (20 cr)**
This minor is jointly offered by the School of Natural Science and Math and the School of Humanities and Social Sciences. The minor in Neuroscience requires 20 hours of coursework.

**Course Requirements (20 cr)**

**Natural Science and Math Courses (11 cr)**
- PHSL-P 201 General Physiology I Lecture & Lab (5 cr)*
  or PHSL-P 215 Basic Human Physiology (5 cr)*
- BIOL-L 344 Addictions (3 cr)*
- BIOL-N 120 Topics In Biology (3 cr) VT: Biology Of Mental Illness

**Humanities and Social Sciences Courses (9 cr)**
- PSY-P 326 Behavioral Neuroscience (3 cr)*
- PSY-P 211 Meth Of Experimental Psychology (3 cr)*
- PSY-P 324 Abnormal Psychology (3 cr)*

* Courses have a prerequisite.

**Certificate of Applied Mathematics (15 cr)**
The Undergraduate Certificate in Applied Mathematics is a program consisting of 15 credit hours of undergraduate credit in Mathematics. The purpose of an Undergraduate Certificate in Applied Mathematics is to provide students with the opportunity to enhance their career with a strong background in applied mathematics and strengthen the credentials of students who wish to go to graduate school and job market.

The curriculum of the program consists of upper-level undergraduate applied and computational mathematics courses and goes beyond the level of Calculus I, II and III.

Today, there is a trend toward the use of modern sophisticated mathematical techniques of both computational and theoretical types to analyze experimental and big data sets in the field of engineering, economics, sciences as well as industry. In particular, the required applied mathematics courses provide students with a building block when they pursue deeper study or research at graduate school or job fields.

The Certificate consists of 15 credit hours in applied mathematics at the undergraduate level following the Calculus Sequence. For the purpose of this program, an undergraduate course is any MATH-M course at the 300 or 400-level.

**Core Required Courses (12 cr)**
- MATH-M 303 Linear Algebra for Undergraduates
- MATH-M 313 Elementary Differential Equations with Applications
- MATH-M 371 Elementary Computational Methods
- MATH-M 447 Mathematical Models and Applications I

**Elective Courses (3 cr)**
The remaining 3 credit hour must be selected from among the courses below.
- MATH-M 366 Elements of Statistical Inference
- MATH-M 448 Mathematical Models and Applications II
- MATH-M 463 Introduction to Probability Theory
- MATH-M 466 Introduction to Mathematical Statistics

Note that MATH-M 393 Bridge to Abstract Mathematics is a prerequisite for most 400 level classes. Unless the student has taken MATH-M 393 recently or is familiar with standard proof techniques, he or she will be required to take the class prior to enrolling in any of the 400 level courses.

**Admission Requirements**
- All students must have completed the courses in the Calculus sequence MATH-M 215, MATH-M 216, MATH-M 311, or its equivalent;
- In addition, transfer students must meet the general campus admissions standards as a degree seeking transfer student.

**Certificate in Laboratory Science (20 cr)**
The Certificate in Laboratory Science outlines a focused path of training for currently enrolled students and allows others with an interest in laboratory careers to acquire the needed skills with or without completing a degree. It is a faster way to obtain laboratory skills than traditional degree
programs. Students are trained in proper laboratory procedure, including safety, and use of specialized instruments, and may find employment opportunities in forensics, environmental compliance, quality control, and research laboratories.

Students seeking a Certificate in Laboratory Science will complete a sequence of biology and chemistry courses including general and organic chemistry and cellular biology. The certificate courses emphasize laboratory work and train students in basic laboratory methods and safety regulations, and the use, application and care of many different pieces of laboratory equipment. **Some courses require prerequisites.

**Course Requirements (20 cr)**

**Required Courses (12-14 cr)**
- BIOL-L 315 Cell Biology
- Choose one from:
  - CHEM-C 303 / 333 Environmental Chemistry & Lab
  - CHEM-C 341 / 343 Organic Chemistry I & Lab
- Choose one from:
  - BIOL-L 490 Laboratory Independent Study
  - BIOL-L 498 Laboratory Internship

**Elective Courses (6-8 cr)**
Choose 6-8 credits from the following to complete 20 credits:
- BIOL-L 314 Genetics
- BIOL-M 310/315 Microbiology with Laboratory
- CHEM-C 343 Organic Chemistry I
- CHEM-C 344 Organic Chemistry II
- CHEM-C 333 Environmental Chemistry Laboratory
- Laboratory Safety / OSHA Regulations

**Certificate of Pure Mathematics (15 cr)**

The Undergraduate Certificate in Pure Mathematics is a program consisting of 15 credit hours of undergraduate credit in Mathematics. The purpose of an Undergraduate Certificate in Pure Mathematics is to provide students with the opportunity to enhance their career with a strong background in pure mathematics and strengthen the credentials of students who wish to go to graduate school and job market. The curriculum of the program consists of upper-level undergraduate pure mathematics courses and goes beyond the level of Calculus I, II and III. In particular, the required pure mathematics courses provide students with a building block when they pursue deeper study at graduate school.

The Certificate consists of 15 credit hours in mathematics at the undergraduate level following the Calculus Sequence. For the purpose of this program, an undergraduate course is any MATH-M course at the 300 or 400-level.

**Core Required Courses (12 cr)**
- MATH-M 303 Linear Algebra for Undergraduates
- MATH-M 393 Bridge to Abstract Mathematics
- MATH-M 403 Introduction to Modern Algebra I
- MATH-M 413 Introduction to Analysis I

**Elective Courses (3 cr)**

The remaining 3 credit hours must be selected from among the courses below.
- MATH-M 313 Elementary Differential Equations with Applications
- MATH-M 404 Introduction to Modern Algebra II
- MATH-M 405 Number Theory
- MATH-M 414 Introduction to Analysis II
- MATH-M 415 Elementary Complex Variables
- MATH-M 421 Introduction to Topology
- MATH-M 463 Introduction to Probability Theory I

Note that MATH-M 393 (Bridge to Abstract Mathematics) is a prerequisite for most 400 level classes. Unless the student has taken M393 recently or is familiar with standard proof techniques, he or she will be required to take the class prior to enrolling in any of the 400 level courses.

**Admission Requirements**

- All students must have completed the courses in the Calculus sequence MATH-M 215, MATH-M 216, MATH-M 311, or its equivalent;
- In addition, transfer students must meet the general campus admissions standards as a degree seeking transfer student.

**Online Graduate Certificate in Mathematics (18 cr)**

The Graduate Certificate in Mathematics offers graduate level education in mathematics. The program is intended for students who wish to prepare for admission to graduate studies at another institution, or for holders of a Master’s degree in a discipline other than mathematics, who teach mathematics classes at the community college level. The program is also open to high school teachers who wish to obtain the qualification to teach Advanced Placement courses.

It should be noted that transfer of graduate credits to other institutions is not guaranteed. However, all credits of the Graduate Certificate in Mathematics articulate into Indiana
University East’s Master of Arts in Teaching, Mathematics (MAT). (The Graduate Certificate requirements are identical to the core requirements of the MAT) **Some courses require prerequisites.

Course Requirements

Students must take one course from each of the following five areas:

- Analysis (e.g., MATH-M 511, M 512, M 513, M 514)
- Algebra (e.g., MATH-M 501)
- Topology/Geometry (e.g., MATH-M 521, M 522)
- Applications (e.g., MATH-M 571)
- Probability/Statistics (e.g., MATH-M 563)

It should be noted that MATH-M 215 (Calculus I), MATH-M 216 (Calculus II), MATH-M 311 (Calculus III), MATH-M 393 (Bridge to Abstract Mathematics), MATH-M 303 (Linear Algebra), MATH-M 403 (Modern Algebra), and MATH-M 413 (Intro to Real Analysis) are prerequisites for most of these classes. Unless the student has taken MATH-M 393 recently or is familiar with standard proof techniques, he or she will be required to take this class prior to enrolling in any of the graduate-level classes. Some of the mathematics courses are also offered in an online format, which would be open to students of the graduate program.

COURSE DESCRIPTIONS

Astronomy

AST-A 100 The Solar System (3 cr)
Celestial sphere and constellations, measurement of time, astronomical instruments, earth as a planet, moon, eclipses, planets and their satellites, comets, meteors, theories of origin of solar system.

- Offered fall, spring, and summer semesters.
- Prerequisite: None

AST-A 105 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, external galaxies, expanding universe, cosmic time scale.

- Offered fall and spring semesters.
- Prerequisite: None

AST-A 150 Introductory Astronomy Lab (2 cr)
Computer simulations, workbook and planetarium exercises, telescopic observation. Backyard astronomy techniques with visual and small-telescope observations. Topics include celestial navigation, time keeping and celestial calendars, light pollution, observing planets, binary stars, star clusters, nebulae and galaxies.

- Lab fee required.
- Offered fall semester, typically 8 week course option.
- Prerequisite: None

Biology

BIOL-B 301 Introduction to the Plant Kingdom (4 cr)
Emphasis will be on structure and function of vegetative and reproductive plant parts, classification, evolutionary, and genetic relationships, and economic importance of plants throughout the plant kingdom.

- Lab fee required.
- Offered spring semesters.
- Prerequisites: BIOL-L 102

BIOL-L 101 Introduction to Biological Sciences I (4 cr)
Fundamental principles of biology for students considering a career in biological sciences. Principles of genetics, evolution, ecology, and diversity.

- May test out.
Offered fall, spring, and summer semesters.
Prerequisite: Proficiency in introductory algebra.

**BIOL-L 102 Introduction to Biological Sciences II (4 cr)**

Fundamental principles of biology for students considering a career in biological sciences. Cell structure and function, bioenergetics, and organismal morphology and physiology.

- Offered fall, spring, and summer semesters.
- Prerequisite: One year of high school biology and chemistry or BIOL-L 101.

**BIOL-L 108 Environment and Life (3 cr)**

Consideration of the interactions between humans and the other biological and physical components of the environment. Topics include ecological principles, biosphere, pollution, population, natural resources, conservation, toxicity, and disease.

- Lecture only.
- Cannot be used for the Biology major.
- Offered fall semesters.

**BIOL-L 150 Biology Seminar (1-3 cr)**

An exploration of a topic of current biological interest. Topics may vary with instructor.

- Open to non-science majors.
- Prerequisites: None

**Natural History of the Dinosaurs**

This course will cover some basic areas in dinosaur biology. We will start with the most basic (early) group of dinosaurs and move through time with dinosaur groups that descended from them. We will investigate when they lived and how they affected and were affected by the world they lived in. We will also investigate dinosaur behavior and explore the possibility of dinosaurs living among us.

- Offered: Periodically, Summer Semesters

**Neurobiology Lab**

This course serves as a prerequisite or corequisite lab for BIOL-N 120 – The Biology of Mental Illness or BIOL-L 344 – Biology of Addictions.

- Lab fee required.
- This is a 100% online class taught by IU East. No on-campus class meetings are required.
- Offered every semester.

**BIOL-L 211 Molecular Biology (3 cr)**

Structure and function of DNA and RNA. Topics include DNA replication, mutation, repair and gene expression, transcription, and translation. Introduces bacteriophages, plasmids, and the technology of recombinant DNA.

- Offered in fall semesters
- Prerequisite: BIOL-L 102
- Recommended prerequisite: One year of college chemistry

**BIOL-L 213 Molecular Biology Laboratory (1 cr)**

Accompanying laboratory for BIOL-L 211.

- Lab fee required.
- To be taken concurrently with BIOL-L 211 (lecture portion)
- Co-requisite: BIOL-L 211

**BIOL-L 303 Field Biology (3 cr)**

A course designed to acquaint you with the living organisms of an area and their interactions with the physical environment. The class will consist primarily of a period of intensive, extended field study in an area remote from the local campus.

- Orientation and evaluation sessions will be held prior to and following the field experience.
- Not distribution satisfying.
- May be repeated once for credit.
- Prerequisite: BIOL-L 102 (BIOL-L 325 suggested)
- Offered summer semesters.

**Tropical Exploration - Belize - Summer semesters, odd years**

Students taking this course will study the rainforest and its interesting inhabitants, explore Mayan Ruins, research mangroves, study the marine ecology of the coral reefs, and the culture of Belize.

**Mountain Exploration - Great Smoky Mountains - Summer semesters, even years**

This field course is designed to cover some basic areas of natural history and most of our time will be spent in the Great Smoky Mountains National Park. We will investigate some of the important relationships between plants and animals, the history of resource use within the park, and the ecological challenges it now faces.

**BIOL-L 314 Genetics (4 cr)**

Basic principles of classical, population, and molecular genetics with emphasis on gene transmission and expression, linkage and crossing-over, the nature of the hereditary material, and gene action and regulation. Attention to human and applied genetics.

- Lab fee required.
- Offered fall semesters.
• Prerequisite: BIOL-L 102 and one year of college chemistry

**BIOL-L 315 Cell Biology (4 cr)**

An introduction to the biology of the cell including the nature of the organization of the cell, enzyme function, cell environment, and cellular communication, membrane structure and function, cell metabolism, and the normal functions of cells.

- Lab fee required.
- Offered spring semesters.
- Prerequisite: BIOL-L 102 and one semester of college organic chemistry

**BIOL-L 318 Evolution (3 cr)**

Provides a rigorous 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 adaptation; molecular, behavioral, and social evolution; patterns of speciation, extinction, and their consequences; methods for inferring evolutionary relationships among organisms.

- Offered periodically in the spring semester.
- Prerequisite: BIOL-L 102

**BIOL-L 321 Principles of Immunology (3 cr)**

An introductory survey of the basic principles of immunology and their practical applications.

- Offered spring semesters.
- Prerequisite: BIOL-L 102 and one semester of college chemistry

**BIOL-L 325 Ecological Principles (4 cr)**

A course in the basic principles of ecology and their application. Students will study techniques used to evaluate habitat.

