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Academic Policies

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 5-500, Chicago, Illinois 60604-1296. hlccommission.org or 1-800-621-7440

Academic Standards

Good Standing

The minimum standard for academic good standing at IU 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 Dean’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 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, a student must have an accumulated GPA of at least 3.70 for awarding academic honors to the graduating class, must have achieved at Indiana University, and must meet the requirements listed in the following:

• Distinction: GPA of 3.70 - 3.79

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 the 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 2,000 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.)
8:00-9:00, 9:00-10:00, 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 - 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 / week (1 x 155 - 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

Academics and Class Standing

At Indiana University East, fulltime part-time enrollment status is determined based on the number of credit hours per semester:

Undergraduate Students

• Full-time status = 12 or more credit hours
  • 3/4 time status = 9-11 credit hours
  • 1/2 time status = 6-8 credit hours
  • < 1/2 time = 1-3 credit hours

Graduate Students

• Full-time status = 8 or more credit hours
  • 3/4 time status = 6-7 credit hours
  • 1/2 time status = 4-5 credit hours
  • < 1/2 time = 1-3 credit hours

Class Standing

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

Class Standing  Credit Hours

Freshman  < 30
Sophomore  30 and < 60
Junior  60 and < 90
Senior  > 90

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
### Grading System Used
Faculty have the responsibility of evaluating a student’s performance in the courses they teach and assigning grades for these courses. Here are the five standard grades used and a non-standard grading policy.

#### Standard Letter Grading System

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0 (highest passing grade)</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>
</tbody>
</table>

#### Non-Standard Grading System

- **W**: Withdraw after the second week of classes.
- **D**: Deferred grade (for courses which may not be completed in one term).
- **F**: Final grade of F 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 F will be treated on the transcript in the same manner as the grade of F, F/N, and FGN grades may affect a student’s future eligibility for financial aid.
- **F/G** and **F/N**: FGN grades may affect a student’s future eligibility for financial aid.
- **NR**: Grade not yet submitted by instructor.

#### 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 OneIUE portal.

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

**Pass/Fail Option**

The option that permits students to determine whether or not to earn 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 advisor prior to submitting the P/F option request form. The school dean is responsible for determining the elective status 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 FGN 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.

#### 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.

#### 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 to 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.
the instructor of the course may provide that evidence that the student may also list evidence that will help to verify the account of an event. The instructor(s) must be supported by verifiable evidence. The distinction is apparent. Once the appeal has been entered in a student’s academic record, it may not be rescinded. The registrar at IU East shall forward petitions for grade replacement to the appropriate registrar and shall act as a liaison between the division of academic affairs and the Office of 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, may petition for grade replacement under this policy. However, replacement of grades earned at another IU campus is subject to the policies and procedures of 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 division of academic affairs and the Office of Academic Affairs Committee – establish a procedure consistent with this 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 are only available for undergraduate courses with fixed credit. Grades in courses with variable topic may not be replaced unless the faculty of the subject area determines that the two courses are equivalent. All grades with the same grade point average will be considered equivalent. The determination of equivalency is made by the faculty.

Academic Record
This policy only excludes certain grades from the calculation of the grade point average for Falla semester. Students who have completed a course that is not included in the GPA calculation. The provisions apply to undergraduate courses taken by students who are not in a graduate degree only. If a degree has been awarded, in no case may a grade be replaced for a course taken prior to the time that the student was admitted to the university in determining admissibility, academic standards, honors and graduation criteria.

Grading and/or Adding Courses
The procedure for dropping or adding classes depends 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
3. After the ninth week of classes

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 course, click “Create another request.” Follow the above steps to drop another course.
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.

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 (W2116) 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 processed by the Bursar (Student Accounts) for more information.

Drop Only form for each of their classes, they need to process a Total Withdrawal form, as well as separate Withdrawal form, as well as separate Drop Only form for each of their classes. These forms are available online.

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 processed by the Bursar (Student Accounts) for more information.

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:

Graduation Date Application Deadline
December 15 November 1
May 15 November 1
August 15 November 1

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.

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.

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):

- 100% fee refund 1st Day of Class
- 50% fee refund 2nd Day of Class
- 25% fee refund 3rd Day of Class
- 100% fee refund 1st Week of Class
- 50% fee refund 2nd Week of Class
- 25% fee refund 3rd Week of Class
- 100% fee refund 1st Week of Classes
- 50% fee refund 2nd Week of Classes
- 25% fee refund 3rd Week of Classes
- 100% fee refund 1st Week of Classes
- 50% fee refund 2nd Week of Classes
- 25% fee refund 3rd Week of Classes
- 100% fee refund 1st Week of Classes
- 50% fee refund 2nd Week of Classes
- 25% fee refund 3rd Week of Classes
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 a grade of C (2.0) or above is necessary in all English composition courses required for a degree. Students must complete ENG W 131 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 120 hours at the 200 level or above must be completed at Indiana University East. At least 15 hours of upper 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. Deans, Directors or Department Heads may apply their own criteria which can be given effect without the invalid provisions. The provisions of this policy which can be given effect without the invalid provisions. The invalidity shall not affect other provisions of this policy 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 typiajnally all applicable Statewide General Education Learning Outcomes should be assessed. Exceptions are possible, but require compelling reasons.

2. If the proposed course is housed in 16. General Information Indiana University East — 2016-17 Catalog 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), or 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.

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 appropriate 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 in 16. General Information Indiana University East — 2016-17 Catalog 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.

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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.

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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), or 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.

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A course can meet the requirement of a General Education Competency only if this course is formally approved for this purpose by the appropriate 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 in 16. General Information Indiana University East — 2016-17 Catalog 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), or 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.

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 appropriate Curriculum Committee. The Curriculum Committee shall develop a procedure for this approval process, subject to the
## Degree Programs, Certificates and Minors

### BUSINESS & ECONOMICS
- **B.S. Business Administration**
- **Accounting (CPA) Concentration**
- **Accounting (Managerial) Concentration**
- **Finance Concentration**
- **Management Information Systems Concentration**
- **Minor in Economics**
- **Minor in Entrepreneurship**
- **Certificate in International Business**
- **Minor in Financial Forensic Investigations**
- **Minor in Marketing**
- **Master of Science in Management**

### EDUCATION
- **B.S. in Elementary Education**
- **B.S. in Secondary Education**
  - Secondary English Major
  - Secondary Mathematics Major
  - Secondary Science Major
  - Secondary Social Studies Major
- **M.S. in Education**
- **Transition to Teaching Program**
- **Minor in Coaching**
- **Minor in Sports Marketing**
- **Minor in Physical Education**

### HUMANITIES & SOCIAL SCIENCES
- **B.A. Communication Studies**
- **B.S. Communication Studies**
- **B.A. Communication Studies (online)**
- **B.S. Communication Studies (online)**
- **B.S. in Criminal Justice**
- **B.S. in Criminal Justice (online)**
- **B.A. in English**
- **B.A. in English, Tech. and Prof. Writing (online)**

### NATURAL SCIENCE & MATHEMATICS
- **B.A. in Natural Science & Mathematics with a concentration in one area:**
  - Biology
  - Biochemistry
  - Mathematics
  - Interdisciplinary
- **B.S. in Biology**
- **B.S. in Mathematics**
- **M.A.T. Master of Arts in Teaching Mathematics**
- **Minor in Biology**
- **Minor in Chemistry**
- **Minor in Environmental Studies**
- **Minor in Neuroscience**
- **Certificate in Laboratory Science**
- **Bachelor of General Studies**

### NURSING
- **B.S. in Nursing**
- **RN to BSN Mobility Option**
- **Master's of Science in Nursing**

### SOCIAL WORK
- **Bachelor of Social Work**
- **Master of Social Work**
- **Certificate in Alcohol & Drug Abuse Counseling**
- **Certificate in Gerontology**

### INFORMATICS
- **B.S. in Informatics**
- **Bioinformatics Cognate**
- **Business Cognate**
- **Criminal Justice Cognate**
- **Enterprise Computing Cognate**
- **Information Systems Cognate**

### Marketing Cognate
- **New Media Cognate**
- **Web Technology Cognate**
- **Custom Designed Cognate**
- **Minor in Informatics**

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**Note:** The above list is a simplified representation of the degree programs, certificates, and minors available at Indiana University East for the 2016-17 academic year. For the most accurate and up-to-date information, please refer to the official Indiana University East catalog.
BUSINESS & ECONOMICS

BACHELOR OF APPLIED SCIENCE

By completing a BAS, you are supplementing your technical expertise with skills in supervision, communication, accounting and bookkeeping, and marketing—all skills that employers value in today’s competitive economy.

In order to be admitted to the Bachelor of Applied Science program, you must hold an Associate of Applied Science from a regionally accredited institution.

To graduate with the BAS, you must complete a total of 120 credit hours, broken down as follows:

General Education (30 - 42 cr)

Some will likely transfer in from your A.A.S.; you will complete the rest through IU East.

Applied Science Courses (48 - 51 cr)

These will all be transferred in from your A.A.S.

Core Courses (18 cr)

You will take all of these through IU East. To fulfill the requirements of the B.A.S. core, you take courses that prepare you to demonstrate knowledge and skills in:

  •  Accounting and Bookkeeping
  •  Economics
  •  Legal, ethical, social, and/or international topics
  •  Supervision
  •  Marketing
  •  Communication.

Track Courses (12 cr)

You will take all of these through IU East. As a B.A.S. student, you must choose from one of two tracks: health care and business.

Electives

(to reach a total of 120 credit hours for the degree program)

You take courses related to the track you choose. These include a capstone course that helps you integrate what you have learned.

B.A.S. Core Courses and B.A.S.-Track Courses

You fulfill all of the requirements for the B.A.S. core and the B.A.S. tracks with courses from Indiana University. Rather than choosing from a specific list of courses, you have the flexibility to choose from a range of courses that meet defined learning outcomes.

B.S. Business Administration (120 cr)

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

General Education (30 cr)

Written Communication Competency (6)

  •  ENG-W 131 Elementary Composition I
  •  Choose one additional course:
    •  ENG-W 231 Professional Writing Skills
    •  ENG-W 270 Argumentative Writing

Speaking & Listening Competency (3)

  •  SPCH-S 121 Public Speaking

Quantitative Reasoning & Natural Sciences Competencies (9)

MATH-M 118 Finite Mathematics
ECON-E 270 Intro. to Statistical Theory in Economics and Business

Humanistic Artistic Competency (6)

Must include two disciplines:

  (Only one studio course)
  •  Choose one Natural Science with lab:
    Chemistry, Physics, Earth Science, Astronomy, or Biology

Social Behavioral Competency (6)

Must include two disciplines

Additional Requirements (48-50 cr)

First-Year Seminar (0-2)

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

Lower Division Courses (5)

BUS-W 100 Intro to Business Administration
ECON-E 103 Intro to Macroeconomics
ECON-E 411 Intro to Microeconomics

Information Literacy (3)

CSCI-A 110 Intro to Computers & Computing

Business Administration Core (39 cr)

BUS-A 201 Intro to Financial Accounting
BUS-A 202 Intro to Managerial Accounting
BUS-L 203 Commercial Law I
BUS-J 404 Business and Society
BUS-Z 301 Organizational Behavior and Leadership
BUS-F 440 Personnel and Human Resource Management
BUS-D 301 International Business Management
BUS-W 311 New Venture Creation
IMM-1 300 Foundations and Principles of MIS
BUS-M 301 Marketing Management
BUS-P 301 Operations Management
BUS-F 301 Financial Management
BUS-J 401 Administrative Policy

Concentration (15-27 cr)

Students may select one of the following optional concentrations. Whether they opt to follow a concentration track or not, all students must take enough electives to reach 120 credit hours total. These electives 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 Individual Income Tax
BUS-A 339 Corporate Income Tax
BUS-A 422 Advanced Financial Accounting
BUS-A 424 Auditing and Assurance Services
BUS-A 437 Advanced Managerial Accounting
•  Choose 1 of the following four electives:
  •  BUS-A 355 Fund Accounting
  •  BUS-A 411 Accounting Information Systems
  •  BUS-A 414 Financial Statement Analysis
  •  BUS-A 437 Advanced Managerial 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 Individual Income Tax
BUS-A 437 Advanced Managerial Accounting
•  Choose 1 of the following seven electives:
  •  BUS-A 355 Fund Accounting
  •  BUS-A 339 Corporate Income Tax
  •  BUS-A 411 Accounting Information Systems
  •  BUS-A 414 Financial Statement Analysis
  •  BUS-A 424 Auditing and Assurance Services
  •  BUS-A 437 Advanced Financial Accounting

Finance Concentration (15 cr)

BUS-G 300 Introduction to Managerial Economics and Strategy
BUS-F 301 Intermediate Investments
BUS-F 420 Equity & Fixed Income Investment
BUS-F 494 International Finance
BUS-F 446 Bank & Financial Intermediation

Management Information Systems Concentration (26 cr)

INFO-I 210 Information Infrastructure I (4)
INFO-I 211 Information Infrastructure II (4)
CSCI-C 243 Introduction to Data Structures
INFO-I 308 Information Representation
IIM-I 380 Data Communication in MIS
BUS-S 310 System Analysis & Design
BUS-S 430 Electronic Commerce Strategic Analysis
INFO-I 320 Distributed Computing

Minor in Economics

Students must receive a “C” or better in all courses for this minor. (Available to non-business majors)

Course Requirements (18 cr)

MATH-M 118 Finite Mathematics
ECON-E 103 Introduction to Microeconomics
ECON-E 104 Introduction to Macroeconomics
ECON-E 270 Introduction to Statistical Theory in Economics and Business
BUS-G 300 Introduction to Managerial Economics and Business

Choose at least one upper division (300-400) Economics course or finance course.

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Minor in Entrepreneurship
This program will provide you with the basic skills needed to operate an efficient, competitive, and successful business. (Available to non-business majors)

Course Requirements (18 cr)
BUS-W 100 Introduction to Business Administration
BUS-A 201 Introduction to Accounting I
BUS-L 203 Commercial Law I
BUS-M 301 Intro. to Marketing Management (Must be a junior)
BUS-W 311 New Venture Creation (Prereq A201, L203, M301)
BUS-W 408 Practicum in Small Business (Prereq W311)

Certificate in International Business
The major objectives of this program are intended to provide you with a basic understanding of the international sector and to equip you for employment in international business.

Course Requirements (18 cr)
MATH-M 118 Finite Mathematics
BUS-D 301 The International Business Environment
BUS-M 401 International Marketing (requires M300, M301 or consent of instructor)
BUS-F 494 International Finance (requires F301)
ECON-E 430 International Economics

Minor in Sports Marketing and Management (HPER)
The Sports Marketing and Management Minor is jointly offered by the School of Business and the School of Education. Students wishing to attain the HPER Sports Marketing and Management Minor can find information regarding course requirements in the Health, Physical Education and Recreation (HPER) section.

Minor in Financial Forensic Investigations
This minor will prepare accounting students for possible careers in forensic accounting, forensic examinations, and fraud investigations. The minor will most likely appeal to students in CPA Accounting Concentration of the Business Administration degree as well. The credit hours needed to fulfill the 150 credit hour requirement for the Business Administration degree as they can use it to earn the additional credit hours needed to fulfill the 150 credit hour requirement to sit for the CPA exam.

Course Requirements (21 cr)
CJUS-P 100 Introduction to Criminal Justice
CJUS-P 320 Criminal Investigation
CJUS-P 376 Procedural Criminal Law
CJUS-P 457 Seminar in White Collar Crime
BUS-A 318 Fraud Examination**
BUS-A 350 Principles of Forensic Accounting**
BUS-A 465 Financial Investigations
** Requires BUS-A 201 Introduction to Financial Accounting as a prerequisite.

Minor in Marketing
Students must receive a “C” or better in all courses for this minor. Not open to business majors or to informatics majors with a marketing cognate.

Course Requirements (15 cr)
Choose one: BUS-M 306 Introduction to Marketing or BUS-M 301 Marketing Management
BUS-M 405 Consumer Behavior
Choose three (3) elective courses:
Three (3) additional BUS-M courses numbered 302 to 479
Or Two (2) additional BUS-M courses numbered 302 to 479 and one (1) class chosen from BUS-M 480 Professional Practice in Marketing, BUS-K 312 Decision Modeling, or BUS-W 408 Small Business Practicum

Master of Science in Management (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 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.

The IU East M.S. in Management 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. This will be accomplished through focused self-assessment, project-based learning and peer interaction.

Admission Requirements
The IU East Master’s 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. We are looking for individuals with at least two years of employment in either a management position or position leading to management. Our admissions process balances academic performance (undergraduate GPA), fits with 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. Cohorts begin every August. Application are accepted on an ongoing basis, however priority is given to applications received by June 1; applications from international students are required by March 1.

Application Packets will require:
1. Application Fee (this will be paid online during the online application process)
2. Resume (this will be submitted as an attachment to the online application)
3. Official Transcripts
4. Three Recommendation Forms, one from a recent employer (e-mail notices with instructions will automatically be sent to those indicated in the online application once the application is submitted)
5. Two Candidate Essays

What are some of the challenges an individual business owner faces? In what ways can a business balance profitability and being a productive community partner?

What are three critical characteristics of effective leadership, and why are these characteristics more important than others?

What is your career goal, and how does this program fit with your personal and career goals?

What are three critical characteristics of effective leadership, and why are these characteristics more important than others?

In what ways can a business balance profitability and being a productive community partner?

What are three critical characteristics of effective leadership, and why are these characteristics more important than others?

In what ways can a business balance profitability and being a productive community partner?
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In addition to the core requirements listed below, students must meet the following: 
• 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: 
• 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 you to be licensed to teach Kindergarten through 6th grade elementary education. You will also receive a minor in one of the following: Mild Intervention, Reading, Physical Education, Early Childhood Education or Math (offered through the School of Natural Science and Math.) These minors help prepare you to become certified in additional areas.

General Education Requirements (30 cr)

Composition & Communication (9)
ENG-W 131 Elementary Composition I
ENG-W 290 Writing for Teachers
SPCH-S 121 Public Speaking

College Level Mathematics (3)
MATH-E 111 Math for Elementary Education

Natural Science & Mathematics (6)
BIOL-Q 201 Biological Sciences
PHYS-Q 202 Physical Sciences

Humanities & Fine Arts (6)
Humanistic Artistic Elective
HIST
Choose one US History: HIST-H 105 or 106

Behavioral & Social Sciences (6)
GEOG-G 110 World Geography
EDUC-P 250 Psychology Applied to Teaching

Additional Requirements (18-20 cr)

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

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

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

Mathematics (3)
EDUC-N 102 Math for Teachers

Professional Education Requirements

The lab / field experience courses, including M201, M301, and M401, can (and must) be taken multiple times for credit.

Foundations (9)
EDUC-W 200 Using Computers in Education
HPER-P 290 Movement for Children
EDUC-205 Study for Education & Practice of Teaching
EDUC-M 201 Psychology Applied to Teaching: Lab / Field
EDUC-M 300 Teaching in a Pluralistic Society

Professional Education Courses (11)
EDUC-E 301 Emergent Literacy
EDUC-K 305 Teaching Exceptional Learners
EDUC-P 320 Assessment in the Classroom
EDUC-E 337 Classroom Learning Environment

Student Teaching Semester (12)
EDUC-M 425 Elementary Student Teaching
EDUC-M 420 Capstone Seminar

Elementary 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 Disability
EDUC-K 410 Intellectual Disabilities
EDUC-K 495 Lab Field Experience in Special Education

Reading
EDUC-X 406 Critical Reading in the Content Area
EDUC-L 343 Methods and Materials for ESL
EDUC-X 400 Diagnostic Reading
EDUC-L 400 Instructional Issues in Language Educ
EDUC-F 401 Summer Reading Clinic

Early Childhood Education (Tentatively effective spring 2014)
EDUC-E 335 Introduction to Early Childhood
EDUC-E 336 Play as Developmental
EDUC-E 351 Foundations of Early Care and Education II
EDUC-E 353 Foundations of Early Care and Education III
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 255 Structural Kinesiology
HPER-P 380 Basic Prevention and Care of Athletic Injuries
HPER-P 214 Basic Methods of Teaching Physical Education

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 School of Natural Sciences and Mathematics

Teacher Education Program (TEP): Secondary Admission to Undergraduate (B.S.) Program

To be admitted into the School of Education you will need to do the following:
• ENG-W 311 with a C or better
• SPCH-S 121 with a C or better
• Minimum of 24 credits
• Minimum cumulative GPA of 2.5

If you do not meet these standards you will be required to take additional course work in the deficient area, earning at least a B- or better.

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, two days after Summer II grades have been submitted.

Requirements for Admission to the TEP are:
• Cumulative GPA of 2.5 or better in each of the following courses: EDUC-M 300, EDUC-P 254, EDUC, K306, EDUC-F 203
• 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 Progress Interview

Requirements for Admission to Student Teaching
• Must have a 3.0 average in methods with no grade less than C in methods
• Satisfactory Completion of M401 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
• Student Teaching successfully completed
• Capstone successfully completed
• Application for Graduation submitted to the Student Records Office by the deadline

Requirement or Licensure
• Pearson 2 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 will license you for teaching in both Middle and High School in the selected content area. Students will need to choose one major from English, Math, Science, and Social Studies. General education requirements vary slightly from program to program.

General Education Requirements (30 cr)

Composition & Communication (9)
ENG-W 131 Elementary Composition I
English or Speech Elective
Choose one speech course (eg. SPCH-S121, CMCL-C223)

College Level Mathematics (3)
Choose at least one math course that meets IU East General Education Requirements.

Humanities & Fine Arts (6)
Choose 2 additional courses from: World Language, Music (no studio), Fine Arts (1 studio only), Journalism, Philosophy, Religious Studies, Theater

Natural Science & Mathematics (6)
Choose one science course with a lab. Science courses can be taken from Chemistry, Biology, Physics, Astronomy, Geology, or Anatomy & Physiology.
EDUC-Q 200: Introduction to Scientific Inquiry

Behavioral & Social Sciences (6)
Choose one course from the following areas: Anthropology, Economics, Social Geography, History, Political Science, Sociology, Psychology, Sociology
EDUC-P 254 Educational Psychology

Additional Requirements (0-2 cr)

First-Year Seminar (O-2)
Students entering the program with less than 12 credit hours of transferable credit are required to complete the First Year Seminar (UCOL-U 101).

Professional Education Requirements

The lab / field experience courses, including M201, M301, and M401 can (and must) be taken multiple times for credit.

Foundations (9)
EDUC-F 203 Inside the Adolescent Mind
EDUC-M 300 Teaching in a Pluralistic Society and M101
EDUC-K 306 Teaching students with Special Needs

Teacher Education Program (O)
Methods (13) [Must be admitted to TEP]
EDUC-M 314 Secondary General Methods

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Degrees — 20
Choose one major:

Secondary English Major

Writing (12)
- ENG-W 203 Creative Writing
- ENG-W 270 Argumentative Writing
- ENG-W 350 or other upper-level writing
- ENG-W 400 Issues in Teaching Writing

Literature (27)
- ENG-L 202 Literary Interpretation
- ENG-L 391 Adolescent Literature
- ENG-L 225 World Literature or other Multi-Cultural
- ENG-L ___ Multicultural Literature
- 2 American Literature courses from different eras
- 3 British Literature Courses from different eras

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

Media Studies (6)
- CMCL or SPCH course (see advisor)
- Choose 2 additional courses from one track of interest:
  - Creative Writing: ENG-W 301, 303, 311, 401, 403, 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 (4)
- 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)
- MATH-M 215 Calculus I
- MATH-M 216 Calculus II
- MATH-M 311 Calculus III

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

Probability & Statistics (3)
- MATH-K 300 Statistical Techniques
- MATH-M 366 Probability / Elements of Statistical

Geometry (3)
- MATH-T 336 Euclidean Geometry

Applied Mathematics (3)
- MATH-M 447 Math Models
- MATH-M 313 Differential Equations

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

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

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

Methods (4)
- EDUC-M457 & M401 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 / M126 Precalculus & Trigonometry
- CHEM-C 105 / 125 General Chemistry I & Lab
- CHEM-C 106 / 126 General Chemistry II & Lab
- PHYS-P 201 Intro to Physics I
- GEO-L 111 Physical Geology or one course in Astronomy (AST)
- BIOL-L 102 Introductory Biology Lectures II
- BIOL-L 325 Ecological Principles

Choose one:
- PLSC-B 301 Plant Biology
- ZOOL-Z 301 Intro to Animal Kingdom

- 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 102 Introductory Biology Lectures II
- GEO-L 111 Physical Geology or one course in Astronomy (AST)
- CHEM-C 105 / 125 General Chemistry I & Lab
- CHEM-C 106 / 126 General Chemistry II & Lab
- CHEM-C 341 / 343 Organic Chemistry I & Lab
- CHEM-C 342 / 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-C342 / C344 Organic Chemistry I & Lab
- CHEM-C342 / C344 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 (4)
- EDUC-M446 & M401 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 Courses
- Required courses:
  - POLS-Y 103 American Government
  - POLS-Y 105 Comparative Government
  - POLS-Y 212 Making Democracy Work
  - POLS-Y 324 Women and Politics
  - POLS-Y 345 Contemporary Revolutions

Choose 4 of these:
- POLS-Y 304 Constitutional Law I
- POLS-Y 305 Constitutional Law II
- 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
- POLS-Y 383
- POLS-Y 401

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

Economics
- MATH-M 118 Finite Mathematics
- ECON-E 103 Microeconomics
- ECON-E 104 Macroeconomics
- ECON-E 270 Intro to Statistical Theory in Econ & Business
- BUS-F 301 Financial Management
- BUS-F 260 Personal Finance

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 I
- POLS-Y 305 Constitutional Law II
- POLS-Y 307 Indiana Politics
- POLS-Y 308 Urban Politics
- POLS-Y 325 African American Politics
- POLS-Y 320 Judicial Politics

Choose one 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.