- Lab fee required.
- Offered fall semesters.
- Prerequisite: BIOL-L 102

**BIOL-L 333 Intro. to Environmental Science (3 cr)**

Study of the basic biological, chemical and geological principles that relate to current environmental issues with emphasis on mankind’s impact. Topics include ecological principles, population, resources, pollution and regulation. Required for a minor in Environmental Studies.

- Offered fall semester.
- Prerequisite: Junior standing; introductory biology, and an introductory course in either chemistry or geology.

**BIOL-L 340 Biological Basis of Sex Differences (3 cr)**

Biological mechanisms underlying sex differences in physiology, behavior, and evolution of sex roles. Emphasis is on the origin, implications, or general patterns of sex-related function across a variety of types of organisms, with special attention to the higher vertebrates; especially humans.

- Offered spring semesters.
- Prerequisite: BIOL-L 101 or BIOL-L 102

**BIOL-L 344 Biology of Addictions (3 cr)**

Lecture and studies based on the biological changes to the body and brain, associated with varying types and levels of addiction. Open to all majors.

- Offered every semester.
- Prerequisite: None.

**BIOL-L 376 Biology of Birds (3 cr)**

This course is designed to give you the skills necessary to identify birds in the field and to acquire a deeper understanding of these amazing animals. We will study aspects of their evolutionary history, structural modifications associated with flight, communication, reproductive behavior, and aspects of their ecology.

- Lab fee required.
- Offered summer semesters of the even years (e.g. 2014, 2016, etc.).
- Prerequisite: BIOL-L 101 or BIOL-L 102

**BIOL-L 391 Special Topics in Biology (3 cr)**

Study and analysis of selected biological issues and problems. Topics vary from semester to semester.

- May be repeated with change in topics.
- Offered fall, spring, and summer semesters.

**VT: BIOLOGY OF AMPHIBIANS & REPTILES (3 cr.)**

Lectures, laboratory, and field studies on reptiles and amphibians, including their classification, evolution, ecology, and methods of study.

- Offered periodically during summer semesters
- Prerequisite: BIOL-L 101 or BIOL-L 102

**VT: MARINE ECOLOGY (3 cr)**

Study and analysis of selected marine biological issues and problems.

- Open to all majors.
- Offered occasionally.
- Prerequisite: BIOL-L 102
BIOL-L 393 Hormones & Human Health I (3)

This course will study the cause, effect, and management of some common diseases and health conditions related to human hormones. Topics may include diseases associated with endocrine system, pregnancy and contraception, female urogenital system, sexually-transmitted diseases, adrenal medulla and cortex, depression and more.

- Offered periodically in fall semesters.
- Prerequisite: One semester of college level introductory biology

BIOL-L 394 Hormones & Human Health II (3)

This course will continue to study the cause, effect, and management of some common diseases and health conditions related to human hormones. Topics may include diseases associated with endocrine system, male urogenital system and prostate enlargement, sexually-transmitted diseases, obesity, Alzheimer’s and more.

- Offered periodically in spring semesters.
- Prerequisite: One semester of college level introductory biology

BIOL-L 403 Biology Seminar (1-3 cr)

Individual presentations of topics of current importance.

- May be repeated with change in topics for a maximum of four semesters.
- Not distribution satisfying.
- Offered periodically.
- Prerequisite: BIOL-L 101 or BIOL-L 102

BIOL-L 452 Capstone in Biology (0-1 cr)

An integrative experience for biology majors. Most students will complete a department administered comprehensive exam, although other options are possible with permission of the department capstone committee.

- Offered every semester.
- Prerequisite: Instructors approval required

BIOL-L 490 Individual Study (1-12 cr max)

- Not distribution satisfying.
- Prerequisite: Must have written permission of faculty member supervising research.

BIOL-L 498 Internship in Prof. Practice (1 to 6 cr)

Designed to provide an opportunity for students to receive credit for selected career-related work.

- Evaluation by employer and faculty sponsor.
- Offered fall, spring, and summer semesters.

BIOL-M 310 Microbiology (3 cr)

Application of fundamental biological principles to the study of microorganisms. Significance of microorganisms to humans and their environment.

- Offered in fall semesters.
- Prerequisite: BIOL-L 102 and one year of college chemistry.
- Corequisite: BIOL-M 315 (lab portion)

BIOL-M 315 Microbiology Laboratory (2 cr)

Exercises and demonstrations to yield proficiency in principles and techniques of cultivation and utilization of microorganisms under aseptic conditions.

- Offered in fall semesters with BIOL-M 310.
- Corequisite: BIOL-M 310 (lecture portion)

BIOL-N 120 Topics in Biology (3 cr)

Study and analysis of selected biological issues and problems. Topics may vary from semester to semester.

- May be repeated with a change in topics.
- Open to non-science majors.
- Offered every semester.
- Prerequisite: None

VT: The Biology of Mental Illness

Lecture and studies based on the biological changes to the body and brain, associated with varying types and levels of mental illness.

- Open to all majors.

VT: Biochemistry of Cooking

Cooking and grilling in the summer with fresh produce while incorporating different oils in your day to day menu. Learning the biochemical aspects of the food with which you cook.

- Offered summer semester, occasionally.

VT: Murder 101

This is an online course that investigates who, how, and why we murder. The course considers why we murder from biological and psychological perspectives. We will investigate how murder is portrayed in popular literature and film. Throughout the course, you will act as a detective and test the idea that “Murderers will try to recall the sequence of events, they will remember exactly what they did just before and just after. But they can never remember the actual moment of killing. This is why [they] will always leave a clue.” Peter Ackroyd

- Offered: Periodically.
**BIOL-N 212 Human Biology (3 cr)**

Study of structure and function of the human body providing a solid foundation in anatomy and physiology.

- Offered every semester, online only.
- Co-requisite: BIOL-N 213 (lab portion)
- Not open to Biology majors.

**BIOL-N 213 Human Biology Laboratory (1 cr)**

Accompanying laboratory for BIOL-N 212.

- Lab fee required.
- Offered every semester, online only.
- Corequisite: BIOL-N 212 (lecture portion)

**BIOL-Q 201 Biological Science for Elementary Teachers (3 cr)**

An introduction to the principles and practice of biology designed especially for prospective elementary education teachers. All major areas of biology will be considered, with a concluding emphasis upon the relations between various organisms and their environment.

- Enrollment is limited to majors in elementary education.
- Offered spring semester, and occasionally during summer semesters.
- Prerequisite: EDUC-Q 200

**BIOL-Z 217 Introduction to Developmental Biology (3 cr)**

Lecture and studies based on the analysis of developmental processes that lead to the construction of complex multicellular organisms from single cells. Topics may include comprehending development, differential gene expression in development, molecular techniques, cell-cell communication in development, specification and introducing cell commitment and early embryonic development, fertilization, early development in snails and nematodes, genetics of axis specification (Drosophila,) early development in sea urchins and tunicates, early development in vertebrates, stem cell concept / organogenesis, emergence of the ectoderm (CNS and epidermis,) neural crest cells and axonal specificity, paraxial and intermediate mesoderm, lateral plate mesoderm and the endoderm, development of the tetrapod limb, sex determination, postembryonic development, the saga of the germ line, and plant development.

- Open to all majors.
- Offered fall semesters, occasionally, online only.
- Prerequisite: BIOL-L 102

**BIOL-Z 301 Introduction to the Animal Kingdom (4 cr)**

Emphasis on structure, physiology, classification, and evolutionary relationships of animals including the major phyla of the animal kingdom.

- Lab fee required.
- Offered fall semesters.
- Prerequisite: BIOL-L 102

**BIOL-Z 373 Entomology (3 cr)**

The ecology, physiology, behavior, taxonomy and evolution of insects.

- Offered fall semesters, periodically.
- Prerequisite: BIOL-L 101 or BIOL-L 102

**BIOL-Z 460 Animal Behavior (3 cr)**

Introduction to the zoological study of animal behavior. Emphasizes both internal and external factors involved in the causation of species-typical behavior of animals in their natural environment.

- Offered spring semesters.
- Prerequisite: BIOL-L 102.

**BIOL-Z 468 Limnology (4 cr)**

A study of freshwater environments: their physical and chemical processes and the forms of life that inhabit them.

- Offered occasionally, summer semesters of the odd years (e.g. 2015, 2017, etc.)
- Prerequisite: BIOL-L 101 or BIOL-L 102; or permission from the instructor.

**Chemistry**

**CHEM-C 101 Elementary Chemistry I (3 cr)**

Introduction to chemistry; includes chemical and gas laws, atomic and molecular structure, energy, equilibrium, kinetics, states of matter, and applications in chemical processes. Usually taken concurrently with CHEM-C 121. Lectures and discussion.

- For non-science majors.
- Credit given for only one of the following: CHEM-C 100, CHEM-C 101, CHEM-C 105, or CHEM-S 105.
- Offered summer semesters, periodically.
- Prerequisites: None.
- Suggested corequisite: CHEM-C 121 (lab portion)
CHEM-C 105 Principles of Chemistry I (3 cr)

Basic principles including stoichiometry, thermochemistry, atomic and molecular structure, gases, solutions, and selected topics in descriptive chemistry.

- Credit given for only one of the following: CHEM-C 100, CHEM-C 101, CHEM-C 105, or CHEM-S 105.
- Offered fall and spring semesters.
- Prerequisites: Appropriate placement by academic advisor.
- Corequisites: CHEM-C 125 (lab portion)

CHEM-C 106 Principles of Chemistry II (3 cr)

An overview of the physical properties of matter, chemical kinetics, chemical equilibria (with emphasis on acids, bases, solubility), thermodynamics, and electrochemistry.

- Credit given for only one of the following: CHEM-C 106 or CHEM-C 102 or CHEM-S 106.
- Offered spring and summer semesters.
- Prerequisites: CHEM-C 105 and eligibility to take MATH-M 125.
- Corequisite: CHEM-C 126 (lab portion)

CHEM-C 121 Elementary Chemistry Laboratory I (2 cr)

An introduction to the techniques and reasoning of experimental chemistry.

- Credit given for only one of the following: CHEM-C 121, CHEM-C 125, or CHEM-S 125.
- Offered fall and summer semesters, periodically.
- Prerequisites: None
- Corequisite: CHEM-C 101

CHEM-C 125 Experimental Chemistry I (2 cr)

Introduction to laboratory experimentation with emphasis on the collection and use of experimental data and focusing on illustration of principles taught in CHEM-C 105, with a particular focus on chemical measurements, stoichiometry, and properties of solutions.

- Lab fee required.
- Credit given for only one of the following: CHEM-C 121, CHEM-C 125, or CHEM-S 125.
- Offered fall and spring semesters.
- Corequisite: CHEM-C 105 (lecture portion)

CHEM-C 126 Experimental Chemistry II (2 cr)

A continuation of CHEM-C 125, with experiments that focus on illustrating concepts involving gas laws, kinetics, acid-base chemistry and thermodynamics.

- Lab fee required.

CHEM-C 311 Analytical Chemistry (3 cr)

Elementary aspects of analytical chemistry including volumetric and gravimetric analysis, relevant acid-base and other types of equilibria, and elements of instrumental and spectroscopic techniques used in chemistry, as well as statistical treatment of experimental data and errors.

- Offered periodically.
- Prerequisites: CHEM-C 106/126

CHEM-C 341 Organic Chemistry I Lecture (3 cr)

Chemistry of carbon compounds. Nomenclature, qualitative theory of valence; structure and reactions. Syntheses and reactions of major classes of monofunctional compounds.

- Offered fall semesters.
- Prerequisite: CHEM-C 105 and CHEM-C 106
- Corequisite: CHEM-C 343 (lab portion)

CHEM-C 342 Organic Chemistry II Lecture (3 cr)

Syntheses and reactions of polyfunctional compounds, natural and industrial products; physical and chemical methods of identification.

- Offered spring semesters.
- Prerequisite: CHEM-C 341
- Corequisite: CHEM-C 344 (lab portion)

CHEM-C 343 Organic Chemistry I Laboratory (2 cr)

Laboratory instruction in the fundamental techniques of organic chemistry and the use of general synthetic methods.

- Lab fee required.
- Offered fall semesters.
- Corequisite: CHEM-C 341 (lecture portion)

CHEM-C 344 Organic Chemistry II Laboratory (2 cr)

Preparation, isolation, and identification of organic compounds; emphasis on modern research methods.

- Lab fee required.
- Offered spring semesters.
- Prerequisite: CHEM-C 341
- Corequisite: CHEM-C 342 (lecture portion)
CHEM-C 360 Introductory Physical Chemistry (3 cr)

An elementary overview of physical chemistry with a particular focus on applications to life sciences. Topics taught include thermodynamics and thermochemistry, chemical kinetics, and applications of quantum mechanics and spectroscopy to chemical systems of interest.

- Offered every fall semester
- Prerequisite: MATH-M 215 and CHEM-C 106

CHEM-C 390 Special Topic in Chemistry (1-5 cr)

Course content varies.

- May take course again as course topic changes.
- Offered occasionally
- Prerequisite: CHEM-C 106/126 or permission of instructor

CHEM-C 481 Physical Biochemistry (3 cr)

Physical chemistry of biological macromolecules; structure and conformation of proteins and nucleic acids; thermodynamics and kinetics of biochemical reactions.

- Offered occasionally
- Prerequisite: MATH-M215 and CHEM-C484 or BIOL-L315

CHEM-C 484 Biomolecules & Catabolism (3 cr)

This is the first semester of a two semester biochemistry course sequence. The course covers protein composition and structure, hemoglobin, basic concepts of enzymes, catalytic and regulatory strategies, carbohydrates, lipids, glycolysis, TCA cycle, oxidative phosphorylation, molecular motors, membrane channels and pumps.

- Offered fall semesters.
- Prerequisite: One year of college level organic chemistry (CHEM-C 341 and CHEM-C 342)

CHEM-C 485 Biosynthesis & Physiology (3 cr)

This is the second semester of a two-semester biochemistry course sequence. The course covers signal transduction pathways, photosynthesis, pentose phosphate pathway, glycogen metabolism, fatty acid metabolism, protein turnover and amino acid catabolism, biosynthesis of amino acids, nucleotides, and membrane lipids and steroids, integration of metabolism, sensory systems and drug development.