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 Semester (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-L 545 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.

Minor in Coaching (HPER)
This minor is open to any IU East student. Students must be in good academic standing.

Course Requirements (15) (Pending Approval)
• 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 P280
• HPER-P 433 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 P455.

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 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.

Electorcs
Select 2-4 credit hours from the following:
• Coaching of Football (2 cr)
• Coaching of Track and Field (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)

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)
• HPER-P 211, Introduction to Sports Management (5 cr)
• HPER-P 328, Issues in Intercollegiate Athletics
• BUEA-W 211, Business for Non-Business Majors (or BUEA-W 301)
• BUEA-W 202, Marketing for Non-Business Majors (or BUEA-M 301)
• BUEA-W 203, Financial Management Basics for Non-Business Majors (or BUEA-F 301)

Elecetives
• 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 Coaching (HPER)
This minor is open to any IU East student. Students must be in good academic standing.

Course Requirements (15) (Pending Approval)
• 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 P280
• HPER-P 433 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 P455.

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)
HUMANITIES & SOCIAL SCIENCES

In order to be admitted into the School of Humanities and Social Sciences, students must meet all 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.

B.A. Communication Studies (120 Credits)

General Education Requirements

Written Communication Competency (6 cr)

• 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 minimum cumulative GPA of 2.00 is required in major core and major elective courses. A passing grade is required in all courses. A minimum cumulative GPA of 2.00 (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.

B.S. Communication Studies (120 Credits)

General Education Requirements

Written Communication Competency (6 cr)

• CMCL-C 205 Intro. to Comm. & 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

• SPECH 303 Propaganda and Persuasion

Competency (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 394 Communication and Social Conflict

• 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 119 Intro to Public Relations

• JOUR-J 290 Journalism in Journalism

• SPCH-S 333 Social 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.

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.

Social-Behavioral Competency (6 cr)
Must include at least two different disciplines

Program Requirements
First-Year Seminar (0-2 cr)
UCOL U101 or HON H100
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. Credit for this course is based on a Tech area or by selecting any 4 courses from the list below. 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.

First-Year Seminar (0-2 cr)
UCOL U101 or HON H100
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. Credit for this course is based on a Tech area or by selecting any 4 courses from the list below. 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.

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.

Major Core (18 cr)
SPCH-S 122 Interpersonal Communication
JOUR-J 110 Foundations of Journalism and Mass Communication
CMCL-C 205 Intro. to Comm. & Culture
SPCH-S 303 Propaganda & Persuasion
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 C304 Communication and Social Conflict
CMCL C307 Health Communication
CMCL C380 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. Offers 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-J290 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.

Technical Competency Requirement (12 cr)
Students must fulfill the Technical requirement with a minor in a Tech area or by selecting any 4 courses from the list below in consultation with your advisor. The list may change as students progress through their major. 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 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 minimum cumulative GPA of 2.00 is required in major core and major elective courses.

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.

B.A. 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.

INFO-I 201 Math Foundation of Informatics
INFO-I 202 Social Informatics
INFO-I 210 Information Infrastructure
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.

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 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 minimum cumulative GPA of 2.00 is required in major core and major elective courses.

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.

B.A. 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.

INFO-I 201 Math Foundation of Informatics
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INFO-I 210 Information Infrastructure
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.

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 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 minimum cumulative GPA of 2.00 is required in major core and major elective courses.

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.

B.A. 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.

INFO-I 201 Math Foundation of Informatics
INFO-I 202 Social Informatics
INFO-I 210 Information Infrastructure
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.

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 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 minimum cumulative GPA of 2.00 is required in major core and major elective courses.

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.

B.A. 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.

INFO-I 201 Math Foundation of Informatics
INFO-I 202 Social Informatics
INFO-I 210 Information Infrastructure
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.
B.S. 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)
A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major.

Semester 1 (Spring)
CMCL-C205 Intro to Communication and Culture
SPCH-S122 Interpersonal Communication
JOUR-J110 Foundations of Journalism and Mass Communications
Technical Competency Course
Semester 2 (Summer)
Communication Elective(s) (300/400 level)

Semester 3 (Fall)
CMCL-C405 Communication Theories
CJSU-K300 or PSY-K300
Statistical Techniques
Specialized Core Course
Specialized Core Course
Semester 4 (Spring)
CMCL-C424 Communication Research Methods
CMCL-C490 Capstone in Communication and Culture
Communication Elective (300/400 level)
Technical Competency Course
Semester 5 (Summer)
Communication Elective (300/400 level)
Technical Competency Course
Semester 6 (Fall)

humanistic artistic competency (6 cr)

Must include at least two different disciplines.
This may include at most one studio course.
ENG-G205, ENG-G207, ENG-L202, ENG-L203,
ENG-L204, ENG-L205, ENG-L207, ENG-L208, ENG-L209,
ENG-L225, ENG-L250, ENG-L251, ENG-L258, ENG-L297,
ENG-L298, ENG-L299, ENG-W203, ENG-W280,
FINA-A101, FINA-A102, FINA-F100, FINA-F101,
FINA-H100, FINA-S250, FINA-S280, FREN-F100,
FREN-F150, FREN-F200, FREN-F250, GER-G100,
GER-G150, GER-G200, GER-G250, HIS-T244,
HIST-H105, HIST-H106, HIST-H108, HIST-H109,
HIST-H205, HIST-H216, HIST-H217, HIST-H225,
MUS-M174, MUS-M175, MUS-T101, MUS-T103,
MUS-Z201, PHIL-P100, PHIL-P105, PHIL-P120,
PHIL-P140, PHIL-P200, PHIL-P282, REL-R152,
REL-R160, REL-R220, SPAN-S100, SPAN-S150,
SPAN-S200, SPAN-S230, SPAN-S250, THTR-T210,
WOST-W201

Social-Behavioral Competency (6 cr)

Must include at least two different disciplines
ANTH-A103, ANTH-A104, CMCL-C122, CMCL-C205,
ECON-E103, ECON-E104, EDUC-P250, GEOG-G110,
INFO-D02, JOUR-J110, POLS-Y103, POLS-Y105,
POLS-Y107, POLS-Y109, POLS-Y122, PSY-P103, PSY-P211,
PSY-P216, SOC-S100, SOC-S215, SOC-S217, SOC-S230,
SWK-S102, SWK-S221, SWK-S251, WOST-W200

Program Requirements

First-Year Seminar (0-2)
UCOL-U101 or HON-H100

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)

Choose one:
• PHIL-P120 Ethics

Information Literacy (3) (needs to match heading format like “Ethics” above)

Choose one from:
• CSRF-A110 Intro to Computers & Computing

Information Technology (3) (needs to match heading format like “Ethics” above)

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.
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)
A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major.

Semester 1 (Fall)
CIJS-P 301 Police in Contemporary Society
CIJS-P 303 Corrections and Criminal Justice
CIJS-P 200 Theories and Crime and Deviance
Criminal Justice Elective
Elective MATH-S111 recommended, to prepare for CIJS-K300

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

Semester 3 (Fall)
CIJS-K 300 Statistics
CIJS-P 411 Criminal Justice Management
POLS-Y 304 Constitutional Law I (recommended) or Elective Criminal Justice Elective
Criminal Justice Elective
Diversity course (see advisor for approved list)

Senior Semester 2 (Spring)
CIJS-P 470 Senior Seminar in Criminal Justice
Elective
POLS-Y 305 Constitutional Rights & Liberties (recommended) or Elective (300/400 level)
Criminal Justice Elective
Elective

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, with at least 15 hours in the field of concentration must be completed at Indiana University East.

All students must complete a culminating writing experience in their major.

General Grade Requirement
No course with a grade below 2.0 (C) will be accepted in the major/concentration area.

A passing grade is required in all other courses. A minimum cumulative GPA of 2.0 (C) is required for all courses taken toward the 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.

B. A. in English (120 Credits)

General Education Requirements

Written Communication Competency (6 cr)
College Level Composition ENG-H140, ENG-W131
Second College Level Composition ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270

Speaking and Listening Competency (3 cr)
College Level Speech Communication SPCH-S121

Quantitative Reasoning Competency (3-4 cr)

Natural Sciences Competency (5-6 cr)
Must include at least one course with laboratory

Humanistic Artistic Competency (6 cr)
Must include at least two different disciplines.
This may include at most one studio course.

Social-Behavioral Competency (6 cr)
Must include at least two different disciplines

Program Requirements

First-Year Seminar (0-2 cr)
UCOL U101 or HON H100
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) (needs to match format of “First Year Seminar” above)
Choose one:
• PHIL-P120 Ethics or PHIL-P140 Introduction to Ethics

World Languages & Cultures Requirement (0-14)
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 prerequisite 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

Required 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.

Required
ENG-L 202 Literary Interpretation

Group: Backgrounds of British Literature to 1800 (3)
Choose one:
• ENG-L 306 Middle English Literature
• ENG-L 322 English Literature 1660 – 1789
• ENG-L 399 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)
Choose one:
• ENG-L351 American Literature 1800-1865
Concentration in Technical and Professional Courses may be repeated one time for credit

**ENG-W 321 Advanced Technical Writing – required course**

Eng-W 323 Digital Writing

Eng-W 324 Technical Editing

Select one:

Eng-G207 Grammar and Usage

Eng-W 230 Science Writing

**Electives**

Choose additional courses to reach 120 credit hours total.

**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**

No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.

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 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:

1. Application fee (this will be paid online during the online application process)
2. Resume (this will be submitted as an attachment to the online application)
3. Official transcripts (to be mailed to the attention of Margaret Thomas Evans)
4. 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)
5. Two Candidate Essays (to be emailed directly to Margaret Thomas Evans)

**BA 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.

**Writing Requirement**

No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.

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 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:

1. Application fee (this will be paid online during the online application process)
2. Resume (this will be submitted as an attachment to the online application)
3. Official transcripts (to be mailed to the attention of Margaret Thomas Evans)
4. 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)
5. Two Candidate Essays (to be emailed directly to Margaret Thomas Evans)

**BA 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.

**Writing Requirement**

No course with a grade below a 2.0 (C) will be accepted in the major/concentration area.

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.
Methods of Criticism and Research (4 cr)
An examination of how to closely analyze a text and use contemporary literary theory.

Capstone course:
ENG W609 Independent Writing Project (4 cr)
Enables students to develop 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
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-L666: Survey of Children’s Literature. A survey of literature written for children and adolescents from the medieval period to the present.
ENG-W507: Graduate Creative Nonfiction Writing

B.A. in Fine Arts (120 Credits)

General Education Requirement
College Level Composition
ENG-H140, ENG-W131

Secondary College Level Composition
ENG-W132, ENG-W230, ENG-W233, ENG-W270, ENG-W290

Speaking and Listening Competency (3 cr)
College Level Speech Communication SPCH-S121

Quantitative Reasoning Competency (3-4 cr)
ECON-E270, MATH-B111, MATH-E111, MATH-H111, MATH-K300, MATH-M118, MATH-M125, MATH-S111, MATH-S125, MATH-M216, NURS-H135, PSY-K300, CJUS-K300

Natural Sciences Competency (5-6 cr)
Must include at least one course with laboratory

Humanistic Artistic Competency (6 cr)
Must include at least two different disciplines. This may include at most one studio course.

General Education Requirement
Financial Aid

B.A. in Fine Arts (120 Credits)

General Education Requirement
College Level Composition
ENG-H140, ENG-W131

Secondary College Level Composition
ENG-W132, ENG-W230, ENG-W233, ENG-W270, ENG-W290

Speaking and Listening Competency (3 cr)
College Level Speech Communication SPCH-S121

Quantitative Reasoning Competency (3-4 cr)
ECON-E270, MATH-B111, MATH-E111, MATH-H111, MATH-K300, MATH-M118, MATH-M125, MATH-S111, MATH-S125, MATH-M216, NURS-H135, PSY-K300, CJUS-K300

Natural Sciences Competency (5-6 cr)
Must include at least one course with laboratory

Humanistic Artistic Competency (6 cr)
Must include at least two different disciplines. This may include at most one studio course.

General Education Requirement
Financial Aid
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, 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 15 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 area 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.

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
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.

B.A. History (120 Credits)

General Education Requirement
Written Communication Competency (6 cr)
College Level Composition
ENG-H140, ENG-W131

Second College Level Composition
ENG-W132, ENG-W230, ENG-W231, ENG-W233

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Degrees — 39
• 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.

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-H217 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-J395 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.

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 50 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.

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
No course with a grade below 2.0 (C) will be accepted in the major/concentration area. 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.

B.A. in Humanities (120 Credits)

General Education Requirement
Written Communication Competency (6 cr)
College Level Composition ENG-H140, ENG-W131
Second College Level Composition ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270, ENG-W290

Speaking and Listening Competency (3 cr)
College Level Speech Communication SPC-H121

Quantitative Reasoning Competency (3-4 cr)
CSU-K 300, ECON-E270, MATH-B111, MATH-H111, MATH-N111, MATH-K100, MATH-M118, MATH-M119, MATH-N123, MATH-M125, MATH-M126, MATH-M215, MATH-M216, MATH-S 11, MUS-I 155, PSY-K300

Natural Sciences Competency (5-6 cr)
Must include at least one course with laboratory.

Humanistic Artistic Competency (6 cr)
Must include at least two different disciplines.
This may include at most one studio course.

Capstone Project (3cr):
MUS-I 420 Music Concentration Capstone (3)
MUS-X 95 Performance Class (0) – 3 semesters, taken concurrently at Indiana University East.

MUS-T216 Sight-Singing and Aural Perception I (1) 100-level applied lessons (2)
*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-P110 Beginning Piano Class (2)
MUS-T101 Introduction to Music (3)
MUS-T113 Music Theory I (3)
MUS-T115 Sight-Singing and Aural Perception I (1)

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) – 3 semesters, taken concurrently at 300-level lessons
MUS-I 420 Music Concentration Capstone (3)

B.S. in Political Science (120 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)
Choose 12 credit hours from one of the Humanities disciplines

Secondary Disciplines (15)
Choose 6 credit hours in each of two different Humanities disciplines, and 3 hours elective credit in any Humanities discipline.

Senior Project (3)

Program Requirements*
MUS-P110 Beginning Piano Class (2)
MUS-T101 Introduction to Music (3)
MUS-T113 Music Theory I (3)
MUS-T115 Sight-Singing and Aural Perception I (1)

*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-T114 Music Theory II (3)
MUS-T116 Sight-Singing and Aural Perception II (1)
MUS-T213 Music Theory III (3)
MUS-T215 Sight-Singing and Aural Perception III (1)
MUS-T214 Music Theory IV (3)
MUS-T216 Sight-Singing and Aural Perception IV (1)

Music History (6cr):
MUS-M403 History of Music I (3)
MUS-M404 History of Music II (3)

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) – 3 semesters, taken concurrently at 300-level lessons

B.S. in Political Science (120 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)
Choose 12 credit hours from one of the Humanities disciplines

Secondary Disciplines (15)
Choose 6 credit hours in each of two different Humanities disciplines, and 3 hours elective credit in any Humanities discipline.

Senior Project (3)

Program Requirements*
MUS-P110 Beginning Piano Class (2)
MUS-T101 Introduction to Music (3)
MUS-T113 Music Theory I (3)
MUS-T115 Sight-Singing and Aural Perception I (1)

*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-T114 Music Theory II (3)
MUS-T116 Sight-Singing and Aural Perception II (1)
MUS-T213 Music Theory III (3)
MUS-T215 Sight-Singing and Aural Perception III (1)
MUS-T214 Music Theory IV (3)
MUS-T216 Sight-Singing and Aural Perception IV (1)

Music History (6cr):
MUS-M403 History of Music I (3)
MUS-M404 History of Music II (3)

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) – 3 semesters, taken concurrently at 300-level lessons

Capstone Project (3)
MUS-I 420 Music Concentration Capstone (3)
General Education Requirement

Written Communication Competency (6 cr)

<table>
<thead>
<tr>
<th>Course Offerings</th>
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</thead>
<tbody>
<tr>
<td>MUS-M174, MUS-M175, MUS-T101, MUS-T103, MUS-Z201, PHIL-P100, PHIL-P105, PHIL-P120, PHIL-P140, PHIL-P200, PHIL-P205, REL-R152, REL-S160, REL-S220, SPAN-S100, SPAN-S150, SPAN-S200, SPAN-S230, SPAN-S250, THTR-T210, WOST-W201</td>
</tr>
</tbody>
</table>

Social-Behavioral Competency (6 cr)

<table>
<thead>
<tr>
<th>Course Offerings</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH-A103, ANTH-A104, CIUS-P100, CIUS-P200, CMCL-C122, CMCL-C205, ECON-E103, ECON-E104, EDUC-P250, GEOG-G110, INFO-I101, INFO-I202, JOUR-J110, PSY-P103, PSY-P211, PSY-P216, SOC-S100, SOC-S215, SOC-S217, SOC-S230, SWK-S102, SWK-S221, SWK-S251, WOST-W200</td>
</tr>
</tbody>
</table>

Program Requirements

First-Year Seminar (0-2 cr)

<table>
<thead>
<tr>
<th>Course Offerings</th>
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<tbody>
<tr>
<td>UCOL U101 or HON H100</td>
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</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Course Offerings</th>
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<tbody>
<tr>
<td>• CSI-A 110 Intro to Computers &amp; Computing or equivalent</td>
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</table>

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.

Major Required Courses (15)

<table>
<thead>
<tr>
<th>Course Offerings</th>
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</thead>
<tbody>
<tr>
<td>• POLS Y103 Introduction to American Government</td>
</tr>
<tr>
<td>• POLS Y105 Introduction to Political Theory</td>
</tr>
<tr>
<td>• POLS Y107 Introduction to Comparative Government or POLS Y109 Introduction to International Relations</td>
</tr>
<tr>
<td>• POLS Y205 Analyzing Politics</td>
</tr>
<tr>
<td>• POLS Y490 Senior Seminar</td>
</tr>
</tbody>
</table>

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 subject fields (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

<table>
<thead>
<tr>
<th>Course Offerings</th>
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</thead>
<tbody>
<tr>
<td>• POLS Y303 Policy Making in the United States</td>
</tr>
<tr>
<td>• POLS Y304 Constitutional Law</td>
</tr>
<tr>
<td>• POLS Y305 Constitutional Rights and Liberties</td>
</tr>
<tr>
<td>• POLS Y306 State Politics in the US</td>
</tr>
<tr>
<td>• POLS Y308 Urban Politics</td>
</tr>
<tr>
<td>• POLS Y310 Public Opinion and Political Participation</td>
</tr>
<tr>
<td>• POLS Y319 The United States Congress</td>
</tr>
<tr>
<td>• POLS Y320 Judicial Politics</td>
</tr>
<tr>
<td>• POLS Y324 Gender and Politics</td>
</tr>
<tr>
<td>• POLS Y325 African-American Politics</td>
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</tbody>
</table>

Comparative Politics/International Relations

<table>
<thead>
<tr>
<th>Course Offerings</th>
</tr>
</thead>
<tbody>
<tr>
<td>• POLS Y338 African Politics</td>
</tr>
<tr>
<td>• POLS Y340 East European Politics</td>
</tr>
<tr>
<td>• POLS Y345 Comparative Revolutions</td>
</tr>
<tr>
<td>• POLS Y346 Politics in the Developing World</td>
</tr>
<tr>
<td>• POLS Y350 Selected Topics in Democratic Government (Topics vary)</td>
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</tbody>
</table>

Political Theory

<table>
<thead>
<tr>
<th>Course Offerings</th>
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</thead>
<tbody>
<tr>
<td>• POLS Y212 Making Democracy Work</td>
</tr>
<tr>
<td>• POLS Y381 Classical Political Thought</td>
</tr>
<tr>
<td>• POLS Y382 Modern Political Thought</td>
</tr>
<tr>
<td>• POLS Y384 Developments in American Political Thought</td>
</tr>
</tbody>
</table>

Course offerings are subject to change. Please see the course schedule for more information.

Electives

Choose additional courses to reach 120 credit hours total.

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 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

No course with a grade below 2.0 (C) will be accepted in the major/concentration area.

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.

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)

A minimum of 36 credit hours must be taken at the 300 level or above, with at least 18 in the major.

Semester 1 (Fall)

<table>
<thead>
<tr>
<th>Course Offerings</th>
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<tbody>
<tr>
<td>• POLS-Y 205 Analyzing Politics</td>
</tr>
<tr>
<td>• POLS Advanced Core – American Politics</td>
</tr>
<tr>
<td>• POLS Advanced Core – Comparative Politics/International Relations</td>
</tr>
<tr>
<td>• Elective or 100-level Major Core course</td>
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Semester 2 (Spring)

<table>
<thead>
<tr>
<th>Course Offerings</th>
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</thead>
<tbody>
<tr>
<td>• POLS Advanced Core – Political Theory</td>
</tr>
<tr>
<td>• POLS Advanced Core</td>
</tr>
<tr>
<td>• Elective or 100-level Major Core course</td>
</tr>
<tr>
<td>• Elective or General Education Requirement</td>
</tr>
</tbody>
</table>

Semester 3 (Fall)

<table>
<thead>
<tr>
<th>Course Offerings</th>
</tr>
</thead>
<tbody>
<tr>
<td>• POLS Advanced Core</td>
</tr>
<tr>
<td>• Elective</td>
</tr>
<tr>
<td>• Elective, Minor Course, or General Education Requirement</td>
</tr>
</tbody>
</table>

Degrees

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B.S. in Psychology (120 Credits)

General Education Requirements

Written Communication Competency (6 cr)
College Level Composition ENG-H140, ENG-W131
Second College Level Composition ENG-W122, ENG-W230,
ENG-W231, ENG-W233, ENG-W270, ENG-W290

Speaking and Listening Competency (3 cr)
College Level Speech Communication SPC-H121

Quantitative Reasoning Competency (3-4 cr)
PSY-K300, CJUS-K300 or MATH-K100

Natural Sciences Competency (5-6 cr)
Must include at least one course with laboratory AST-A100,
ANAT-A210, ANAT-A215, AST-A105, AST-A150,
BIOL-L101, BIOL-L102, BIOL-L108, BIOL-L150, BIOL-N120, BIOL-N150,
BIOL-N212, BIOL-N213, BIOL-Q201, CHEM-C100,
CHEM-C101, CHEM-C105/C125, CHEM-C108,
CHEM-N100, EDUC-Q200, GEOG-G108/GEOL-G111,
GEOL-G12, GEOG-G210, MICRO-J200, MICRO-J201,
PHSL-P201, PHIL-P215, PHYS-P100, PHYS-P104,
PHYS-P110, PHYS-P120, PHYS-P201

Humanistic Artistic Competency (6 cr)
Must include at least two different disciplines.
This may include at most one studio course.
ENG-G205, ENG-G207, ENG-L202, ENG-L203, ENG-L204,
ENG-L205, ENG-L207, ENG-L208, ENG-L209, ENG-L225,
ENG-L250, ENG-L251, ENG-L295, ENG-L297, ENG-L298,
ENG-L299, ENG-W203, ENG-W280, FNA-A101,
FNA-A102, FNA-F100, FNA-H100, FNA-F101,
FNA-S260, FNA-S280, FREN-F100, FREN-F150,
FREN-F200, FREN-F250, GER-G 100, GER-G150,
GER-G200, GER-G250, HIST-D244, HIST-H105,
HIST-H108, HIST-H109, HIST-H205, HIST-H216, HIST-H217,
HIST-H225, MUS-M174, MUS-M175, MUS-T101,
MUS-T203, MUS-2201, PHIL-P100, PHIL-P105, PHIL-P120,
PHIL-P140, PHIL-P200, PHIL-P232, REL-R152, REL-R160,
REL-R220, SAN-S100, SAN-S150, SAN-S200,
SAN-S230, SAN-S230, THTR-T210, WOST-W201

Social-Behavioral Competency (6 cr)
Must include at least two different disciplines
ANTH-A103, ANTH-A104, ANTH-A200, ANTH-B200,
CIJS-P105, CIJS-P200, CMCL-L205, ECON-E103,
ECON-E104, EDUC-P250, GEOG-G110, INFO-I101,
INFO-I202, JOUR-J110, POLS-Y103, POLS-Y105,
POLS-Y107, POLS-Y109, POLS-Y212, SOC-S100,
SOC-S215, SOC-S217, SOC-S230, SPCH-S122, SWK-S102,
SWK-S221, SWK-S251, WOST-W200

Program Requirements

First-Year Seminar (2 cr)
UCOL-U101 or HON H100

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 of the following:
• PHIL-P120 Ethics
• PHIL-P140 Introduction to Ethics

Biology (3-4) (needs to have heading format like “Ethics”
above)
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.