- Offered spring semesters.
- Prerequisite: CHEM-C 484

CHEM-C 486 Biological Chemistry Laboratory (3 cr)

Laboratory experience in biochemistry, including biomolecule isolation, purification, enzyme kinetics, and biomolecule characterization by electrophoresis, centrifugation, spectroscopic methods; and chromatography. Lab fee required.

- Offered spring semesters.
- Prerequisite: CHEM-C 484

CHEM-C 490 Individual Study (1-3 cr.; 10 cr. max.)

- Enrollment only after consultation with the course director and the undergraduate advisor.
- Cannot be substituted for any course required in a chemistry major.
- Not distribution satisfying.
- Offered periodically.
- Prerequisite: Permission of instructor

CHEM-N 100 Nutrition (4 cr)

Basic principles of general and organic chemistry, digestion, absorption and storage of various nutrients, food facts, and fallacies. Food habits, heart disease, obesity, cancer, and other consumer-oriented information. Food addiction, sociocultural and economic factors.

- Lab fee required.
- Offered every semester.

Earth Sciences

GEOL-G 108 Selected Earth Science Topics (3 cr)

Selected topics of general interest in earth science.

- Open to all majors.

VT: Indiana Geology

- Offered periodically, online.
- Prerequisite: None.

GEOL-G 111 Physical Geology (3 cr)

Basic concepts of geology. Formation of rocks, erosion and landscape evolution, plate tectonics, and interpretation of earth processes from geological data.

- Lab fee required.
- Offered fall, spring, and summer semesters.
GEOL-G 112 Historical Geology (3 cr)
Continuation of GEOL-G 111. Principles of interpreting earth history from geological data. Geologic time, biological evolution, plate tectonics, and ancient environments.
- Lab fee required. Offered periodically.
- Prerequisite: GEOL-G 111

GEOL-G 113 Directed Study in Earth Science (1-3 cr)
Intended primarily for elementary education students.
- Credit not given toward NSM distribution requirements.
- Lab fee required.
- Prerequisite / Corequisite: One course in Earth Science, or consent of instructor.

GEOL-G 210 Oceanography (3 cr)
Introduction to the study of the oceans and marine processes. Emphasis on morphology of the ocean floor, life in the ocean, oceanic circulation, and submarine geology.
- Offered periodically, spring semester.
- Prerequisite: One college level science course or permission of instructor

Mathematics

MATH-B 111 Mathematics for Business (3 cr)
With successful completion of this course, the student will have algebraic skills and tools that are used for problem-solving in the business professions and be prepared for MATH-M 118 (Finite Mathematics) and ECON-E 270 (Statistics). The college algebra topics will include, but not be limited to: solving equations, functions, and inequalities; solving systems of linear equations; graphing of equations and functions; interpreting graphs/tables/charts of equations and functions; performing algebraic operations on polynomial, rational, radical expressions in one/several variables; development of mathematical model from a word problem; application of these algebraic concepts and skills in business applications.
- Offered every Fall and Spring Semester.
- Offered summer semester, occasionally.
- Prerequisite: HS Algebra 2 or Skills Review Test.
- May use this course to FX a previously taken MATH-M 110.

MATH-E 111 Mathematics for Elementary Education (3 cr)
Designed for the elementary education student to develop skills in the use of numeration systems, number theory, set theory, logic, networks, systems of equations, and geometry. These skills will be useful in future teaching assignments and for passing the State of Indiana Praxis exam. The purpose of Math-E 111 is to provide the students with knowledge of the concepts, theories, and procedures in the mentioned areas. Offered every Fall and Spring semester.
- Credit given only for one: MATH-H 111, MATH-E 111, MATH-S 111, MATH-M 123 or MATH-M 110
- Prerequisite: HS Algebra 2 or Skills Review Test.
- Open only to Elementary Education Majors

MATH-H 111 Mathematics for the Humanities (3 cr)
Designed for the humanities student to provide a variety of topics in mathematics, including, but not limited to: numeration systems; geometry; financial management; statistics; set theory. The course also provides a general, historical perspective of mathematics and development of practical application skills. Emphasis will be placed on mathematical modeling and solving word problems.
- Offered every Fall and Spring semester.
- Credit given only for one: MATH-H 111, MATH-E 111, MATH-S 111, MATH-M 123 or MATH-M 110
- As of Fall 2013 this course replaces MATH-M 110.
- Open to Humanities students only.

MATH-L 111 Mathematics Laboratory for Business, Social Science, Nursing (2 cr)
A mathematics laboratory course to be taken concurrently with MATH-B 111 or MATH-N 111. (See course description for MATH-B 111 or MATH-N 111.) Designed to prepare you for MATH-M 118 and statistics.
- Not distribution satisfying.
- Offered every Fall and Spring semester.
- Corequisite: MATH-B 111 or MATH-N 111.

MATH-N 111 Mathematics for Nursing (3 cr)
With successful completion of this course, the student will have algebraic skills and tools that are used for problem-solving in the nursing profession and be prepared for NURS-H355 (Data Analysis) and the nursing math test. The college algebra topics will include, but not be limited to the following: solving equations, functions, and inequalities;
solving systems of linear equations; graphing of equations and functions; interpreting graphs/tables/charts of equations and functions; solving direct/indirect variation and proportion equations; use of dimensional analysis; development of mathematical model from a word problem; application of these algebraic concepts and skills in nursing applications.

- Offered every Fall and Spring semester.
- Offered Summer semester, occasionally.
- Prerequisite: HS Algebra 2 or Skills Review Test.
- Credit given only for one: MATH-H 111, MATH-E 111, MATH-S 111, MATH-M 123 or MATH-M 110
- Open only to Nursing students

MATH-S 111 Mathematics for Social Sciences (3 cr)

Designed for the social science student to provide math skills in problem-solving and reasoning for application in social science professions. To develop problem-solving and reasoning skills, mathematics topics may include, but are not limited to: logic (statements and truth tables), algebra of equations and graphing, elementary statistics, set theory, and counting & probability. Emphasis will be placed on mathematical modeling and solving word problems.

- Offered every Fall and Spring semester.
- Prerequisite: HS Algebra II or Skills Review Test.
- Credit given only for one: MATH-H 111, MATH-E 111, MATH-S 111, MATH-M 123 or MATH-M 110
- Open only to Social Science students.

MATH-X 111 Topics in Mathematics for Non-Majors (1-3 cr)

Designed to provide a variety of topics in mathematics, including, but not limited to: geometry; financial management; statistics; set theory; voting methods; celestial navigation; math of ancient civilizations. The course also provides a general, historical perspective of mathematics and development of practical application skills. Emphasis will be placed on mathematical modeling and solving word problems.

- Offered periodically.
- Prerequisite: HS Algebra 2 or Skills Review Test.
- Credit given only for one: MATH-H 111, MATH-E 111, MATH-S 111, MATH-M 123 or MATH-M 110
- As of Fall 2016, this course replaces MATH-X 111, Math for Social Sciences.
- Open only to Social Science students.

MATH-M 118 Finite Mathematics (3 cr)

Set theory, linear systems, matrices and determinants, probability, and linear programming. Applications to problems from business and the social sciences.

- Offered every semester.
- Prerequisite: Appropriate placement on skills review or MATH-M 123

MATH-M 119 Brief Survey of Calculus I (3 cr)

An introduction to calculus primarily for students in business and the social sciences.

- Credit not given for both MATH-M 119 and MATH-M 215.
- Offered summer semesters.
- Prerequisite: Appropriate placement on skills review or MATH-M 125 Pre-calculus Mathematics.

MATH-M 120 Brief Survey of Calculus II (3 cr)

A continuation of MATH-M 119 covering topics in elementary differential equations, calculus of functions of several variables, and infinite series.

- Intended for non-physical science students.
- Credit not given for both MATH-M 216 and MATH-M 120.
- Offered periodically.
- Prerequisite: MATH-M 119

MATH-M 123 College Algebra (4 cr)

Designed to prepare you for MATH-M 125. Algebraic operations; polynomial, exponential, and logarithmic functions and their graphs; conic sections; systems of equations; and inequalities.

- Offered every semester.
- Prerequisite: Appropriate placement on skills exam

MATH-L 123 College Algebra Laboratory (2 cr)

Designed to prepare you for MATH-M 125. Laboratory component to be taken concurrently with MATH-M 123. (See course description above.)

- Not distribution satisfying.
- Offered every semester.
- Corequisite: MATH-M 123.
MATH-M 125 Pre-Calculus Mathematics (3 cr)
Designed to prepare you for MATH-M 215. Algebraic operations; polynomial, exponential, and logarithmic functions and their graphs; conic sections; systems of equations; and inequalities.
- Offered every semester.
- Prerequisite: Appropriate placement on skills exam, or MATH-M 123

MATH-M 126 Trigonometric Functions (2 cr)
Designed to prepare you for MATH-M 215. Trigonometric functions; identities. Graphs of trigonometric and inverse trigonometric functions.
- Offered every semester.
- Prerequisite: MATH-M 125 or equivalent (may be taken concurrently).

MATH-M 215 Analytic Geometry and Calculus I (5 cr)
Coordinates, functions, straight lines, limits, continuity, derivatives, definite integral, applications, circles, conics, techniques of integration, and infinite series.
- Credit not given for both MATH-M 119 and MATH-M 215, or MATH-M 120 and MATH-M 216.
- Offered every semester.
- Prerequisite: Appropriate placement on skills review or both MATH-M 125 and MATH-M 126.

MATH-M 216 Analytic Geometry & Calculus II (5 cr)
Coordinates, functions, straight lines, limits, continuity, derivatives, definite integral, applications, circles, conics, techniques of integration, and infinite series.
- Credit not given for both MATH-M 119 and MATH-M 215, or MATH-M 120 and MATH-M 216.
- Offered every semester.
- Prerequisite: MATH-M 215 or consent of instructor.

MATH-M 295 Readings and Research (1-3 cr)
Supervised problem solving.
- Offered periodically.
- Prerequisite: Permission of a member of the mathematics faculty, who will act as supervisor.

MATH-M 301 Applied Linear Algebra (3 cr)
- Computer used for applications.
- Credit not given for both MATH-M 301 and MATH-M 303.
- Offered periodically.
- Prerequisite: MATH-M 216 or consent of instructor.

MATH-M 303 Linear Algebra for Undergrads. (3 cr)
- Credit not given for both MATH-M 301 and MATH-M 303.
- Offered fall and spring semesters.
- Prerequisite: MATH-M 216 or consent of instructor.

MATH-M 311 Calculus III (3 cr)
Elementary geometry of 2, 3, and n-space, functions of several variables, partial differentiation, minimum and maximum problems, and multiple integration.
- Offered every semester.
- Prerequisite: MATH-M 216 or consent of instructor.

MATH-M 312 Calculus IV (3 cr)
- Offered periodically.
- Prerequisite: MATH-M 311 or consent of instructor.

MATH-M 313 Elementary Differential Equations with Applications (3 cr)
Ordinary differential equations of first order and linear equations of higher order with applications, series solutions, operational methods, Laplace transforms, and numerical techniques.
- Offered summer semesters.
- Prerequisite: MATH-M 216 or consent of instructor.

MATH-M 366 Elements of Statistical Inference (3 cr)
• Offered fall and spring semesters.
• Prerequisite or corequisite: MATH-M 215.

MATH-M 371 Elem. Computational Methods (3 cr)
Interpolation and approximation of functions, solution of equations, numerical integration, and differentiation. Errors, convergence, and stability of the procedures. You will write and use programs applying numerical methods.
• Offered fall semesters.
• Prerequisite: MATH-M 215, or consent of instructor.

MATH-M 380 History of Mathematics (3 cr)
Brief study of the development of algebra and trigonometry; practical, demonstrative, and analytic geometry; calculus, famous problems, calculating devices; famous mathematicians in these fields and chronological outlines in comparison with outlines in the sciences, history, philosophy, and astronomy.
• Offered fall semesters.
• Prerequisite: MATH-M 215 or consent of instructor.

MATH-M 393 Bridge to Abstract Mathematics (3 cr)
Preparation for 400 level math courses. Teaches structures and strategies of proofs in a variety of mathematical settings: logic, sets, combinatorics, relations and functions and abstract algebra.
• Offered fall and spring semesters.

MATH-M 403 Introduction to Modern Algebra I (3 cr)
Study of groups, rings, fields (usually including Galois theory), with applications to linear transformations.
• Offered spring semesters.
• Prerequisite: MATH-M 301, MATH-M 303, MATH-M 391 or consent of instructor.

MATH-M 404 Introduction to Modern Algebra II (3 cr)
Study of groups, rings, fields (usually including Galois theory), with applications to linear transformations.
• Offered periodically in summer semesters.
• Prerequisite: MATH-M 403.

MATH-M 405 Number Theory (3 cr)
Numbers and their representation, divisibility and factorization, primes and their distribution, number theoretic functions, congruencies, primitive roots, diophantine equations, quadratic residues, and sums of squares.
• Offered summer semester.
• Prerequisite: MATH-M 216 or consent of instructor.

MATH-M 406 Topics in Mathematics (3 cr)
Selected topics in various areas of mathematics which are not covered by the standard courses.
• May be repeated for credit.
• Offered periodically.

MATH-M 413 Introduction to Analysis I (3 cr)
Modern theory of real number system, limits, functions, sequences and series, Riemann-Stieltjes integral, and special topics.
• Offered fall semesters.
• Prerequisite: MATH-M 301/M 303, and MATH-M 311, or consent of instructor.

MATH-M 414 Introduction to Analysis II (3 cr)
Modern theory of real number system, limits, functions, sequences and series, Riemann-Stieltjes integral, and special topics.
• Offered periodically.
• Prerequisite: MATH-M 413, or consent of instructor.

MATH-M 421 Introduction to Topology I (3 cr)
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.
• Offered periodically.
• Prerequisite: MATH-M 413

MATH-M 422 Introduction to Topology II (3 cr)
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.
• Offered periodically.
• Prerequisite: MATH-M 421
MATH-M 447 Math Models & Applications I (3 cr)
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.
- Offered fall semesters.
- Prerequisites: MATH-M 301 or MATH-M 303, MATH-M 311, MATH-M 360 or MATH-M 365, which may be taken concurrently or with consent of instructor.

MATH-M 448 Math Models & Applications II (3 cr)
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.
- Offered periodically in spring semesters.
- Prerequisites: MATH-M 447.

MATH-M 451 The Mathematics of Finance (3 cr)
Course covers probability theory, Brownian motion, Ito’s Lemma, stochastic differential equations, and dynamic hedging. These topics are applied to the Black-Scholes formula, the pricing of financial derivatives, and the term theory of interest rates.
- Offered periodically in the summer semester.
- Prerequisites: Calculus series (MATH-M 215, MATH-M 216, & MATH-M 311) and MATH-M 303

MATH-M 463 Introduction to Probability Theory I (3 cr)
The meaning of probability. Random experiments, conditional probability, independence. Random variables, expected values and standard deviations, moment generating functions, important discrete and continuous distributions. Poisson processes. Multivariate distributions, basic limit laws such as the central limit theorem.
- Offered periodically in spring semesters.
- Prerequisites: MATH-M 303 and MATH-M 311 or the consent of the instructor.

MATH-M 466 Introduction to Mathematical Statistics (3 cr)
Rigorous mathematical treatment of problems in sampling and statistical inference. Possible topics include sufficient statistics, exponential distributions, monotone likelihood ratio, most powerful tests, minimum variance estimates, shortest confidence intervals, linear models, maximum likelihood, simultaneous equations, the relationship of theory to practice.
- No regular offerings.
- Prerequisite: MATH-M 463 or consent of the instructor.

MATH-M 499 Senior Seminar (3 cr)
Students integrate their study of mathematics and explore the connections within fields of mathematics and other disciplines. Students usually create a portfolio that showcases their understanding of the areas of study within mathematics and their applications outside of mathematics. Alternatives may include internships or other projects, as approved by advisor.
- Offered every fall and spring semester.
- Prerequisite: Senior standing as a Mathematics Major.

MATH-J 497 Internship in Teaching Collegiate Mathematics (1-3 cr)
Designed to provide an opportunity for students to teach basic algebra and observe with discussion instructional techniques at the collegiate level in preparation for further career development in teaching at a post-secondary level.
- Prerequisite: Senior standing in Mathematics degree or Math Education degree; Consent of 2 math faculty; Minimum GPA 3.0.
- Additional requirement: Teaching of a college level mathematics class

MATH-T 321 Intuitive Topology (3 cr)
Intuitive description of topology, including networks and maps, topological equivalence, classification of surfaces, spheres with handles, Jordan curve theorem, transformations, and fixed-point theorems.
- Offered periodically.
- Prerequisite: MATH-M 216 or consent of instructor.

MATH-T 336 Topics in Euclidean Geometry (3 cr)
Axiom systems for the plane; the parallel postulate and non-Euclidean geometry; classical theorem. Geometric transformation theory; vectors and analytic geometry; convexity; theory of area and volume.
- Offered summer semesters, odd years.
- Prerequisite: MATH-M 216 or consent of instructor.
Microbiology

MICR-J 200 Microbiology & Immunology (3 cr)
Consideration of pathogenic bacteria, viruses, fungi, and parasites in human disease; immunology and host-defense mechanisms.
- Offered every semester.
- Prerequisite: BIOL-L 102

MICR-J 201 Microbiology & Immunology Lab. (1 cr)
- Lab fee required.
- Offered every semester.
- Prerequisite or corequisite: MICR-J 200

Physiology

PHSL-P 201 General Physiology 1 (5 cr)
Functional aspects of cells, tissues, organs, and systems in humans. Designed for pre-professional students in dental hygiene, radiography, and other allied health sciences.
- Lab fee required.
- Offered fall, spring, and summer semesters.
- Offered online only.

PHSL-P 215 Basic Human Physiology (5 cr)
Functional aspects of cells, tissues, organs, and systems in humans. Designed for pre-professional students in dental hygiene, radiography, and other allied health sciences. Meets requirement for completing required course work in anatomy and physiology for pre-nursing students who transfer to IU East with at least 5 credit hours of human anatomy and physiology from an approved school.
- Lab fee required.
- Offered spring semesters.
- Offered onsite only.

Physics

PHYS-P 104 Conceptual Physical Science (3 cr)
Introduces the fundamental concepts and principles of physical science (physics and chemistry), with limited use of algebra. Topics include motion, light, electricity, magnetism, states of matter, energy and chemical reactions. Intended for non-science majors and elementary education majors.
- Lab fee required.
- Cross-lists with PHYS-Q 202.
- Offered fall and spring semesters.
- This course is equivalent to PHYS-Q 202 but open to all non-science majors, as well as elementary education majors.
- Offered spring semesters, online.

PHYS-P 110 Energy (2 cr)
Basic concepts and issues related to energy production and consumption in everyday life.
- Credit not given for those with credit for PHYS-P 120.
- Offered fall semester.
- Prerequisite: One semester of college mathematics

PHYS-P 120 Energy and Technology (3 cr)
Basic concepts and issues related to energy production, consumption and conservation both as individuals and as society as a whole.
- Credit not given concurrently for PHYS-P 110 and PHYS-P 120.
- Offered periodically in summer sessions.
- Prerequisite: One semester of college mathematics

PHYS-P 201 General Physics I (5 cr)
Newtonian mechanics, wave motion, heat, and thermodynamics. Application of physical principles to related scientific disciplines including life sciences.
- Lab fee required.
- Offered fall and spring semesters.
- Honors option available.
- Prerequisite: MATH-M 126, or equivalent

PHYS-P 202 General Physics II (5 cr)
Electricity and magnetism, geometrical and physical optics, introduction to concepts of relativity, quantum theory, and atomic and nuclear physics. Application of physical principles to related scientific disciplines including life sciences.
- Lab fee required.
- Offered fall and spring semesters.
- Honors option available.
- Prerequisite: PHYS-P 201
PHYS-Q 202 Physical Science: Elem. Teachers (3 cr)
Part of an integrated sequence of science courses for elementary education majors. Introduction to physical science including such topics as motion, light, electricity, magnetism, states of matter, energy, and chemical reactions.
- Lab fee required.
- Not distribution satisfying.
- Cross-lists with PHYS-P 104.
- This course is equivalent to PHYS-P 104 which is open to all non-science majors, as well as elementary education majors.
- Offered summer semesters, periodically
- Prerequisite: EDUC-Q 200

Graduate-Level Courses

BIOC-B 500 Introductory Biochemistry (3 cr)
Structures of carbohydrates, proteins, lipids and nucleic acids. Basic principles of enzyme catalysis, protein synthesis, intermediary metabolism and nutrition.
- Offered in fall semesters.
- Open to Graduate-level students only.
- Prerequisite: One semester of college-level Organic Chemistry.

BIOC-B 501 Introduction to Research Laboratory (3 cr)
Course description pending.
- Offered in spring semesters.
- Open to Graduate-level students only.
- Prerequisite: BIOC-B 500

BIOL-L 510 Introduction to Research Laboratory (3 cr)
Course description pending.
- Lab fee applies.
- Offered onsite in Fall and Spring semesters.
- Open to Graduate-level students only.
- By permission only.
- Prerequisite: Bachelor’s degree in Biology or related area.

BIOL-L 567 Evolution (3 cr)
Course description pending.
- Offered in spring semesters.
- Open to Graduate-level students only.
- Prerequisite: Bachelor’s degree in Biology or related area.

BIOL-L 586 Cell Biology (3 cr)
Course description pending.
- Offered in spring semesters.
- Open to Graduate-level students only.
- Prerequisite: One semester of college-level Organic Chemistry.

MATH-J 597 Internship in Teaching Collegiate Mathematics (1-3 cr)
Designed to provide an opportunity for students to teach 100 and 200 level undergraduate math courses and observe with discussion instructional techniques at the collegiate level in preparation for further career development in teaching at a post-secondary level.
- Prerequisite: Open to MAT students only; Consent of 2 math faculty; Minimum GPA 3.0.
- Additional requirement: Teaching of a college level mathematics class

*MATH-M 403 Introduction to Modern Algebra I (3 cr)
Study of groups, rings, fields (usually including Galois theory), with applications to linear transformations. Offered spring semesters.
- Cross-listed as graduate-level course and requires additional course topics.
- Open to Graduate Level Students only.
- Prerequisite: MATH-M 301 or MATH-M 303, MATH-M 391 or consent of instructor.

*MATH-M 404 Introduction to Modern Algebra II (3 cr)
Study of groups, rings, fields (usually including Galois theory), with applications to linear transformations.
- Offered periodically in summer semesters.
- Cross-listed as graduate-level course and requires additional course topics.
- Open to Graduate-Level Students only.
- Prerequisite: MATH-M 301 or MATH-M 303, MATH-M 391 or consent of instructor.

*MATH-M 413 Introduction to Analysis I (3 cr)
Modern theory of real number system, limits, functions, sequences and series, Riemann-Stieltjes integral, and special topics.
- Offered fall semesters.
• Cross-listed as graduate-level course and requires additional course topics.
• Open to Graduate-Level Students only.
• Prerequisite: MATH-M 301/M 303, and MATH-M 311, or consent of instructor.

*MATH-M 414 Introduction to Analysis II (3 cr)
Modern theory of real number system, limits, functions, sequences and series, Riemann-Stieltjes integral, and special topics.
• Offered periodically.
• Cross-listed as graduate-level course and requires additional course topics.
• Open to Graduate-Level Students only.
• Prerequisite: MATH-M 413 or consent of instructor.

*MATH-M 421 Introduction to Topology I (3 cr)
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.
• Offered periodically.
• Cross-listed as graduate-level course and requires additional course topics.
• Open to Graduate-Level Students only.
• Prerequisite: MATH-M 413

*MATH-M 422 Introduction to Topology II (3 cr)
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.
• Offered periodically.
• Cross-listed as graduate-level course and requires additional course topics.
• Open to Graduate-Level Students only.
• Prerequisite: MATH-M 421

*MATH-M 447 Math Models & Applications I (3 cr)
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.
• Offered fall semesters.

*MATH-M 448 Math Models & Applications II (3 cr)
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.
• Offered periodically in spring semesters.
• Cross-listed as graduate-level course and requires additional course topics.
• Open to Graduate-Level Students only.
• Prerequisites: MATH-M 447.

*MATH-M 463 Introduction to Probability Theory I (3 cr)
The meaning of probability. Random experiments, conditional probability, independence. Random variables, expected values and standard deviations, moment generating functions, important discrete and continuous distributions. Poisson processes. Multivariate distributions, basic limit laws such as the central limit theorem.
• Offered periodically in spring semesters.
• Cross-listed as graduate-level course and requires additional course topics.
• Open to Graduate-Level Students only.
• Prerequisites: MATH-M 463 or consent of the instructor.

*MATH-M 466 Introduction to Mathematical Statistics (3 cr)
Rigorous mathematical treatment of problems in sampling and statistical inference. Possible topics include sufficient statistics, exponential distributions, monotone likelihood ratio, most powerful tests, minimum variance estimates, shortest confidence intervals, linear models, maximum likelihood, simultaneous equations, the relationship of theory to practice.
• No regular offerings.
• Cross-listed as graduate-level course and requires additional course topics.
• Open to Graduate Level Students only.
• Prerequisite: MATH-M 463 or consent of the instructor.
MATH-M 501 Survey of Algebra (3 cr)
- Prerequisite: MATH-M 403 and MATH-M 404
- Open to Graduate-Level Students only or Consent of Instructor

MATH-M 505 Basic Number Theory (3 cr)
Congruencies, units modulo n, lattices and abelian groups, quadratic residues, arithmetic functions, Diophantine equations, Farey fractions, continued fractions, partition function, the Sieve method, density of subsets of integers, c-function, the prime number theorem.
- Open to Graduate-Level Students only or Consent of Instructor

MATH-M 511 Real Variables 1 (3 cr)
Sets and functions, cardinal and ordinal numbers, set functions, kinds of measures, integration, absolute continuity, convergence theorems, differentiation and integration.
- Prerequisite: MATH-M 413 and MATH-M 414
- Open to Graduate-Level Students only or Consent of Instructor

MATH-M 512 Real Variables 2 (3 cr)
Normed linear spaces, function spaces, linear functionals, Banach spaces, Hilbert spaces, Fourier transforms, Schwartz class.
- Continuation of MATH-M 511.
- Prerequisite: MATH-M 511
- Open to Graduate-Level Students only or Consent of Instructor

MATH-M 521 Topology 1 (3 cr)
Point-set topology including connectedness, compactness, separation properties, products, quotients, metrization, function spaces.
- Prerequisite: MATH-M 413
- Open to Graduate-Level Students only or Consent of Instructor

MATH-M 522 Topology 2 (3 cr)
Elementary homotopy theory including fundamental group and covering spaces. Introduction to homology theory with applications such as the Brouwer Fixed Point theorem.
- Continuation of MATH-M 521.
- Prerequisite: MATH-M 521
- Open to Graduate-Level Students only or Consent of Instructor

MATH-M 551 Markets and Asset Pricing (3 cr)
The concept of arbitrage and risk-neutral pricing are introduced within the context of dynamical models of stock prices, bond prices and currency exchange rates. Specific models include multi-period binomial models, Markov processes, Brownian motion and martingales.
- Prerequisite: Calculus series (MATH-M 215, M 216, & M 311) and MATH-M 303
- Open to Graduate-Level Students only or Consent of Instructor

MATH-M 563 Theory of Probability I (3 cr)
Basic concepts of measure theory and integration, axiomatic foundations of probability theory, distribution functions and characteristic functions, infinitely divisible laws and the central limit problem.
- Prerequisite: MATH-M 413 and MATH-M 463
- Open to Graduate-Level Students only or Consent of Instructor

MATH-M 564 Theory of Probability II (3 cr)
Modes of convergence of sequences of random variables, ergodic theorems, Markov chains, and stochastic processes.
- Prerequisite: MATH-M 563
- Open to Graduate-Level Students only or Consent of Instructor

MATH-M 571 Analysis of Numerical Methods I (3 cr)
Solution of systems of linear equations, elimination and iterative methods, error analyses, eigenvalue problems.
- Prerequisite: MATH-M 413 - M 414 and MATH-M 447 - M 448
- Open to Graduate-Level Students only or Consent of Instructor

MATH-M 572 Analysis of Numerical Methods II (3 cr)
- Prerequisite: MATH-M 571
• Open to Graduate-Level Students only or Consent of Instructor

**MATH-T 590 Seminar for Mathematics Teachers (3 cr)**

A seminar course for students in the M.A.T. program. Emphasis on the interrelationship among mathematical topics, curriculum reform, professional growth, and classroom practice. Specific topic selected jointly with the instructor.