General Core Requirements (12 cr)
• PSY-P103 General Psychology

Psychology Electives (6)
Choose additional courses to reach 120 credit hours total.

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
No course with a grade below 1.7 (C-) will be accepted in the
major/concentration area. 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.

B.S. in Psychology (ONLINE)

This degree completion program is designed for students who
have completed at least 60 semester hours of transferrable
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)
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.

See degree requirements for BS in Psychology for
more details.

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
No course with a grade below 1.7 (C-) will be accepted in the
major/concentration area. 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.
**B.S. in Sociology (120 cr)**

**General Education Requirements**

Written Communication Competency (6 cr)

First-Year Seminar (0-2 cr)

Program Requirements

**First-Year Seminar (0-2 cr)**

College Level Composition ENG-H140, ENG-W131

Second College Level Composition ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270

Speaking and Listening Competency (3 cr)

College Level Speech Communication SPCH-S121

Quantitative Reasoning Competency (3-4 cr)

Writing Requirement

Humanistic Artistic Competency (6 cr)

Natural Sciences Competency (5-6 cr)

College Level Composition ENG-H140, ENG-W131

Second College Level Composition ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270

Speaking and Listening Competency (3 cr)

College Level Speech Communication SPCH-S121

Quantitative Reasoning Competency (3-4 cr)

Writing Requirement

Humanistic Artistic Competency (6 cr)

Natural Sciences Competency (5-6 cr)

College Level Composition ENG-H140, ENG-W131

Second College Level Composition ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270

Speaking and Listening Competency (3 cr)

College Level Speech Communication SPCH-S121

Quantitative Reasoning Competency (3-4 cr)

Writing Requirement

Humanistic Artistic Competency (6 cr)

Natural Sciences Competency (5-6 cr)

College Level Composition ENG-H140, ENG-W131

Second College Level Composition ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270

Speaking and Listening Competency (3 cr)

College Level Speech Communication SPCH-S121

Quantitative Reasoning Competency (3-4 cr)

Writing Requirement

Humanistic Artistic Competency (6 cr)

Natural Sciences Competency (5-6 cr)

College Level Composition ENG-H140, ENG-W131

Second College Level Composition ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270

Speaking and Listening Competency (3 cr)

College Level Speech Communication SPCH-S121

Quantitative Reasoning Competency (3-4 cr)

Writing Requirement

Humanistic Artistic Competency (6 cr)

Natural Sciences Competency (5-6 cr)

College Level Composition ENG-H140, ENG-W131

Second College Level Composition ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270

Speaking and Listening Competency (3 cr)

College Level Speech Communication SPCH-S121

Quantitative Reasoning Competency (3-4 cr)

Writing Requirement

Humanistic Artistic Competency (6 cr)

Natural Sciences Competency (5-6 cr)

College Level Composition ENG-H140, ENG-W131

Second College Level Composition ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270

Speaking and Listening Competency (3 cr)

College Level Speech Communication SPCH-S121

Quantitative Reasoning Competency (3-4 cr)

Writing Requirement

Humanistic Artistic Competency (6 cr)

Natural Sciences Competency (5-6 cr)
Minor in Anthropology (16-20 cr)

**Minor Requirements (16-20 cr)**

- ANTH-A 495 Independent Study in Anthropology

**Required Courses**

- Choose 6 credits of upper level courses in SPAN or HISP
- SPAN S498 Capstone Seminar in Spanish

**Electives**

Choose additional courses to reach 120 credit hours total.

**Writing Requirement**

A grade of C (2.0) or above is required 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**

No course with a grade below 2.0 (C) will be accepted in the major/concentration area. 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 120 hours must be completed at Indiana University East. At least 15 hours in the field of concentration must be completed at Indiana University East.

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**Minor in Communication Studies (18 cr)**

**Minor Requirements**

CMCL-C122 Interpersonal Communication (3cr)
CMCL-C205 Introduction to Communication and Culture (3cr)

**Required Courses**

Choose any two of the following courses at the 200-300 level (6 cr):

- CMCL-C 225 Discussion & Decision Making
- CMCL-C304 Communication & Social Conflict
- CMCL-C 307 Health Communication
- CMCL-C315 Advertising & Consumer Culture
- CMCL-C334 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-J210 Visual Communication
- JOUR-J219 Intro to Public Relations
- SPCH-S303 Propaganda & Persuasion
- SPCH-S323 Speech Composition
- SPCH-S333 Public Relations Writing

**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 (15 cr)**

CJUS-P 100 Introduction to Criminal Justice
CJUS-P 200 Theories of Crime and Deviance
CJUS-P 301 Police in Contemporary Society
CJUS-P 302 Courts and Criminal Justice
CJUS-P 303 Corrections and Criminal Justice

**Required Courses**

- CMCL-C 307 Health Communication
- CMCL-C315 Advertising & Consumer Culture
- CMCL-C334 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-J210 Visual Communication
- JOUR-J219 Intro to Public Relations
- SPCH-S303 Propaganda & Persuasion
- SPCH-S323 Speech Composition
- SPCH-S333 Public Relations Writing

**Evaluation**

Students may choose any two American History courses at the 200 level or above.

**Minor in Fine Arts (18 Credits)**

**Minor Requirements**

Fine Art Appreciation (3 cr)

**Fine Art Appreciation (3 cr)**

- CMCL-C 307 Health Communication
- CMCL-C315 Advertising & Consumer Culture
- CMCL-C334 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-J210 Visual Communication
- JOUR-J219 Intro to Public Relations
- SPCH-S303 Propaganda & Persuasion
- SPCH-S323 Speech Composition
- SPCH-S333 Public Relations Writing

**Evaluation**

Choose any 200 or 300 level CMCL, SPCH, TEL, or JOU 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-C405 Communication Theories
CMCL-C 407 Rhetoric & History
CMCL-C424 Communication Research Methods
CMCL-C427 Cross Cultural Communication
CMCL-C430 Organizational Communication
CMCL-C450 Gender & Communication
TEL-T498 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)**

- CMCL-C 380 Nonverbal Communication
- TEL-T 206 Intro to Design and Production
- TEL-T 283 Intro to Television Production
- JOUR-J210 Visual Communication
- JOUR-J219 Intro to Public Relations
- SPCH-S323 Speech Composition
- SPCH-S333 Public Relations Writing

**Evaluation**

Students may choose any two additional courses at the 200 level or 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 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.

**Minor Requirements (18 cr)**

ENGL-202 Literary Interpretation

Choose one 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
- ENGL-318 Recent Writing
- REL-R 152 Jews, Christians, Muslims
- SPCH-S 303 Persuasion and Propaganda
- SOSC-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 Criminal Justice (15 cr)**

**Minor Requirements (15 cr)**

CJUS-P 100 Introduction to Criminal Justice
CJUS-P 200 Theories of Crime and Deviance
CJUS-P 301 Police in Contemporary Society
CJUS-P 302 Courts and Criminal Justice
CJUS-P 303 Corrections and Criminal Justice

**Required Courses**

CMCL-C 307 Health Communication
CMCL-C315 Advertising & Consumer Culture
CMCL-C334 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-J210 Visual Communication
JOUR-J219 Intro to Public Relations
SPCH-S303 Propaganda & Persuasion
SPCH-S323 Speech Composition
SPCH-S333 Public Relations Writing

**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 Anthropology (16-20 cr)**

**Minor Requirements (16-20 cr)**

- 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
Group: Backgrounds of British Literature to 1800 (3 cr)
Choose one:
• ENG-L 306 Middle English Literature
• ENG-L 322 English Literature 1600 – 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)
Choose one:
• CLAS-C 205 Classical Mythology
• ENG-L 225 Introduction to World Masterpieces
• ENG-L 378 Studies in Women & 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
The music minor requires core courses in Music Theory, Music History, and music elective credits. Please contact the Humanities and Social Sciences advising office for more information.

Minor in Neuroscience
Course Requirements (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.

Natural Science and Math Courses (11 cr)
PHSL-P 201 General Physiology 1 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

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)
  AND ONE OF THE FOLLOWING:
• PHIL-P 120, Ethics (3 cr) OR
• PHIL-P 140, Introduction to Ethics (3 cr)

Minor Electives:
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 General Psychology
• PSY-P 216 Lifespan Development Psychology OR
  PSY-P 206 Psychology of Everyday Life
• PSY-P 211 Methods of Experimental Psychology (Note: It may be required
  or 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 are cross-listed from P103 (General Psychology) or P211 (Methods of Experimental Psychology) as well as to complete assignments with citations in APA Publication Style.

Minor in Sociology (19 cr)
Course Requirements
• SOC-S 100 Introductory Sociology (3)
• SOC-S 230 Society and the Individual (3)
• SOC-S 340 Social Theory (3)
• SOC-S 494 Field Experience (1)
Choose one from:
• S215 Social Change (3)
• S217 Social Inequality (3)

• (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.

Required Courses
Students must be placed into the appropriate level Spanish course by test or advisement before beginning the Minor. Six credit hours beyond SPAN-S250 must be completed on the I.U. East campus.

• PSY-P 206 Psychology of Everyday Life
• PSY-P 211 Methods of Experimental Psychology
• PSY-P 216 Lifespan Development Psychology

Required Courses (9)
• PHIL-P 100, Introduction to Philosophy (3 cr)
• PHIL-P 150, Elementary Logic (3 cr) (cross-listed with PHIL-P 105)

Minor in Psychology (18 cr)
Course Requirements (18 cr)
The Minor in Psychology requires 18 hours of coursework, at least 9 of which must be at the 300/400 level.

Required Courses (9)
• PHIL-P 100, Introduction to Philosophy (3 cr)
• PHIL-P 150, Elementary Logic (3 cr) (cross-listed with PHIL-P 105)

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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 257 Introduction to Hispanic Culture (3 cr)
• HIS-P 308 Spanish Conversation and Composition (3 cr)
• HIS-P 328 SPAN-S 340 Introduction to Hispanic Literature (3 cr)

A grade of C- or better is required for all courses used in the minor. Students' overall GPA 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 (18 cr)
Required (12)
• ENG-W 231 Professional Writing Skills
• ENG-W 321 Advanced Technical Writing
• ENG-W 324 Technical Editing

Electives (6)
Choose 6 credits from:
• ENGW-W 230 Science Writing
• ENGW-W 270 Argumentative Writing
• ENGW-G 205 Introduction to English Language
• ENGW-G 207 Grammar and Usage

Note: Other courses may be used toward the minor with permission of the minor advisor.