- Open only to M.A.T. students.

**PHSL-P 547 Topical Seminar in Physiology (3 cr)**

Discussion and review of current research and literature in physiology. Topic and instructor will change from semester to semester.

- Offered fall semester.
- Open to Graduate-level students only.
- Prerequisite: One semester of college-level Physiology

**ZOOL-Z 550 Immunochemistry and Immunobiology (2 cr)**

Course description pending.

- Offered in spring semesters.
- Open to Graduate-level students only.
- Prerequisite: Bachelor’s degree in Biology or related area.

**ZOOL-Z 573 Advanced Field Zoology (4 cr)**

This course will cover areas related to ecology – specifically in the areas of wildlife biology, wildlife management, and conservation biology. There will be some bias towards vertebrate and behavioral ecology since my research is centered in these areas. The topics we will be discussing overlap many areas of biology and incorporate some chemistry and physics as well. In addition, you will develop skills that will permit you to analyze and interpret data and, most importantly, formulate your own ideas.

- Offered fall semester.
- Open to Graduate-level students only.
- Prerequisite: Bachelor’s degree in Biology or related area.

* No longer offered for graduate credit as of 01/16.
BSN, RN to BSN mobility option, and the MSN programs are accredited by the Accreditation Commission for Education in Nursing (ACEN). 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, phone 404-975-5000, acenursing.org. The BSN program is accredited by the Indiana State Board of Nursing. The RN to BSN mobility option at Good Samaritan Hospital is also accredited by the Ohio Board of Regents.

Policies and procedures specific to the School of Nursing may be found in the Nursing Student Handbook located on the School of Nursing website (iue.edu/nursing).

### DEGREE PROGRAMS

#### B.S. in Nursing (BSN) (120 cr)

**2017 Admission Requirements**

Students must submit a criminal background check and urine drug screen with their application. Applicants who have issues with the criminal background check and/or urine drug screen results may be ineligible for admission.

Undergraduate students are admitted to the School of Nursing as pre-nursing students. Admission to the BSN program requires a separate admission process. Application forms are available to students on the School of Nursing website by January 15 of every year for the following fall program admission. Graduate students are admitted directly into the School of Nursing.

Applications for admission to the BSN program are due March 1 of each year. Students applying to the BSN program must have a 2.7 cumulative grade point average and an admissions nursing grade point (courses required for the program) average of 3.0. Admission for the BSN program requires the completion of a minimum of 29 general education credits. Students must earn a minimum grade of C in the following courses (or their equivalent) by the second attempt:

- ENG-W 131 English Composition
- ENG-W 231 Professional Writing Skills (or approved second writing course)
- SPCH-S 121 Public Speaking
- PSY-P 103 Introduction to Psychology
- SOC-S 100 Introduction to Sociology
- BIOL-L 102 Introduction to Biological Science
- MATH-N 111 Mathematics for Nursing
- 3 credit hours Elective

### General Education (45 cr)

**Written Communication Competency (6 cr)**

- ENG-W 131 Elementary Composition I
- ENG-W 231 Professional Writing Skills (or approved second writing course)

**Speaking and Listening Competency (3 cr)**

- SPCH-S 121 Public Speaking

**Quantitative Reasoning (3-4 cr)**

- NURS-H 335 Data Analysis

**Natural Sciences Competency (5-6 cr)**

Choose one from:

- ANAT-P 215 Basic Human Anatomy
- PHSL-P 215 Human Physiology
- BIOL-L 102 Introduction to Biological Sciences
- MATH-N 111 Mathematics for Nursing

**Humanistic Artistic Competency (6 cr)**

Choose two from:

- General education core (6 credits)

**Social Behavioral Competency (6 cr)**

- PSY-P 103 Introduction to Psychology
- SOC-S 100 Introduction to Sociology

**General Elective (3 cr)**

**Additional Requirement (0-2)**

**First-Year Seminar (0-2 cr)**

Students entering the program with less than 12 credit hours of transferable credit are required to complete the First Year Seminar (UCOL-U 101).

### Nursing Course Requirements (75 cr)

**2017+ Curriculum**

- NURS-B 234 / 235 Promoting Healthy Populations
- NURS-B 244 / 245 Comprehensive Health Assessment
- NURS-B 253 Professionalism in Collaborative Practice
- NURS-B 260 Fundamentals of Nursing Practice
- NURS-L 230 Health Care Delivery Systems
• NURS-B 261 Pathophysiology and Pharmacology for Nursing Practice
• NURS-H 356 Clinical Nursing Care 1: Biophysical Process
• NURS-H 355 Data Analysis for Practice and Research
• NURS-R 375 Nursing Research and Evidence-Based Practice
• NURS-B 334 Transitional Care of Families and Populations
• NURS-H 360 Clinical Nursing Care 2: Interactive Processes
• NURS-H 371 Clinical Nursing Care 3: Adaptive Processes
• NURS-S 474 Applied Healthcare Ethics
• NURS-H 376 Clinical Nursing Care 4: Complex Processes
• NURS-L 430 Leadership in Healthcare Delivery Policy
• NURS-S 483 Clinical Nursing Practice Capstone
• NURS-S 488 Nursing Synthesis
• NURS-B 453 Inter Professional Practice
• NURS-B 444 Managing Health and Illness across Care Environments

Pre-2017 Curriculum
• NURS-B 230 Developmental Issues and Health
• NURS-B 232 Intro to the Discipline of Nursing Theory
• NURS-B 233 Health & Wellness
• NURS-B 244/245 Compr. Health Assessment & Practicum
• NURS-B 248/249 Science & Technology of Nursing / Practicum
• NURS-H 351/352 Alterations in Neuro-psychology Health with Practicum
• NURS-H 353/354 Alterations in Health I with Practicum
• NURS-H 361/362 Alterations in Health II with Practicum
• NURS-H 363/364 Development of Family & Child with Practicum
• NURS-H 365 Nursing Research
• NURS-S 470/471 Restorative Health: Multi-System Failures with Practicum
• NURS-S 472/473 Multi-Systems Approach to Health of the Community with Practicum
• NURS-S 481/482 Nursing Management with Practicum
• NURS-S 483 Clinical Nursing Practice Capstone
• NURS-S 484 Evidence Based Practice
• NURS-S 485 Growth & Empowerment

Electives (9 cr)

BSN students enrolled as of 2017 have 9 credit hours of electives. Six of those credit hours must be from the approved Humanistic Artistic Competency for the campus general education requirements. Three credit hours are considered open elective and can be from any area. The freshman seminar (UCOL-U 100 or HON-H 101) may be used to meet 2 of the 3 open elective credits.

RN to BSN Mobility Option

Students who have already graduated from an Associate Degree or Diploma Program in Nursing from a regionally accredited school and who hold licensure as a registered nurse (RN) are eligible to complete their BSN degree through the RN to BSN mobility option. Prior to admission to the RN to BSN mobility option, students are admitted to the School of Nursing and Health Sciences as a pre-RN to BSN nursing student.

Admission is selective and students seeking this option must complete the RN to BSN mobility option application for admission as well as a criminal background check and a urine drug screen. Applicants who have issues with the criminal background check and/or urine drug screen results may be ineligible for admission. Applicants must also have an unrestricted license in the state where clinical will be completed.

The RN to BSN mobility option is currently offered at Richmond, Lawrenceburg, Madison, and at Good Samaritan Hospital in Dayton, Ohio. An online option is available through a consortium agreement with the Schools of Nursing of Indiana University. Students applying for admission at the Richmond, Good Samaritan, Lawrenceburg, and Madison sites should submit the mobility option application by the admission date of August 1. Online students may apply once all general education courses are completed. Applications to the online option are accepted for each semester with a rolling admission date.

General Education & Additional Requirements (52 cr)

Students are expected to meet the campus general education requirement.

RN to BSN Course Requirements (68 cr)

• NURS-B 304 Health Policy
• NURS-B 331 Transition to Baccalaureate Nursing
• NURS-B 344 Comprehensive Nursing Health Assessment
• NURS-B 404 Professional Nursing Seminar II: Informatics
• NURS-H 355 Date Analysis in Clinical Practice and Health Care Research
• NURS-H 375 Nursing Research
• NURS-R 470 Clinical Baccalaureate Nursing Capstone
• NURS-S 474 Applied Health Care Ethic RN to BSN

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• NURS-S 475 Multi-System Approach to Health of Community
• NURS-S 487 Nursing Management: RN to BSN
• Nursing elective

At the completion of NURS-B 331, students automatically receive special credit (35 cr) for the following nursing courses.

• NURS-B 230 Developmental Issues and Health
• NURS-B 248/249 Science & Technology of Nursing/Practicum
• NURS-H 351/352 Alterations in Neuro-psychology Health / Practicum
• NURS-H 353/354 Alterations in Health I / Practicum
• NURS-H 361/362 Alterations in Health II / Practicum
• NURS-H 363/364 Developing Family & Child / Practicum
• NURS-S 470/471 Restorative Health: Multi-System Failures / Practicum

Bachelor of Science in Applied Health Sciences (120 cr)

The BSAHS degree is joint online degree program offered collectively by all five IU-managed regional campuses. The curriculum is available in an all-online format through the statewide BSAHS consortium.

The Bachelor of Science (BS) in Applied Health Sciences program is a 120 credit hour online program. The program is for individuals with an Associate of Science (A.S.) or Associate of Arts (A.A) degree, or who have completed at least 30 credit hours of coursework that can be applied toward the degree. Students with A.S or A.A degrees who enter the program will transfer in 60 – 64 credit hours from their degree. Students with associate degrees are expected to complete the degree in two academic years (four semesters). Full-time students entering with 30 credit hours are expected to complete in three years.

• The Online BSAHS is “student-centered,” appealing to a wide spectrum of traditional and non-traditional students who have an interest in a health sector career but do not wish pursue clinical degree programs.
• The program allows flexibility for students who are seeking to complete their degrees while meeting their responsibilities to their families and/or employers.
• The degree design offers health workers with previous college credit (including those with associate degrees) a convenient, high-quality option for completing a baccalaureate degree that students can pursue while working full- or part-time.
• The degree provides additional skills and training needed to advance within the student’s chosen profession. It is also appropriate for those who wish to find a new career in the health care field.

Academic Advising

Students with a declared major are advised in the academic unit on their home campus. To determine who your advisor is and how to contact them, see One.IU.

Admission Requirements

• Full admission to the regional campus from which you will receive the degree
• Minimum 2.0 GPA on a 4.0 grade scale

Course Requirements

Course requirements fall into four categories, and are defined by student learning outcomes.

General Education (varies by campus) 30 - 42 credit hours. Students must achieve the general education outcomes of the campus from which they will graduate.

BSAHS Core (required) (42 cr)

Students take courses that meet the following learning outcomes:

• Utilize problem-solving, critical thinking, and decision-making skills in a variety of health care settings and situations.
• Utilize effective leadership and management strategies in common health care delivery systems and environments.
• Apply evidence-based health care practices for optimum health outcomes.
• Demonstrate accountability within the legal and ethical parameters of the health care system.
• Integrate communication skills into professional roles.
• Utilize information technology in the delivery of health care.
• Explore the historical and contemporary social determinants of health that shape health status, health behavior, and health inequalities.

BSAHS Core Courses

• AHSC-H 301 Health Care Delivery and Leadership (6 cr)
• AHSC-H 330 Intercultural Health Communication (6 cr)
• AHSC-H 310 Health Policy, Ethics, and Legal Issues (6 cr)
• AHSC-H 360 Epidemiology/Biostatistics and Population Health (6 cr)
• AHSC-H 340 Research in the Health Sciences (3 cr)
• AHSC-H 320 Consumer Health (3 cr)
• AHSC-H 350 Economics of Health Care (3 cr)
• AHSC-H 370 Informatics (3 cr)
• AHSC-H 480 Grant Writing & Internship (6 cr)
BSAHS Track (one required) (18 cr)

Track 1: Community Health Educator
Coursework will provide instruction in the skills necessary to conduct general health and wellness assessments and the techniques of health education. Students majoring in the BSAHS with a concentration in the Community Health Educator track will be able to take the Certified Health Education Specialist Examination (CHES) offered by the National Commission for Health Education Credentialing. Becoming a CHES opens many more opportunities for students in public health.

Track 1 Courses
- AHSC-C 415 Community Health Assessment, Education, and Promotion (6 cr)
- AHSC-C 425 Program Assessment, Planning, Evaluation I (6 cr)
- AHSC-C 435 Program Assessment, Planning, and Evaluation II (6 cr)

Track 2: Health Administration
Coursework will provide instruction in health care organization, planning, budgeting and finance.

Track 2 Courses
- AHSC-A 440 Health Care Administration and Strategic Planning (6 cr)
- AHSC-A 420 Health Care Budgeting and Finance (6 cr)
- AHSC-A 430 Health Care Organization Supervision and Resource Management (6 cr)

Electives (to total 120 cr)
Students should choose electives that best support the BSAHS track they are pursuing, and in consultation with their academic advisor.

Master of Science in Nursing (39 - 42 cr)
The purpose of the Master of Science in Nursing is to prepare registered nurses with advanced practice nursing knowledge in the areas of nursing education and administration, and advanced practice as a family nurse practitioner. Nurses with this advanced knowledge and advanced practice will enhance health care for the community and impact the health care delivery system. Serving in education, leadership, practice and administrative roles will provide opportunities for enhanced health care delivery systems and ultimately improved health for citizens. Nurses with masters’ preparation are and will continue to be in strong demand. Health care is a growth industry. Continued regional growth in health care cannot be sustained without advancements in the level of nursing care.

The nurse administration track will enable you to function in advanced level management positions requiring an advanced nursing degree. Hospitals, clinics, surgery centers, extended care facilities, and nurse managed health centers as well as a multitude of community agencies are potential employers of advanced practice nurses.

The nurse education track will prepare you for faculty roles at universities and colleges, addressing the existing nationwide shortage of nurses and well-prepared nursing faculty. This track also prepares nurses to function as staff educators for various healthcare institutions and community health settings.

The Family Nurse Practitioner (FNP) track is to prepare nurses with advanced practice nursing skills. Advanced Practice Nurses are needed to meet the growing regional demand for health care, as well as to address critical shortages of primary care providers. These nurses will provide and enhance access to health care for the community, improving the delivery of health care in the regional area, and ultimately, the health of its citizens. They will also serve in leadership and administrative roles, and implement changes in the health care delivery system.

Admission Requirements
- Undergraduate GPA of 3.0 or higher on a 4.0 scale from an accredited nursing program (ACEN, CCNE, or CNEA).
- Valid, unrestricted RN license in the state where practicum will be completed.
- At least one year experience as a RN or currently working as a RN for nursing education and nursing administration.
- At least two years’ experience as a RN for FNP (or two years’ experience by the time the student would take the assessment course, F570 in semester three).
- Statistics grade (by transcript or current completion at IU East): Applicants need to have a grade of C or higher in a three credit, 300 level (or higher) class (or successfully complete prior to Research, R500 in semester four).
- Criminal background check.
- Urine Drug Screen.
- Statement of essential abilities.
- Submission of the following:
  - Personal statement (250-350 words).
  - Two references, may give email address via online application.
  - CV/Resume.

Admission to the master’s program requires approval by the faculty and is based on the applicant’s qualifications as evidenced by grade point average, essay, official transcripts, and references. Acceptance into the program is competitive. Applicants who have issues with the criminal background check and/or urine drug screen
results may be ineligible for admission. Students select a major area of study at the time they apply for admission to the MSN program. New cohorts are admitted each January (spring semester) of each year, summer and fall admissions on a part time basis for administration and education may be possible, potential applicants should contact the associate dean for nursing graduate programs. For more information about the MSN program, admission criteria, or the application process, please contact the School of Nursing & Health Sciences.

Nursing Education Curriculum (39 cr)

Core courses (18 cr)
- NURS-I 630 Introduction to Nursing Informatics
- NURS-N 502 Nursing Theory
- NURS-R 500 Nursing Research Methods
- NURS-N 504 Leadership for Advanced Practice Nursing
- NURS-Y 510 Advanced Practice Concepts I
- NURS-Y 520 Advanced Practice Concepts II

Nursing Education Courses (15 cr)
- NURS-T 615 Nursing Curriculum
- NURS-T 617 Evaluation in Nursing
- NURS-T 619 Computer Technologies for Nurse Educators
- NURS-T 670 Teaching for Nursing
- 1 (3 credit) Elective

Culminating Experience (6 cr)
- NURS-R 590 Scholarly Project/Research Study
- NURS-T 679 Nursing Education Practicum (approximately 112 hours)

Nursing Administration Curriculum (39 cr)

Core courses (18 cr)
- NURS-I 630 Introduction to Nursing Informatics
- NURS-N 502 Nursing Theory
- NURS-R 500 Nursing Research Methods
- NURS-R 504 Leadership for Advanced Practice Nursing
- NURS-Y 510 Advanced Practice Concepts I
- NURS-Y 520 Advanced Practice Concepts II

Nursing Administration Courses (15 cr)
- NURS-L 530 Legal Environment of Health Care
- NURS-L 574 Administrative Management in Nursing
- NURS-L 671 Financial Management
- 2 (6 credits) Electives

Culminating Experience (6 cr)
- NURS-L 579 Nursing Administration Practicum (approximately 112 hours)
- NURS-R 590 Scholarly Project/Research Study

Family Nurse Practitioner Curriculum (42 cr)

Core courses (9 cr)
- NURS-N 502 Nursing Theory
- NURS-R 500 Nursing Research Methods
- NURS-N 504 Leadership for Advanced Practice Nursing

FNP Courses (30 cr; all 3 credit courses except F578 is 6 credits)
- NURS-Y 515 Advanced Pathophysiology
- NURS-Y 612 Applied Pharmacology for Advanced Nursing Science
- NURS-Y 620 Advanced Primary Care and Office Management
- NURS-Y 535 Dynamics of Family Health Care
- NURS-F 570 Advanced Health Assessment Across the Lifespan
- NURS-F 580 Primary Care I Acute Illness Processes
- NURS-F 581 Primary Care II Acute and Chronic Stable Illnesses
- NURS-F 582 Primary Care III Chronic and Complex Illness Processes
- NURS-F 578 Primary Health Care of Families (375 clinical hours)

Culminating Experience (3 cr)
- NURS-R 590 Scholarly Project/Research Study

COURSE DESCRIPTIONS

Sophomore Level Courses (2017 +)

NURS-B 234 Promoting Healthy Populations (3 cr)
(Traditional, Accelerated). This course focuses on preventative health care and health promotion in individuals, families, and communities, considering the influence of culture and lifespan development. Using biophysical, environmental, sociocultural and economic determinants of health, students focus on improving health outcomes with individuals, families, and communities.
- Corequisite: NURS-B 235

NURS-B 235 Promoting Healthy Populations Practicum (2 cr. Clinical)
Students assess individuals, families, and communities, providing needed education, preventative services, and support. Students provide individual and population based
care in community based settings, giving consideration to the perspective of those being served.

• Corequisite: NURS-B 234

NURS-B 244 Comprehensive Health Assessment (3 cr)

P/C: Anatomy, Physiology, or Microbiology; C: B245. (Traditional, Accelerated) 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. NURS-B 234/B235 Promoting Healthy Populations with Practicum

• Pre/Corequisite: Anatomy, Physiology, or Microbiology
• Corequisite: NURS-B 245, NURS-B 234, NURS-B 235

NURS-B 245 Comprehensive Health Assessment: Practicum (2 cr)

Students will have the opportunity to use techniques of interview, observation, percussion, palpation, inspection, and auscultation in assessing clients across the life span in simulated and actual environments.

• Pre/Corequisite: Anatomy, Physiology, or Microbiology
• Corequisite: NURS-B 245

NURS-B 253 Professionalism in Collaborative Practice (3 cr)

Students practice communication skills for working with health team members and clients, including self-awareness, interpersonal communication, team skills, and technological communication. Students are introduced to the scope and standards of nursing practice, roles of health team members, and components of professional practice. Students are introduced to leadership and ethical standards.

• Prerequisite: Placement in Nursing Program
• Corequisite: NURS-B 234/235, NURS-B 244/245

NURS-B 260 Fundamentals of Nursing Practice (3 cr. Didactic, 2 cr. clinical/lab).

This course focuses on the fundamentals of nursing from a theoretical, evidence base. Students will gain a knowledge base for, and have an opportunity to apply, fundamental nursing concepts, skills and the nursing process. The evidence based knowledge gained forms a basis for clinical reasoning and decision making as students develop their nursing skills.

• Prerequisite: Third semester nursing courses, Anatomy, Physiology
• Corequisite: NURS-B 261

NURS-L 230 Health Care Delivery Systems:

Students examine health care delivery systems, leadership, health policy, regulation and economics. Students explore quality practices of health care organizations. Students analyze the impact of informatics on health care and nursing including the electronic health record, information technology in healthcare, and information literacy.

• Prerequisite: Placement in Nursing Program
• Corequisite: Third semester nursing courses

NURS-B 261: Pathophysiology and Pharmacology for Nursing Practice

This course provides a foundation in the pathophysiology of key disease processes and pharmacological therapies. Principles of pathophysiology and pharmacology are presented in an integrated manner to provide a basis for study of selected medications that are used to treat or manage diseases with an application to nursing practice.

• Corequisite: NURS-B 260, and other 4th semester classes

Courses (2016 and earlier)

NURS-A 111 Nursing and Medical Terminology (1 cr)

This course is designed to enable the student to increase understanding of medical and nursing terminology through the analysis of Greek and Latin prefixes, suffixes, word roots, and combining terms.

NURS-B 230 Developmental Issues and Health (4 cr)

This course deals with perspectives of growth and development across the lifespan, family theories and family adaptation to common health problems, promoting health throughout the lifespan and usual patterns of aging. Students will make assessments and observations of individuals and families in various stages of growth and development.

NURS-B 232 Intro 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 you understand nursing’s unique contributions to meeting societal needs through integrating theory, research, and practice.

**NURS-B 233 Health & Wellness (3 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, and illness-prevention nursing interventions.

**NURS-B 244 Comprehensive Health Assessment: RN BSN (2 cr)**

This course focuses on the complete health assessment, the nursing process, and its relationship to the prevention and early detection of disease across the life span. Students learn the skills of interview, inspection/observation, palpation, percussion, and auscultation in assessing clients across the life span and comparing normal from abnormal findings.

**NURS-B 244 Comprehensive Health Assessment (2 cr)**

This course focuses on the complete health assessment, the nursing process, and its relationship to the prevention and early detection of disease across the life span. Students learn the skills of interview, inspection/observation, palpation, percussion, and auscultation in assessing clients across the life span and comparing normal from abnormal findings.

- Corequisite: NURS-B 245

**NURS-B 245 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 life span in simulated and actual environments.

- Corequisite: NURS-B 244 (2 cr)

**NURS-B 248 Science & 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.

- Corequisite: NURS-B 249

**NURS-B 249 Science & 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.

- Corequisite: NURS-B 248

**NURS-B 304 Professional Nursing Seminar I: Health Policy (3 cr)**

Social, ethical, cultural, economic, and political issues that affect the delivery of health and nursing services globally are critically analyzed. Government and entrepreneurial interests are examined. Emphasis is placed on the impact of policy decisions on professional nursing practice and health services.

**NURS-B 331 Transition to Baccalaureate Nursing: RN to BSN (3 cr)**

Note: this course must be taken in the first term for RN BSN Students. Course Description: This course addresses professional communication, inter/intra professional collaboration, and professional engagement to foster growth and development in nursing. This course also focuses on issues related to professional practice, theory, development and use, professional organization participation, service, continuing education, autonomy and accountability.

**NURS-B 344 Comprehensive Nursing Health Assessment: RN to BSN (3 cr)**

This course focuses on the complete health assessment, the nursing process, and its relationship to the prevention and early detection of disease across the life span. Students learn the skills of interview, inspection/observation, palpation, percussion, and auscultation in assessing clients across the life span and comparing normal from abnormal findings.

**NURS-B 403 Gerontological Nursing (3 cr)**

This course promotes a holistic approach to persons in the later years of life. Death and dying, legal and ethical issues, family care giving, and future challenges will be discussed in the context of best practices as outlined by the John A Hartford Foundation: Institute for Geriatric Nursing.
**NURS-B 404 Professional Nursing Seminar II: Informatics (3 cr)**

This course addresses nursing informatics: state of the science and issues for research, development, and practice. It clarifies concepts of nursing, technology, and information management; and comprises theory, practice, and the social and ethical issues in nursing and health care informatics.

**NURS-H 351 Alterations in Neuro-Psychological Health (3 cr)**

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.

- Offered fall and spring semesters.
- Prerequisite: All sophomore-level courses
- Corequisite: NURS-H 352

**NURS-H 352 Alterations in Neuro-Psychological Health: Practicum (2 cr)**

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.

- Offered fall and spring semesters.
- Prerequisite: All sophomore-level courses
- Corequisite: NURS-H 351

**NURS-H 353 Alterations in Health I (3 cr)**

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 interventions appropriate to health care needs.

- Prerequisite: All sophomore-level courses
- Corequisite: NURS-H 354

**NURS-H 354 Alternations in Health I: Practicum (2 cr)**

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.

- Prerequisite: All sophomore-level courses
- Corequisite: NURS-H 353

**NURS-H 355 Data Analysis in Clinical Practice and Health Care Research (3 cr)**

This course introduces nursing and other health sciences students to the basic concepts and techniques of data analysis needed in professional health-care practice. Principles of measurement, data summarization, and univariate and bivariate statistics are examined. Differences in types of qualitative data and methods by which these types of data can be interpreted are also explored. Emphasis is placed on the application of fundamental concepts to real-world situations in client care.

- Prerequisite: All 200-level courses or permission of instructor.

**NURS-H 361 Alterations in Health II (3 cr)**

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.

- Prerequisite: All sophomore-level courses, NURS-H 353, NURS-H 354
- Corequisite: NURS-H 362

**NURS-H 362 Alterations in Health II: The Practicum (2 cr)**

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.

- Prerequisite: All sophomore-level courses, NURS-H 353, NURS-H 354
- Corequisite: NURS-H 361

**NURS-H 363 The Developing Family & Child (4 cr)**

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.
NURS-H 364 The Developing Family & Child: The Practicum (2 cr)

Students will have the opportunity to work with childbearing and child-rearing families, including those experiencing alterations in health.

NURS-H 375 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.

- Prerequisite: All sophomore-level courses.

NURS-K 301 The Art and Science of Complementary Health (3 cr)

This course will serve as an introduction to a variety of complementary therapies, including healing touch, guided imagery, hypnosis, acupuncture, aromatherapy, reflexology, and massage. The class will critically examine each therapy through assigned readings, literature reviews, presentations, guest lecturers, and optional experiential activities.