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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 (18 cr)**

Choose one course from:

- WOST 200 Women in Society: Intro to Women’s Studies
- WOST 201 Women in Culture: Intro to Women’s Studies

Choose four courses from at least two of the following groups:

**Group: Social Sciences**

- HSRV-H 205 Treatment Issues
- POLS-Y 206 Politics of Am Ethnic
- POLS-Y 324 Gender & Politics
- POLS-Y 345 Contemporary Revolutions
- PSY-B 388 Human Sexuality
- PSY-P 460 Women: A Psychological Perspective
- SOC-S 217 Social Inequality
- SOC-S 316 The Family
- SOC-S 410 (TOPIC: Queer Identities & Comm.)
- SOC-S 413 Gender and Society
- CJUS-P 493 (TOPIC: Class, Race, Gender & Crime)

**Group: Humanities**

- CMCL-C 427 Cross Cultural Communication
- CMCL-C 450 Gender and Communication
- CMCL-I 205 Intro to the English Language
- ENG-L 202 Literary Interpretation
- ENG-L 204 Introduction to Fiction
- ENG-L 207 Women and Literature
- ENG-L 208 (TOPIC: History of Children’s Lit)
- ENG-L 208 (TOPIC: Women Irish Writers)
- ENG-L 332 Romantic Literature
- ENG-L 335 Victorian Literature
- ENG-L 357 Twentieth Century American Poetry
- ENG-L 369 (TOPIC: Amer. Women Writers of 20th Century)
- ENG-L 369 (TOPIC: History of Children’s Lit)
- ENG-L 374 Ethnic American Literature
- ENG-L 378 Studies in Women and Literature
- ENG-L 379 American Ethnic and Minority Lit
- ENG-L 383 British or Commonwealth Lit
- ENG-L 390 Children’s Literature
- ENG-L 391 Literature for Young Adults
- ENG-L 392 Multicultural Children’s and YA Lit
- ENG-L 396/L666 Survey of Children’s Lit
- HIST-B 306 Modern Europe Race, Gender, Identity
- HIST-H 260 History of Women in the US

Choose four courses from the list below or other courses by approval of certificate advisors.

**Group: Natural Sciences**

- ANAT-A 314 U.S. History 1917-45
- PHIL-P 282 Women in Philosophical Thought
- SPAN-S 284 Women in Hispanic Culture
- SPAN-S 290 (TOPIC: The Role of Women)
- SPCH-S122 Interpersonal Communication

**Group: Nursing**

- NURS-Z 492 (TOPIC: Women’s Health)
- PHSL-P 261 Human Physiology
- PHSL-P 262 Human Anatomy and Physiology I
- PHSL-P 263 Human Anatomy and Physiology II

**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 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 be below a 2.0.

**Hispanic Culture -- Required Course (3 cr)**

Course is taught in English.

- SPAN-S 303 The Hispanic World (3 cr)

**Spanish Language -- Required Courses (0-14 cr based on proficiency)**

- SPAN-S 100 Elementary Spanish I (4 cr)
- SPAN-S 120 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 (3 cr)
- SPAN-S 284 Women in Hispanic Culture (3 cr)
- SPAN-S 290 Topics in Hispanic Culture (3 cr)
- SWK-S 100 Understanding Diversity in a Pluralistic Society (3 cr)
- CMCL-C 477 Cross Cultural Communication (3 cr)

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 undergraduate 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.

**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)**

- ENG-W 500 Teaching Composition: Issues & Approaches (4)
- ENG-G 660 Stylistics (4)
- ENG-W 501 Practicum on Teaching of Composition (4)
- ENG-W 620 Advanced Argumentative Writing (4)
- ENG-W 682 Spec. Topics: Rhetoric & Composition (4)

Capstone
INFORMATICS

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 encompasses breadth across issues in all of the related disciplines, and also 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.

B.S. in Informatics (120 cr)

General Education (39 cr)

Composition & Communication (9)
ENG-W 131 Elementary Composition I
SPCH-S 121 Public Speaking

Choose one additional college level composition:
• ENG-W 231 Professional Writing Skills
• ENG-W 270 Argumentative Writing

College-level Mathematics (6)
• MATH-M 118 Finite Mathematics
• ECON-E 270 Statistics

Natural Science & Mathematics (6)
Choose 6 credits, including one Natural Science with lab:
• Chemistry, Physics, Earth Science, Astronomy, Biology, Physical Geography

Humanities & Fine Arts (6)
Choose 6 credits from at least two of the following disciplines:
• Fine Art, History, Philosophy, Religious Studies, English, Theater, Music, World Language, Communication Studies, Telecommunications

(One studio course is allowed)

Behavioral & Social Sciences (6)
Choose 6 credits from at least two of the following disciplines:
• Anthropology, Psychology, Sociology, Political Science, Social Geography, Criminal Justice, or ECON-E 103.

Additional Requirements (0-2 cr)

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

Informatics Core (34 cr)

INFO-I 101 Introduction to Informatics (4)
INFO-I 201 Mathematical Foundation of Informatics (4)
INFO-I 202 Social Informatics (4)
INFO-I 210 Information Infrastructure I (4)
INFO-I 211 Information Infrastructure II (4)
INFO-I 308 Information Representation

Choose two from:
• INFO-I 360 Human-Computer Interaction
• INFO-I 361 Organizational Informatics
• INFO-I 362 Distributed Systems & Collaborative Computing

Capstone (Requires Senior Standing)
Choose one capstone:
• INFO-I 491 / 495 Design & Implementation of an Information System (two semesters)
• INFO-I 492 / 493 Thesis / Senior Project (two semesters)
• INFO-I 491 Internship in Informatics: Professional Practice (Internship requires approval of program chair)

Cognate Area (15-18 cr)

Choose a single Informatics cognate from:

Business Cognate
BUS-W 100 Introduction to Business Administration
BUS-A 201 Introduction to Accounting
ECON-E 103 / 104 Microeconomics / Macroeconomics
Choose any two 300 or 400 level business courses, with advisor approval

Criminal Justice Cognate
CIJS-P 100 Introduction to Criminal Justice (3 cr)
CIJS-P 295 Criminal Justice Data, Methods and Resources (3 cr)
CIJS-P 302 Courts and Criminal Justice (3 cr)
CIJS-P 301 Police in Contemporary Society (3 cr)
CIJS-P 303 Corrections and Criminal Justice (3 cr)

Enterprise Computing Cognate
IHM-U00 Foundations and Principles of IIM
BUS-S310 Systems Analysis and Design

BUS-S430 e-Commerce
Choose three:
• Informatics (INFO) non-core (elective) classes
• 300 or 400 level BUS-S classes
• 300 or 400 level IIM- classes
• Computer Science (CSCI) classes 200 level or above

Health Cognate
Common Cognate Core: All students will complete the common core courses.

There are three required courses (7 credits total):
• NURS-A111 Nursing and Medical Terminology (1)
• INFO-I240 Health Informatics I (3)
• INFO-I241 Health Informatics II (3)

Systems Focus: Students selecting the Systems Focus option will need to complete the following in addition to the Common Cognate Core courses to satisfy the cognate requirements (16 credits total).

There are two required courses (6 credits total):
• BUS-S310 Systems Analysis and Design (3)
• BUS-P330 Project Management (3)

There is one required elective course (3 credits total):
• NURS-S474 Applied Healthcare Ethics (3)

NURS-I404 Professional Nursing Seminar II: Informatics (3)

There is one required elective course (3 credits total):
• One (1) additional course (NURS-B-, INFO-I-, or BUS-S-) at 300 or 400 level courses with advisor approval. (3)

Information Systems Cognate

Common Cognate Core: All students will complete the common core cognate core courses.

There are two required courses (6 credits total):
• BUS-S310 Systems Analysis and Design (3)
• BUS-P330 Project Management (3)

Management: Students selecting the Management option will need to complete the following in addition to the Common Cognate Core courses to satisfy the cognate requirements (15 credits total).

There are two required courses (6 credits total):
• HM-E00 Foundations and Principles of IIM (3)
• BUS-S430 e-Commerce (3)

There is one required elective course (3 credits total):
• One (1) additional course (IMM, IMM, BUS-S, or INFO) at 200/300/400 level with advisor approval.

Development: Students selecting the Development option will need to complete the following in addition to the Common Cognate Core courses to satisfy the cognate requirements (15 credits total).

There are two required courses (6 credits total):
• CSSC-C243 Introduction to Data Structures (3)
• IIM-3800 Data Communications in MIS (1)

There is one required elective course (3 credits total):
• One (1) additional course (IMM, IMM, or INFO) at 300/400 level with advisor approval.

Marketing Cognate

There are three required courses (9 credits total): One introductory marketing course, selected from:
• BUS-M300 Introduction to Marketing or

BUS-M301 Marketing Management
• One upper-division consumer behavior class:
BUS-M460 Consumer Behavior

• A project-based class in marketing technology, selected from:
BUS-M432 Digital Marketing
BUS-M415 Promotion Management

There are two elective courses (6 credits total):
• Six (6) additional credits chosen from BUS-M classes numbered 302 to 479 or
• Three (3) additional credits chosen from BUS-M classes numbered 302 to 479 and Three (3) credits chosen from BUS-M460 Professional Practice in Marketing or BUS-K312

Decision Modeling or BUS-W408 Small Business Practicum

Informatics majors at IU East may elect the marketing cognate as the marketing minor, but not both.

New Media Cognate
NEWM-N 100 New Media

JOUR-I 110 Foundations of Journalism and Mass Communication

TEL-T 336 Digital Video Production

Choose one course at 300 or higher level, with advisor approval.

Web Technology Cognate
INFO-I 213 Website Design & Development
FINA-U 330 Computer Art, Interactive Media
FINA-F 102 Fundamental Studio - 2D
BUS-S 430 E-Commerce

Choose one additional course, with advisor approval.

Custom Designed Cognate
Choose 15-18 credit hours chosen with the help of a Cognate Advisor and approved by the Informatics Faculty Committee at IU East.

General Electives (23-26 cr)

Choose the student's of all courses chosen for a degree, there must be at least 30 credit at 300 level or higher. Students must take enough electives to reach 120 credit hours total.

Minor in Informatics

This minor is open to students in all academic programs (except Informatics). The only prerequisite to the minor classes is completion of the computer literacy requirement (a general education requirement). The minor program needs to be developed with an advisor from Informatics.

The undergraduate minor in informatics requires students to take two (2) lower division informatics courses (after CIJS-P110 or INFO-I101) and three (3) upper division courses.

Minor Requirements

100 or 200 level INFO-I classes
200 level CSCI classes
300 or 400 level CSCI classes
300 level IMM classes
300 or 400 level INFO-I classes
300 or 400 level BUS-S classes

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NATURAL SCIENCE & MATHEMATICS

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.

B.A. in Natural Science & Mathematics (120 cr)

This degree offers concentrations in biology, biochemistry, mathematics, or 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.

College Level Composition (3 cr)
ENG-H140, ENG-W131

Second College Level Composition (3 cr)
ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270, or ENG-W290

Speaking and Listening Competency (3 cr)
SPCH-S121 Public Speaking

Quantitative Reasoning Competency (3-4 cr)
Choose one MATH-M course from the list of General Education Core Requirements at/above MATH-M123 – College Algebra.

Natural Sciences Competency (5-6 cr)
Must include at least two different disciplines.
Must include at least one course with laboratory (*Lab course)

Humanistic Artistic Competency (6 cr)
Must include at least two different disciplines.
This may include at most one studio course.

Social-Behavioral Competency (6 cr)
Must include at least two different disciplines

Program Requirements
First Year Seminar (0-3 cr)
UCOL U101 or HON H100
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-I103 Information Literacy (3 cr)
• COAS-Q110 Intro to Information Literacy (1 cr)
• CSI-A110 Intro to Computers & Computing (3 cr)

Biology Concentration
*BIOL-L102 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 301 Introduction to the Animal Kingdom

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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 Requirement**

**College Level Composition (3 cr)**
ENG-H140, ENG-W131

**Second College Level Composition (3 cr)**
ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270, or ENG-W290

**Speaking and Listening Competency (3 cr)**
SPCH-S121 Public Speaking

**Quantitative Reasoning Competency (3-4 cr)**
Choose one MATH-M course from the list of General Education Core Requirements at/above MATH-M123 – College Algebra.

**Natural Sciences Competency (5-6 cr)**
Courses in the degree program will satisfy this distribution requirement.

**Humanistic Artistic Competency (6 cr)**
Must include at least two different disciplines.
This may include at most one studio course.

**Social-Behavioral Competency (6 cr)**
Must include at least two different disciplines

**Program Requirements**

**First Year Seminar (0-3 cr)**
UCOL U101 or HON H100
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.
Choose 1 from:
- COAS-H103 Information Literacy (3 cr)
- COAS-Q110 Intro to Information Literacy (1 cr)
- CSCI-A110 Intro to Computers & Computing (3 cr)

**Degree Requirements**

**Physical Science core (33 cr)**
CHEM-C105/125 General Chemistry I
CHEM-C106/126 General Chemistry II
CHEM-C341/343 Organic Chemistry I
CHEM-C342/344 Organic Chemistry II
CHEM-C360 Introductory Physical Chemistry
PHYS-P201 General Physics I
PHYS-P202 General Physics II

**Mathematics core (10 cr)**
MATH-M215 Calculus I
MATH-M216 Calculus II

**Science core (33 cr)**
BIOL-L101 Introduction to Biological Sciences I**
**Students may test out of this course, but will not be awarded credit hours
BIOL-L211/213 Molecular Biology with Lab
BIOL-L314 Genetics
BIOL-L315 Cell Biology
BIOL-L321 Immunology
CHEM-C329 Proteins and Enzymes
CHEM-C484 Bioinformatics and Catalysis
CHEM-C485 Biosynthesis and Physiology

**Capstone (1 cr)**
BIOL-L452 Capstone

**Biochemistry Electives (7 cr)**
Pick from the following or other approved courses in consultation with your academic advisor.