NURS-K 305 New Innovations in Health and Health Care (3 cr)

This course explores emergent trends in health and health care, including technological advances in health care, developing approaches to care based on new knowledge and/or research findings, and trends in health care delivery in a themed, survey or independent study format.

NURS-K 434 Global Health Issues in Nursing (3 cr)

This course is designed to provide learning opportunities to acquire knowledge about global health issues, the diverse conditions that contribute to health and global health disparities, and an understanding of nursing’s role in addressing these health problems. Issues addressed include infectious and chronic illness, reproductive and women’s health issues, politics and public health policy, economics and health care, and health in conflict environments. Conceptual models and health equity concepts, evidence-based practice, and health care delivery systems are analyzed to explore strategies for addressing global health issues. Learning opportunities emphasize the knowledge and skills needed to use technology to investigate global health issues, advocate for health justice from a human rights perspective, and critically appraise global health issues.

NURS-K 499 Genetics and Genomics (3 cr)

This course introduces a basic knowledge of genetics in health care, including genetic variation and inheritance; ethical, legal, and social issues in genetic health care; genetic therapeutics; nursing roles; genetic basis of selected alterations to health across the life span; and cultural considerations in genetic health care are all considered.

NURS-P 345 Pharmacology RN to BSN (3 cr)

This course focuses on basic principles of pharmacology. It includes the pharmacologic properties of major drug classes and individual drugs, with an emphasis on the clinical application of drug therapy through the nursing process.

NURS-R 375 Nursing Research and Evidence-based Practice (3 cr)

This course focuses on nursing research and evidence-based practice. Students develop skills in retrieving and appraising literature relevant to clinical problems, understanding the research process, and critiquing evidence from research publications and other sources to inform evidence-based nursing practice.

- Prerequisite: PSY-K 300

NURS-R 470 Clinical Baccalaureate Nursing Capstone RN to BSN (3 cr)

This course allows students to synthesize knowledge and skills learned in the baccalaureate program and to demonstrate competencies consistent with program outcomes and to refine their nursing practice skills. Students will plan and organize learning experiences, design a project, and practice professional nursing in a safe and effective manner.

- Note: this course must be taken in the final term for RN BSN Students.

NURS-S 410 Emergency Preparedness and Disaster Response (3 cr)

This course focuses on the theoretical and practical perspectives of disaster response and emergency management for nursing professionals. Students will explore disaster/emergency response preparedness, leadership principles, decision-making, and recovery training measures for health care providers devoted to supporting community disaster resilience.
NURS-S 420 Care Coordination in Transitions of Care (3 cr)
Students will synthesize the knowledge and skills relevant to care coordination to ensure smooth care transition. Students will develop and understanding of the role of the RN as a member of an interprofessional team, as well as options for the most appropriate care setting for an individual patient.

NURS-S 470 Restorative Health Related to MultiSystem Failures (3 cr)
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.
- Prerequisite: All junior-level courses
- Corequisite: NURS-S 471

NURS-S 471 Restorative Health Related to MultiSystem Failures: The Practicum (2 cr)
Students will apply the nursing process to the care of clients experiencing acute multi-system alterations in health.
- Prerequisite: All junior-level courses
- Corequisite: NURS-S 470

NURS-S 472 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 economic issues in local and global communities, students will be able to determine effective interventions for community centered care.
- Prerequisite: All junior-level courses
- Corequisite: NURS-S 473

NURS-S 473 A Multi-System Approach to the Health of the Community: The Practicum (2 cr)
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.
- Prerequisite: All junior-level courses
- Corequisite: NURS-S 472

NURS-S 474 Applied Healthcare Ethics RN to BSN (3 cr)
Building on the ANA Code of Ethics for Nurses, this course explores the nurse’s role in ethical clinical practice, academic work, health policy, and research conduct, focusing particularly on the advocacy role of the nurse. Common ethical problems are discussed.

NURS-S 475 A Multi-System Approach to the Health of the Community RN to BSN (3 cr)
Basic epidemiological principles and community health nursing models are applied in collaboration with diverse groups. Disease prevention strategies are applied to individuals and populations to promote health. Students apply the concepts of community assessment, disease prevention, and health promotion to plan, implement, and evaluate interventions for populations in the community.

NURS-S 481 Nursing Management (2 cr)
This course focuses on the development 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.
- Prerequisite: All junior-level courses
- Corequisite: NURS-S 482

NURS-S 482 Nursing Management: The Practicum (3 cr)
Students will have the opportunity to apply professional management skills in a variety of nursing leadership roles.
- Prerequisite: All junior-level courses
- Corequisite: NURS-S 481

NURS-S 483 Clinical Nursing Practice Capstone (3 cr)
Students will have the opportunity to demonstrate competencies consistent with program outcomes and to refine your 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.
- Prerequisite: All junior-level courses
- Corequisite: NURS-S 482
NURS-S 484 Evidence Based Practice (1 cr)

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.

- Prerequisite: All junior-level courses
- Corequisite: NURS-S 483

NURS-S 485 Growth and Empowerment (3 cr)

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.

- Prerequisite: All junior-level courses
- Corequisite: NURS-S 470, S 471, S 472, S 473, S 481, S 482, S 483, S 484.

NURS-S487 Nursing Management: RN BSN (3 cr)

This course focuses on development of management skills assumed by professional nurses, including delegation of responsibilities, networking, and facilitation of groups, conflict resolution, leadership, case management, and collaboration. Concepts addressed include organizational structure, delivery systems, change, managing quality and performance, budgeting and resource allocation, staffing, scheduling, evaluation and career development.

NURS-Z 492 Elective in Nursing (1-6 cr)

Opportunity for the nurse to pursue independent study of topics in nursing under the guidance of a selected faculty member.

- Offered fall, spring and summer semesters.
- Prerequisite: Successful completion of junior level courses or permission of instructor.

Health Sciences

AHSC-H 301 Health Care Delivery and Leadership (6 cr)

(Taken in the student’s first semester of major). Health care is diverse and dynamic. In this course students examine the history and current functions of health services delivery systems in the United States. Focus is on the components, their interaction and internal / external controls. As a person in leadership roles of organizations, you will also discover how to effectively deliver health care services in hospitals, nursing homes, multi-specialty clinics, and home health care agencies. Students will examine how principles of effective leadership skills including organizational design, motivation, conflict management, teamwork, and strategic alliances are utilized in the ever-changing healthcare environment.

AHSC-H 310 Health Policy, Ethics, and Legal Issues (6 cr)

In this course, students are introduced to the concepts of health policy and policy analysis, health care ethics and contemporary ethical dilemmas, and legal issues related to health care and health care outcomes. Students will be exposed to leadership strategies for effecting changes in policy, and in resolving legal and ethical dilemmas that arise in health care. Emphasis is placed on application of knowledge to real and simulated case problems.

AHSC-H 320 Consumer Health (3 cr)

In this course, students are introduced to the ways consumers receive and use information to inform health practices and influence choices of health products, services, and providers. Concepts include health literacy and decision-making, internal and external influences on health care decisions and health outcomes, and effective health education. Exemplar health issues are discussed.

AHSC-H 330 Intercultural Health Communication (6 cr)

This course explores issues related to intercultural communication practices. It examines the important role of social, cultural, and historical context in human interactions related to health disparities. Students will explore the definition of health, wellness, and illness by various underrepresented groups. Students will be able to critically analyze how various groups are affected by illness, what effect this has on the community, and what health promotion specialists can do to address these concerns in a culturally and linguistically appropriate way.

AHSC-H 340 Research in the Health Sciences (3 cr)

This course is designed as an introduction to using the research process to address health science problems and the use of evidence as a foundation for practice. Critical analysis of research studies will be emphasized.

AHSC-H 350 Economics of Health Care (3 cr)

Economics of Health Care is a growing field and is an important aspect of public policy in developed and
developing countries. This course is designed to introduce undergraduate students to the field of Health Economics. The provision and production of health care have different characteristics and incentives from other consumer goods making health related markets a unique topic for study. You will cover a number of topics including basic economic concepts important for the study in health economics, why health is different from other good, aspects of the US health care market, health care in other countries, health care reform, as well as discussing the importance of health for development and some basic economic evaluation techniques.

**AHSC-H 360 Epidemiology/Biostatistics and Population Health (6 cr)**

In this course, students are provided an overview of the principles and practice of population health, epidemiology, and biostatistics. Students will be introduced to the basic terms and definitions of population health and the factors that lead to disease causation, as well as disease prevention. Students will explore and discuss the concepts of social justice, health disparities, determinants of health, culture, health systems, lifespan, and health promotion as they apply to groups of people, rather than to individuals. Through an introduction to epidemiologic terminology, methods, critical thinking, and basic analysis, students will be able to describe how disease is distributed within populations and communities.

**AHSC-H 370 Informatics (3 cr)**

In this course, students will explore the impact of meaningful data on health care systems. The concepts of converting data to information to knowledge in the national effort to create electronic health care records that provide privacy and security while ultimately improving patient outcomes will be discussed. Details on meaningful use in electronic health records, health care data analytics, health informatics exchange, quality improvement strategies, public health informatics, and health informatics ethics will be examined.

**AHSC-H 480 Grant Writing & Internship (6 cr)**

(Taken in the student’s last semester). This course is designed to assist the student in applying acquired knowledge and skills in appropriate professional settings. The internship focus of this course will provide students with a culminating project that demonstrates mastery of program competencies. The grant writing portion of the course will assist the student to gain introductory experience in the process of grantmanship.

**AHSC-C 415 Community Health Assessment, Education, and Promotion (6 cr)**

This is an introductory course with a focus on the discipline and profession of health education. Major concepts to be explored include health and wellness, determinants of health behavior, the nation’s health status and health promotion. Preparing an assessment and plan for health promotion for the student’s own community will be the culminating teaching-learning activity.

**AHSC-C 425 Program Assessment, Planning, Evaluation I (6 cr)**

This course examines individual, group, and community needs assessment strategies and how these strategies are used in conjunction with theory to develop program goals, objectives, and program evaluation mechanisms that address public health concerns through health education and health promotion programs.

**AHSC-C 435 Program Assessment, Planning, and Evaluation II (6 cr)**

This course examines the implementation and evaluation of health education and promotion programs, population health status, and health behavior initiatives. Effective strategies for developing, implementing, and evaluating program goals, objectives, and outcomes will be examined.

- Prerequisite: AHSC-C 425

**AHSC-A 420 Health Care Budgeting and Finance (6 cr)**

This course is designed as an introduction to healthcare finance. Basic concepts of healthcare finance and business including health care reimbursement, cost, pricing, planning, budgeting, financial operations, investment, cash flow, risk analysis, profit, financing, and financial condition assessment.

**AHSC-A 430 Health Care Organization Supervision and Resource Management (6 cr)**

This course is designed for those individuals with healthcare experience who are currently, or striving towards healthcare management positions. In addition, it will provide basic knowledge of many crucial aspects of healthcare organization and resource management that can be used as a foundation or course for graduates. Healthcare organizations supervision can differ from other sector management in that it is multifaceted especially in the area of generating revenue and reimbursement for services. Although it is a highly regulated industry, principle of creating a positive organization, the use of resources and management of those resources have
similarities to many non-healthcare related organizations. This course will discuss various pertinent topics involved in resource management which may include but may not be limited to the following: healthcare resource management overview, the healthcare marketplace, quality management within healthcare organizations, establishing benchmarks and organizational research methods, productivity and performance management, metrics in healthcare organizations, the basics of project management, supply chain management, purchasing and materials management, inventory management and best practices for healthcare organizational management.

AHSC-A 440 Health Care Administration and Strategic Planning (6 cr)

(P: ASCH-H 301) This course will build on concepts introduced in ASCH-H 301 Health Care Delivery and Leadership. In this course, students will explore issues related to management and planning in health care organizations. Management theory will be discussed as will concepts related to organizational culture, leading and motivating, planning, quality improvement, managing change, and conflict resolution. Emphasis will be placed on practical application of knowledge related to organizational planning.

- Prerequisite: ASCH-H 301

M.S.N. Courses

NURS-N 502 Nursing Theory (3 cr)

The focus of this course is on evaluating the factors and issues influencing the development of theory in nursing. Theoretical terminology and criteria for the evaluation of theories are examined. Linkages applied between theory, practice, and research is explored.

NURS-R 500 Nursing Research (3 cr)

This course provides a survey of research in nursing, including critique of research literature, research designs, sampling, data collection and measurement strategies, relation of research and theory, development of researchable problems, and theory utilization.

NURS-I 630 Introduction to Nursing Informatics (3 cr)

Introduction to the field of nursing informatics, current state of the science, major issues for research and development. Includes theoretical models of nursing informatics; nursing roles; information processing and data management; data acquisition and data representation; information system standards, system architecture, and networking; evaluation; and ethical/social issues in healthcare informatics.

NURS-Y 510 Advanced Practice Nursing Concepts I (3 cr)

Analyzes selected nursing concepts and related research with a focus on ethics, professional role development, human diversity and social issues as well as health promotion and disease prevention. Relationship of concepts to advanced practice models is explored.

NURS-Y 520 Advanced Practice Nursing Concepts II (3 cr)

Analyzes selected nursing concepts and related research with a focus on health care policy, organization of health care delivery systems, health care financing and health care economics. Relationship of concepts to advanced practice models is explored.

NURS-T 670 Teaching in Nursing (3 cr)

Seminar and guided experiences in teaching of nursing, including planning, developing, implementing and evaluating classroom and clinical instruction.

NURS-T 615 Curriculum in Nursing (3 cr)

This course is designed for persons who are or will be engaged in teaching within nursing education settings. The primary focus is the process of curriculum development; philosophical, social, political, economic, and professional issues that need to be considered in planning curricula, evaluating existing curricula, and changing curricula are examined.

NURS-T 617 Evaluation in Nursing (3 cr)

Integration of concepts of assessment and evaluation into a nursing framework. Students analyze assessment / evaluation concepts, models, and frameworks for applicability for students, faculty, curricula, and programs.

NURS-T 619 Computer Technologies for Nurse Educators (3 cr)

This course provides nurse educators an opportunity to acquire knowledge and skills for using computer technologies to support the teaching/learning process. Emphasis is given to theoretical frameworks that guide the selection, use, and integration of computer technologies in nursing education programs.
NURS-R 590 Nursing Study (3 cr)
A guided experience in identifying a researchable nursing problem and in developing and implementing a research proposal.

NURS-T 679 Nursing Education Practicum (3 cr)
A practicum experience designed for application, demonstration and synthesis of theory and competencies related to the role of nurse educator. Learning experiences are planned and negotiated to meet individual learning goals in the context of preceptor supervised experiences.

NURS-L 574 Administrative Management (3 cr)
Concepts, theories, perspectives, and research relevant to administration of nursing services. Emphasis on management principles and organizational processes related to patient care delivery systems. Examines contemporary literature in nursing and business.

NURS-N 504 Leadership for Advanced Practice Nursing (3 cr)
This course addresses competencies essential to influencing nursing practice and health care in complex systems and diverse social and physical environments.

NURS-L 671 Financial Management (3 cr)
Designed to acquaint nurses with budget preparation and fiscal management of a nursing unit or division. Methods of obtaining personnel input, estimating costs, and cost justification are analyzed in depth.

NURS-L 579 Nursing Administration Practicum (3 cr)
A practicum experience designed for synthesis of theory and practice. Agency observation and activities are independently planned. Includes group seminars. 15 clinical hrs./wk.

NURS-F 570 Advanced Health Assessment Across the Lifespan (3 cr)
This course enables students to develop advanced practice nursing skills in individual health assessment of infants, children, adults, and aging people. In addition, students develop skills in family and community assessment.

NURS-F 578 Primary Health Care of Families Clinical (6 cr: 2 didactic, 4 clinical for FNP majors)
Enables the FNP student to develop a practice base for clinical decision making in the assessment and management of health care of families. The course includes identification of health needs, nursing interventions for the prevention of illness, and health promotion.

NURS-F 580 Primary Care (PC) I: Acute Illness Processes (3 cr: 2 didactic, 1 clinical for FNP majors)
Theory-guided, evidence-based advanced nursing practice approaches to health promotion and common acute illness processes of individuals across the lifespan within primary care are examined. Individual health-illness processes are applied within the context of family and community.

NURS-F 581 Primary Care (PC) II: Acute & Stable Chronic Illness Processes (3 cr: 2 didactic, 1 clinical for FNP majors)
Theory-guided, evidence-based advanced nursing practice approaches to acute and stable chronic illness processes of individuals across the lifespan within primary care are examined with a focus on increasingly complex health problems. Individual health-illness processes are applied within the context of health promotion for the family and community.

NURS-F 582 Primary Care (PC) III: Chronic & Complex Illness Process (3 cr: 2 didactic, 1 clinical for FNP majors)
Theory-guided, evidence-based advanced nursing practice approaches to chronic and complex illnesses processes of individuals across the lifespan within primary care are examined. Individual health-illness processes are applied within the context of health promotion for the family and community.

NURS-Y 515 Advanced Pathophysiology (3 cr)
Provides advanced knowledge of pathophysiology as the foundation for nursing management in the health care of adults.

NURS-Y 535 Dynamics of Family Health Care (3 cr)
Provides students with opportunities to study families within the community context. Consideration is given to theories of family functioning and roles in family health
care, using family assessment tools and other nursing intervention strategies.

**NURS-Y 612 Applied Pharmacology for Advanced Nursing Science (3 cr)**

This guided online course focuses on pharmaceutics, pharmacokinetics, pharmacodynamics, pharmacoeconomics, and pharmacotherapeutic decision making for advanced practice nursing. This course builds on and advances understanding of anatomy, physiology, pathophysiology, physical assessment, microbiology, and pharmacology. Additionally, it emphasizes the history and foundational concepts related to pharmacotherapeutics, application of pharmacotherapeutic principles, and synthesis of pharmacotherapeutics for advanced practice nursing.

- Prerequisite: Admission to NP major or permission of instructor

**NURS-Y 620 Advanced Primary Care and Office Management (3 cr)**

This course introduces students to advanced practice concepts and procedures related to the care of clients in the primary care setting. In addition, students are introduced to documentation and professional relationship building skills necessary for advanced practice nurses (APNs) in the primary care setting.
Bachelor of Social Work (120 cr)

This BSW prepares students for entry-level generalist practice. It develops competence to exercise judgment and skill for intervention in practice with individuals, small groups, organizations, and communities. The BSW equips student with skills needed to work with people encountering problems related to personal or social circumstances.

General and Supportive Education Requirements (38 cr)

First-Year Seminar (2 cr)
Students entering the program with less than 12 credit hours of transferable credit are required to complete the First Year Seminar (UCOL-U 101).

English Composition (6 cr)
- ENG-W 131 Elementary Composition
- Choose one of the following:
  - ENG-W 132 Advanced Composition
  - ENG-W 231 Professional Writing
  - ENG-W 234 Technical Report Writing
  - ENG-W 270 Argument Writing

Natural Science & Math (9 cr)
- Choose one NSM course with a lab component.
- Choose one biological science course from:
  - BIOL-N 121 Human Biology
    - BIOL-N 213 Human Biology Lab
  - PHSL-P 261 Human Anatomy & Physiology
  - BIOL-L 340 Biological Sex Roles
  - BIOL-L 344 Biology of Addiction
  - PSY-P 326 Behavioral Neuroscience
  - BIOL-N 120 Topics in Mental Illness
- Choose one 100 level Math course.

Arts & Humanities (9 cr)
- HIST-H 106 American History II
- Humanities & Fine Art Elective
- Choose one:
  - SPCH-S 121 Public Speaking

Behavioral Social Sciences (12 cr)
- POLS-Y 103 Introduction to American Government
- SOC-S 100 Introduction to Sociology
- PSY-P 103 General Psychology
- One 300 level or above Psychology or Sociology course.

Social Work Requirements (52 cr)
- SWK-S 102 Understanding Diversity In a Pluralistic Society
- SWK-S 141 Introduction to Social Work
- SWK-S 221 Human Behavior & Social Environment I: Individual Functioning
- SWK-S 251 Emergence of Social Services
- SWK-S 322 Human Behavior & Social Environment II: Small Group Functioning
- SWK-S 331 Generalist Social Work Practice I: Theory & Skills
- SWK-S 332 Generalist Social Work Practice II: Theory & Skills
- SWK-S 352 Social Service Delivery Systems
- SWK-S 371 Social Work Research
- SWK-S 423 Org Theory & Practice
- SWK-S 433 Generalist Social Work Practice III: Theory & Skills
- SWK-S 442 Practice - Policy Seminar in Fields of Practice
- SWK-S 472 Practice Evaluation
- SWK-S 481 Social Work Practicum I
- SWK-S 482 Social Work Practicum II

Electives
Sufficient to bring total graduation hours to 120.

Master of Social Work (60 cr)

Indiana University East offers a part-time evening MSW program with an Advanced Generalist concentration. The program is designed as a cohort model with a new cohort admitted every three years. The first cohort started in 2008. The current cohort with graduate May 2017. IU East will begin accepting applications for the Fall 2017 cohort in January 2017.
The MSW degree is open to a wide range of undergraduate degree holders. Contact the Social Work Program Office at 765-973-8535 or visit the School of Social Work webpage: socialwork.iue.edu for details about admission requirements, pre-requisites, application due dates, advanced standing opportunities, and other questions you may have. If you prefer, email your questions to the director of the Social Work program.

**CERTIFICATES**

**Certificate in Alcohol & Drug Abuse Counseling (15 cr)**

The certificate in Alcohol & Drug Abuse Counseling provides a practice-oriented knowledge base by teaching theory, concepts, and applications. Students must earn a final grade of C or above in all required courses, to earn the certificate.

**Course Requirements**

- HSRV-H 202 Introduction to Alcohol and Drug Abuse (3 cr)
- HSRV-H 304 Basic Counseling Skills (SWK S331 for BSW students) (3 cr)
  - Prerequisite or Co-requisite: HSRV-H 202
- HSRV-H 302 Psychological Aspects of Alcohol & Drug Abuse (3 cr)
  - Prerequisite or Co-requisite: HSRV-H 202
- HSRV-H 323 Social Systems Aspects of Alcohol & Drug Abuse (3 cr)
  - Prerequisite or Co-requisite: HSRV-H 202
- HSRV-H 401 Treatment Seminar in Alcohol and Drug Abuse (3 cr)
  - Prerequisite: HSRV-H 202, H 302, H 304, and H 323
  - Only open to certificate students who have completed all other required HSRV courses.

**Certificate in Gerontology (12 cr)**

The Certificate in Gerontology provides a practice-oriented knowledge base including both concepts and applications.

**Course Requirements**

- HSRV-H 204 Introduction to Gerontology
- PSY-B 354 Adult Development & Aging
- HSRV-H 301 Service Needs of Older Adults
- HSRV-H 303 Counseling Needs of Older Adults

**COURSE DESCRIPTIONS**

**SWK-S 100 Understanding Diversity in a Pluralistic Society (3 cr)**

Theories and models to enhance understanding of our diverse society. Provides content about differences and similarities in experiences, needs, and beliefs of selected minority groups and their relation to majority groups.

- Pre- or Corequisite: ENG-W 131

**SWK-S 141 Introduction to Social Work (3 cr)**

Examination of characteristics, functions, and requirements of social work as a profession. Emphasis upon ideological perspectives of the profession and the nature of professional function and interaction.

- Pre- or Corequisite: ENG-W 131

**SWK-S 200 Special Topics in Human Services (3 cr)**

Study of selected topics in human services such as chronic mental illness, drug and alcohol abuse, gerontology, child welfare, case management.

**SWK-S 221 Human Behavior & Social Environment I: Individual Development and Functioning (3 cr)**

Understanding of human behavior with the environment as a basis for social work practice. Focuses on understanding the interaction between person and environment. Coverage of major theories of individual functioning, life cycle development, and family context. Exploration of inequality, discrimination, and differential access to opportunities.

- Prerequisite: PSY-P 103, SWK-S 141 or permission of instructor
- Pre- or Corequisite: SOC-S 100

**SWK-S 231 General Social Work Practice I: Theory / Skill (3 cr)**

Development of beginning understanding of generalist social work practice. Uses a range of perspectives including strengths, perspective, empowerment, and person-in-environment. Focuses on beginning phase of problemsolving process and related skills.

- Prerequisite: Admission to B.S.W. program
- Pre- or Corequisite: SWK-S 221
SWK-S 251 Emergence of Social Services (3 cr)
Examination of the evolution of social services in response to human needs and social problems, as related to economic, political, and social conditions.
- Prerequisite: SWK-S 141 or permission of instructor
- Pre- or Corequisite: HIST-H 106

SWK-S 280 Introduction to Field Experience (3 cr)
Introductory field experience for testing interest in Social Work.

SWK-S 300 Selected Topics in Social Work (3 cr)
Study of selected topics in Social Work.
- Prerequisite: Junior standing

SWK-S 322 Human Behavior & Social Environment II: Small Group Functioning (3 cr)
Examination of the significance of small group as context and means for social development of individuals and as agent of change in the social environment. Discussion of individuals as members of group, including family and organizations.
- Prerequisite: SWK-S 221

SWK-S 323 Human Behavior & Social Environment III: Community and Organizational Functioning (3 cr)
Theoretical and conceptual foundation of community and formal organizations, community research, institutional discrimination, distribution of community resources, and power and control as it relates to oppressed groups.
- Pre- or Corequisite: SWK-S 322 and ANTH-A 104

SWK-S 332 General Social Work Practice II: Theory / Skill (3 cr)
Examination of middle and ending phases of the problem solving process and related skills. Helping relationships with various client system sizes, impact of agency policies and procedures vis a vis clients’ problems, relationship between practice and research.
- Prerequisite: SWK-S 231, and admission to the B.S.W. program
- Corequisite: SWK-S 381

SWK-S 352 Social Service Delivery Systems (3 cr)
Policies, structures, and programs of service delivery systems at local, regional, and national levels. Emphasis on systems relationships and policy development process for beginning capacity in policy analysis and policy practice.
- Prerequisite: SWK-S 251, POLS-Y 103

SWK-S 371 Social Work Research (3 cr)
Examination of basic research methods in social work, the relevance of research for social work practice, and selection of knowledge for use in social work.
- Prerequisite: Junior standing

SWK-S 381 Social Work Practicum I (3 cr)
Guided field experience for application of generic practice concepts, principles, and development of basic practice skills.
- Prerequisite: SWK-S 231
- Corequisite: SWK-S 332

SWK-S 400 Practicum Seminar (1 cr)
Discussion of practice issues as experienced in SWK-S 482.
- Prerequisite All junior-level social work courses
- Corequisite: SWK-S 433, SWK-S 472, SWK-S 482

SWK-S 433 Generalist Social Work Practice III: Theory and Skills (3 cr)
Development of the ability to work differentially with selected situations and varied system sizes. It identifies clients’ needs as the primary factor influencing the choice of intervention.
- Prerequisite: All junior-level social work courses
- Corequisite: SWK-S 472, SWK-S 482

SWK-S 442 Practice-Policy Seminar in Fields of Practice (3 cr)
Addresses practice and policy issues in specific fields of practice, such as child and family, aging, addictions, and developmental disabilities.
- 2 courses required
- Prerequisite: All junior year courses, SWK-S 472, SWK-S 482, SWK-S 433

SWK-S 472 Practice Evaluation (3 cr)
Develop the knowledge and skills necessary to evaluate own practice with individuals, groups, communities, and organizations.
• Prerequisite: SWK-S 371 and all other junior-level social work courses
• Corequisite: SWK-S 433, SWK-S 482

**SWK-S 482 Social Work Practicum II (5 cr)**

Guided field experience for application of concepts and principles and development of skills for generalists practice with selected social systems.

• Prerequisite: All junior-level social work courses
• Corequisite: SWK-S 433, SWK-S 472