**Other Courses (14 cr)**
A minimum of 16 credits in Natural Science & Mathematics.

**Electives (32-34 cr)**
After Concentration requirements have been met, take enough credit hours to complete 120 credits.

**Total Credit Hours**
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Natural Science & Mathematics Core Requirements

Degree 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 / 344 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 Requirement

College Level Composition (3 cr)

ENG-H140, ENG-W131

Second College Level Composition (3 cr)

ENG-W123, ENG-W230, ENG-W231, ENG-W233, ENG-W270, or ENG-W290

Speaking and Listening Competency (3 cr)

SPPC-S121 Public Speaking

Quantitative Reasoning Competency (3-4 cr)

Choose one MATH-M course from the list of General Education Core Requirements at/above MATH-M123 – College Algebra.

Natural Sciences Competency (5-6 cr)

Courses in the degree program will satisfy this distribution requirement.

Humanistic Artistic Competency (6 cr)

Must include at least two disciplines.

This may include at most one studio course.


Social-Behavioral Competency (6 cr)

Must include at least two different disciplines


Program Requirements

First Year Seminar (0-3 cr)

UCOL U101 or HON H100

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-I103 Information Literacy (3 cr)

• COAS-I110 Intro to Information Literacy (1 cr)

• CSCI-A110 Intro to Computers & Computing (3 cr)

Degree Requirements (78 cr)

Natural Science & Mathematics Core Requirements (38 cr)

Degree Requirements (73-77 cr)

College-Level Mathematics (5 cr)

MATH-M125 Pre-calculus (3 cr)

(May test out of this course. May use this or higher course to satisfy general education requirement.)

MATH-M125 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 / 344 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 Electives (34 cr)

Choose additional courses to total 120 credits, after all other requirements are met.

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 Requirement

College Level Composition (3 cr)

ENG-H140, ENG-W131

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 courses in the degree program will satisfy general education requirement.

Environment and Life (3 cr)

• BIOL-L 108

• BIOL-L 211

• BIOL-L 213

• BIOL-L 315 Cell Biology (4 cr)

• BIOL-L 321 Principles of Immunology (3 cr)

• BIOL-L 340 Biological Sex Roles (3 cr)

• BIOL-L 391 Biology of Addictions (3 cr)

• BIOL-L 393 Hormones & Human Health I (3 cr)

• BIOL-L 394 Hormones & Human Health II (3 cr)

• BIOL-M 310 Microbiology – Lecture (3 cr)

• BIOL-M 315 Microbiology – Lab (2 cr)

• BIOL-N 120 Biology of Mental Illness (3 cr)

• BIOL-Z 217 Intro to Developmental Biology (3 cr)

• CHEM-C583 Proteins and Enzymes (5 cr)

• CHEM-C 484 Biomolecules and Catalysis (3) cr

• CHEM-C 485 Biostatistics and Physiology (3 cr)

• CHEM-M 100 Nutrition (4 cr)

• MATH-M 215 Calculus I (5 cr)

• MATH-M 216 Calculus II (5 cr)

• MATH-K 300 Statistical Techniques (3 cr)

• MATH-M 366 Elements of Statistical Inference (3 cr)

• NURS-A 111 Nursing & Medical Terminology (1 cr)

• NURS-Z 492 Topic: Women’s Health (3 cr)

• PSY-P 103 General Psychology (3 cr)

• PSY-P 211 Methods of Experimental Psychology (3 cr)

• PSY-P 216 Life Span Development (3 cr)

• PSY-P 324 Abnormal Psychology (3 cr)

• SOC-S 410 Topic: Queer Identities & Communication (3 cr)

• SOC-S 413 Gender and Society (3 cr)

• WOST-W 200/201 Intro to Women’s Study (3 cr)

• Other courses as approved by the Academic Advisor

Electives (15 cr)

Choose additional courses to total 120 credits, after all other requirements. 
Program Requirements
First Year Seminar (0-3 cr)
UCOL U101 or HON H100
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-U103 Information Literacy (3 cr)
• COAS-Q110 Intro to Information Literacy (1 cr)
• CSC-i110 Intro to Computers & Computing (3 cr)

Second College Level Composition (3 cr)
ENG-W132, ENG-W230, ENG-W231, ENG-W233, ENG-W270, or ENG-W290

Speaking and Listening Competency (3 cr)
SOC-S217, SOC-S230, SPCH-S122, SWK-S102, SWK-S221, PSY-P103, PSY-P211, PSY-P216, SOC-S100, SOC-S215, SOC-S217, SOC-S230, SPEH-S122, SWK-S102, SWK-S221, SWK-S251, WST-W200

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

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 requirements, residency requirements, and GPA requirements.

Bachelor of General Studies with a concentration in Natural Science and Mathematics (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:
• 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

Natural Sciences Competency (5-6 cr)
Must include at least two different disciplines.


Program Requirements
First Year Seminar (0-3 cr)
UCOL U101 or HON H100
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 (5-10 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)

Any coursework applied to the Learning Areas must be completed with a C- or higher. As a result, students may need additional coursework toward this requirement. See your advisor for more information.

Information Literacy (1-3 cr)
Choose 1 from:
• COAS-U103 Information Literacy (3 cr)
• COAS-Q110 Intro to Information Literacy (1 cr)
• CSC-i110 Intro to Computers & Computing (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 course should prepare students for writing research papers and include at least one method of widely accepted documentation and include 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.

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-L102 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 or more hours of minor courses must be completed at IU East.

Core 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)

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.

Certificate of Applied Mathematics (15 cr)
The Certificate in Laboratory Science outlines a focused path of training for currently employed technicians and allows others with an interest in a laboratory career 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.

Certificate of Applied Mathematics (15 cr)
The Certificate in Laboratory Science outlines a focused path of training for currently employed technicians and allows others with an interest in a laboratory career 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.
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 non-math major 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 (3)
- MATH-M 393 Bridge to Abstract Mathematics (3)
- MATH-M 403 Introduction to Modern Algebra I (3)
- MATH-M 413 Introduction to Analysis I (3)

Elective Courses (3 cr).

The remaining 3 credit hours must be selected from among the courses below.

- MATH-M 311 Elementary Differential Equations with Applications (3)
- MATH-M 404 Introduction to Modern Algebra II (3)
- MATH-M 405 Number Theory (3)
- MATH-M 414 Introduction to Analysis II (3)

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

Master of Arts in Teaching Mathematics (M.A.T.) (36 cr)

The M.A.T. Program 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 — jbeal@iue.edu

Certificate of Pure Mathematics

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 (3)
- MATH-M 393 Bridge to Abstract Mathematics (3)
- MATH-M 403 Introduction to Modern Algebra I (3)
- MATH-M 413 Introduction to Analysis I (3)

Elective Courses (3 cr).

The remaining 3 credit hours must be selected from among the courses below.

- MATH-M 311 Elementary Differential Equations with Applications (3)
- MATH-M 404 Introduction to Modern Algebra II (3)
- MATH-M 405 Number Theory (3)
- MATH-M 414 Introduction to Analysis II (3)

- MATH-M 415 Elementary Complex Variables (3)
- MATH-M 421 Introduction to Topology (3)
- MATH-M 463 Introduction to Probability Theory I (3)

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.
SCHOOL OF NURSING AND HEALTH SCIENCES

B.S., 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, accnursing.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).

B.S. in Nursing (BSN) (120 cr)

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. 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 28 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
- SPCH-S 121 Public Speaking
- PSY-K 300 Statistics
- NUR-S 335 Data Analysis

Humanistic Artistic Competency (6 cr)

- PHIL-P 140 Introduction to Ethics
- PHIL-P 120 Personal and Social Ethics

Humanistic Appreciation or Cultural Diversity course

- SOC-S 100 Introduction to Sociology

Social Behavioral Competency (6cr)

- PSEN-P 103 Introduction to Psychology

Natural Sciences Competency (5-6 cr)

- ANAT-P 215 Basic Human Anatomy
- PHYS-P 215 Basic Human Physiology OR ANAT-A215 Human Anatomy

Additional Requirements (26 cr)

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).

General Education Requirements (24-26 cr)

- MIRC-J 200/201 Microbiology with Lab
- PHYS-P 215 Basic Human Physiology

Additional Education & Additional Requirements (52 cr)

RN to BSN course requirements students are complete general education courses similar to those required of traditional BSN students. The major difference is that RN to BSN students take NURS-474 in lieu of Phil P120/P140. Therefore, students are required to take another course of choice in its place. Individualized student progression plans for each student based on course completion and credit transfer.

RN to BSN Mobility Option

The RN to BSN mobility option at Good Samaritan Hospital is currently offered at Richmond, New Castle, 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 New Castle sites should submit the application by the preferred admission date of June 1. Application for the Madison cohort are due by the preferred date of November 1. Students may apply once all general education courses are complete. Applications to the online option are accepted for each semester with a rolling admission date.

General Education & Additional Requirements (52 cr)

RN to BSN mobility option students are required to complete general education courses similar to those required of traditional BSN students. The major difference is that RN to BSN students take NURS-474 in lieu of Phil P120/P140. Therefore, students are required to take another course of choice in its place. Individualized student progression plans for each student based on course completion and credit transfer.

RN to BSN Course Requirements (68 cr)

Nursing Course Requirements (66 cr)

- NURS-B 230 Developmental Issues and Health
- NURS-B 222 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 Alternations in Neuro-psychology Health with Practicum
- NURS-H 353/354 Alternations 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 Nurse 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

Students must select enough courses to reach 120 credits total.

Master’s 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 education 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
### Social Work

**Bachelor of Social Work (120 cr)**

This B.S.W. prepares students for entry-level generalist. This BSW prepares students for entry-level generalist practice.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS-T 670</td>
<td>Teaching for Nursing</td>
<td>3 (credit) Elective</td>
</tr>
<tr>
<td>NURS-R 590</td>
<td>Scholarly Project/Research Study</td>
<td>6 cr</td>
</tr>
<tr>
<td>NURS-T 679</td>
<td>Nursing Education Practicum</td>
<td>(approximately 112 hours)</td>
</tr>
</tbody>
</table>

**Nursing Administration Curriculum (39 cr)**

<table>
<thead>
<tr>
<th>Core courses</th>
<th>18 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS-I 630</td>
<td>Introduction to Nursing Informatics</td>
</tr>
<tr>
<td>NURS-N 502</td>
<td>Nursing Theory</td>
</tr>
<tr>
<td>NURS-R 500</td>
<td>Nursing Research Methods</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Advanced Practice</th>
<th>15 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS-Y 510</td>
<td>Advanced Practice Concepts I</td>
</tr>
<tr>
<td>NURS-Y 520</td>
<td>Advanced Practice Concepts II</td>
</tr>
</tbody>
</table>

**Nursing Administration (15 cr)**

<table>
<thead>
<tr>
<th>Core courses</th>
<th>6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS-L 530</td>
<td>Legal Environment of Health Care</td>
</tr>
<tr>
<td>NURS-L 574</td>
<td>Administrative Management in Nursing</td>
</tr>
<tr>
<td>NURS-L 671</td>
<td>Financial Management</td>
</tr>
</tbody>
</table>

**Culminating Experience (6 cr)**

<table>
<thead>
<tr>
<th>Core courses</th>
<th>6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS-L 579</td>
<td>Nursing Administration Practicum</td>
</tr>
</tbody>
</table>

**Nursing Education Courses (15 cr)**

<table>
<thead>
<tr>
<th>Core courses</th>
<th>15 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS-T 615</td>
<td>Nursing Curriculum</td>
</tr>
<tr>
<td>NURS-T 617</td>
<td>Evaluation in Nursing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Advanced Practice</th>
<th>12 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS-T 619</td>
<td>Computer Technologies for Nurse Educators</td>
</tr>
</tbody>
</table>

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### Certificate in Gerontology (12 cr)

The Certificate in Gerontology provides a practice-oriented knowledge base including both concepts and applications.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSRV-H 301</td>
<td>Introduction to Gerontology</td>
<td>3 credit</td>
</tr>
<tr>
<td>PSY-B 354</td>
<td>Adult Development &amp; Aging</td>
<td>3 credit</td>
</tr>
<tr>
<td>HSRV-H 303</td>
<td>Service Needs of Older Adults</td>
<td>3 credit</td>
</tr>
</tbody>
</table>

**B.S.W.**

- SWK-S 332 – Generalist Social Work Practice I: 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.

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### 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 will graduate in 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, re-requirements, 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.

**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.

- **Course Requirements**
  - HSRV-H 202 Introduction to Alcohol and Drug Abuse
  - Choose one:
    - o HSRV-H 304 Counseling Skills OR/ o SWK-S 331 General Social Work Practice I: Theory / Skill (for SWK majors only)
  - HSRV-H 302 Psychological Aspects of Alcohol & Drug Abuse
  - HSRV-H 423 Social Systems Aspects to Alcohol & Drug Abuse
  - HSRV-H 461 Treatment Seminar in Alcohol & Drug Abuse

**Certificate in Gerontology (12 cr)**

The Certificate in Gerontology provides a practice-oriented knowledge base including both concepts and applications.

- **Course Requirements**
  - HSRV-H 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
Accounting

BUS-A201 Introduction to Financial Accounting (3 cr)
The course 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.

This course meets part of the Business Administration Core requirements and is a prerequisite course for many of the business courses.

Offered every semester.

BUS-A202 Introduction to Managerial Accounting (3 cr)
This course 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.

This course meets part of the Business Administration Core requirements and is a prerequisite course for many of the upper-level accounting courses.

Offered every semester. Prerequisite: A201

BUS-A311 Intermediate Accounting I (3 cr)
This course involves the study of 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 fall semesters. Prerequisite: A202

BUS-A312 Intermediate Accounting II (3 cr)
The course is 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 spring semesters. Prerequisite: A311

BUS-A318 Fraud Examination I (3 cr)
This course provides an introduction to the fundamentals of fraud examination including defining fraud and white-collar crime, identifying occupational fraud schemes, creating systems to prevent fraud and response, and ethics.

Offered spring semesters. Prerequisite: BUS-A 201

BUS-A325 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 fall semesters. Prerequisite: A202

BUS-A328 Introduction to Taxation (3 cr)
This course provides an explanation of 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 fall semesters.

BUS-A335 Government & Not-for-Profit Accounting (3 cr)
The course covers the financial management and accounting for not-for-profit entities such as municipal and federal government, schools and hospitals.

Offered fall semesters. Prerequisite: A312.

BUS-A339 Advanced Income Tax (3 cr)
The course 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 spring semesters. Prerequisite: A328.

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.

Prerequisite: BUS-A 201

BUS-A402 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

Offered spring semesters.
BUS-A411 Accounting Information Systems (3 cr)
This course covers the setup, use, maintenance and auditing of the two most popular small business accounting software programs: Quickbooks and Sage 50 (formally Peachtree). Additionally, students will learn how to use Excel to calculate depreciation schedules as well as loan and bond amortization tables. Offered online in fall semesters.
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.
Prerequisite: BUS-A312

BUS-A414 Financial Statement Analysis (3 cr)
The main objective of this course is critical understanding of accounting and economic concepts as these concepts apply to a company’s performance and financial position. To thoroughly understand a company’s financial position, the analyst must have some accounting and financial skills 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 viewpoint of different stakeholders. Some of the analytical tools covered in this course include ratios, common size financial statements, vertical and trend analysis and will compare companies with both their competitors and their industry.
Offered online in spring semesters.
Prerequisite: BUS-A312

BUS-A422 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 fall semesters.
Prerequisite: BUS-A312

BUS-A424 Auditing & Assurance Services (3 cr)
This course 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 spring semesters.
Prerequisite: BUS-A312, BUS-A437

BUS-A437 Advanced Managerial Accounting (3cr)
This course 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 the spring semesters.
Prerequisite: BUS-A325

BUS-A465 Financial Investigations
Capstone course for Minor in Financial Forensic Investigations. Topics covered include managing fraud investigations, interviewing, taking statements, researching public records, and report writing.
Offered spring semesters.
Prerequisite: BUS-A318, A350, CJUS-P320

BUS-A490 Independent Study in Accounting (varies)
Prerequisite: Consent of instructor.

Business Management
BUS-D301 The International Business Environment (3 cr)
The national and international environmental 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 every semester.
Prerequisite: W100, ECON-E 104

BUS-J401 Administrative Policy (3 cr)
Administration of business organizations: policy formulation, organization, methods, and executive control. This is a capstone course for the business management program. You must take this course to graduate. The course consists of reports on cases concerning the history and politics of major corporations. You are required to take an exit examination covering the entire business program. Course open to seniors only.
Offered every semester.
Prerequisite: F301, M301, P301.

BUS-J404 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 every semester.

BUS-X410 Bus. Career Planning & Placement (1 cr)
Assists you in obtaining positions consistent with career goals. Career planning, organized employment campaign, job-application methods, interviewing, and job placement on the job. Includes addresses by prominent business-persons and on-site dinner-etiquette session.
Offered every semester.

BUS-X487 Seminar in Bus. Administration (1-3 cr)
Instruction of an interdisciplinary nature for student groups involved in university-related nonprofit ventures. Interested groups must be sponsored by a Business Division faculty member and must obtain approval for the seminar from the Undergraduate Policy Committee. May be repeated up to a maximum of 6 credits.

BUS-P301 Operations Management (3 cr)
Role of production in a business enterprise; basic types of production processes used in industry. Emphasis on application of economic principles and analytical techniques to decisions made by operations managers of any business. Supply, facility layout, and planning are also included.
Offered every semester.
Prerequisite: A201, ECON-E 103, E104, E270, MATH-M118

BUS-P330 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.
No prerequisites

BUS-P480 Prof. Practice in Operations Mgmt. (3-6 cr)
Provides work experience in cooperating firm or agency. Comprehensive written report required. Grades of A, S, or F assigned by faculty.
Prerequisite: Junior or senior standing with a concentration in operations management and decision on technologies, as well as consent of department chairperson.

BUS-Z301 Org. 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. Credit not given for both Z300 and Z301.
Offered every semester.
Prerequisite: W100.

BUS-Z440 Personnel - Human Resource Mgmt. (3 cr)
Nature of human resource development and utilization in American society and organizations; government programs and policies, labor force statistics, organizational personnel departments, personnel planning, forecasting, selection, training, and development. Integration of government and organizational human resource programs.
Offered every semester.

BUS-Z441 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, and employer 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 periodically.
Prerequisite: W100, Z301 or W301.

BUS-L203 Commercial Law I (3 cr)
Law of business organizations and their liabilities. For accounting majors and others intending to take L303 in order to attain a broader and detailed knowledge of commercial law. Credit not given for both L201 and L203.
Offered every semester.

BUS-L406 Employment Problems and the Law (3 cr)
Current legal problems in the area of employment. Topics include: race, sex discrimination; terminations in federal, state, and unionized jobs; impact of the U.S. Constitution and civil rights legislation.
Offered occasionally.

BUS-W100 Business Administration: Intro. (3 cr)
Business administration from standpoint of manager of a business firm operating in the contemporary economic, political, social, and international environment. Course requires written report and/or computer projects. Recommended for first and second year students.
Offered every semester.

BUS-W301 Mgmt. & Organization Theory (3 cr)
Historical development of management theory. 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 continuous approaches to an understanding of the management processes and practices. Exercises and group reports are also included.
Offered fall and spring semesters.
Prerequisite: Z301.

BUS-W311 New Venture Creation (3 cr)
Primarily for those interested in creating a new business venture. Emphasis on personal, rather than corporate goals and strategy, and problems on creation, rather than management of an enterprise. Each student develops an investment feasibility study for a new company.
Offered every semester.
Prerequisite: W100, A201, L203, M301.

BUS-W406 Small Business Practicum (3 cr)
Application of theory, knowledge, and techniques learned in previous business courses in analyzing actual business problems and in offering recommendations for their solutions. Students are assigned to small businesses in the local or nearby community.
Prerequisite: consent of instructor (requires internship and/or SIFE involvement)

BUS-W430 Orgs. and Organizational Changes (3 cr)
Analysis and development of organizational theories with emphasis on environmental dependencies, sociotechnical systems, structural design, and control of the performance of

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Offered periodically.
Prerequisite: W100, Z301 or W301.
complex systems. Issues in organizational change, such as appropriateness of intervention strategies.

Offered fall semesters.
Prerequisite: E301 or E302.

BUS-W480 Professional Practice in Mgmt. (3-6 cr)
Provides work experience in cooperating firm or agency. Comprehensive written report required. Grades of A, S, or F are assigned by faculty.
Offered every semester.
Prerequisite: Junior or senior standing with a concentration in management and consent of department chairperson.

Economics & Finance

ECON-E103 Introduction to Microeconomics (3 cr)
Scarcity, opportunity cost, competitive and noncompetitive market pricing, and interdependence as an analytical core. Individual sections apply this core to a variety of current economic policy problems, such as poverty, pollution, excise taxes, rent controls, and farm subsidies.
Offered every semester.
Prerequisite: ENG-W131 or consent of instructor.

ECON-E104 Introduction to Macroeconomics (3 cr)
Review of basic probability concepts. Sampling, inference, and testing statistical hypotheses. Business applications of regression and correlation theory, time series analysis, analysis of variance, and elementary decision theory.
Offered every spring and fall semesters.
Prerequisite: MATH M118, or consent of instructor.

ECON-E340 Introduction to Labor Economics (3 cr)
ECON-E363 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 occasionally.
Prerequisite: E103 and E104.

ECON-E406 Undergraduate Seminar in Econ. (3 cr)
Discussion and analysis of contemporary economic problems. Different topics offered each semester. May be repeated twice for credit. Papers and written assignments ordinarily required.
Prerequisite: E103 and E104. and Senior standing with consent of instructor.

ECON-E408 Undergraduate Readings in Econ. (3 cr)
Individual readings and research.
Prerequisite: E103 and E104. and Senior standing with consent of instructor.

ECON-E430 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, money, monetary policy and fiscal policy as an analytical core. Individual sections apply this core to a variety of current economic policy problems, such as inflation, unemployment, and economic growth.
Offered every semester.
Prerequisite: ENG-W131 or consent of instructor.

ECON-E270 Introduction to Statistical Theory in Economics and Business (3 cr)
Prerequisite: E103 and E104.

ECON-E340 Introduction to Labor Economics (3 cr)
Offered Occasionally.
Prerequisite: E103 and E104.

ECON-E350 Money and Banking (3 cr)
Monetary and banking system of the United States. The supply and control of money. The impact of money on the U.S. economy. Topics in the application of Federal Reserve monetary policy. Analytical treatment of the Federal Reserve system and the commercial banking industry.
Offered occasionally.

Offered fall and spring semesters.

BUS-F251 Managing Personal & 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. Part of the Financial Literacy Curriculum.
Students who have taken BUS-F 260 will not receive credit for this course. BUS-F 151, F 152 and F 251 taken together and successfully completed are equivalent to BUS-F 260. May also be taken independently from course grouping.
Offered fall and spring semesters.

BUS-F260 Personal Finance (3 cr)
Financial problems encountered in managing individual affairs; family budgeting, installment buying, insurance, home ownership, and investing in securities. Recommended for first- and second-year students.
Prerequisite: E103 and E104.

BUS-F301 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.
Prerequisite: A201, A202, MATH-M118, ECON E103 and E104, E270, or consent of instructor.

BUS-F302 Financial Decision-Making (3 cr)
Application of financial theory and techniques of analysis in the search for optional solutions to financial management problems.
Prerequisite: F301.

BUS-F303 Intermediate Investments (3 cr)
Rigorous treatment of core concepts of investments for all students with a concentration in finance. In particular, enables you to develop the skills for portfolio optimization, pricing of equity, examining derivatives and fixed income, analyzing market efficiency, and understanding the basis of corporate financial policy.
Offered spring semesters.
Prerequisite: F301.

BUS-F420 Equity & Fixed Income Investment (3 cr)
Conceptual and analytical frameworks for formulating investment policies, analyzing securities, and construction portfolio strategies for individuals and institutions.
Offered fall semester.
Prerequisite: F301.

BUS-F446 Bank & Financial Intermediation (3 cr)
The main topics are: 1) the economic role of financial intermediaries, with an emphasis on commercial banks; 2) the evolution of market institutions in which banks and other financial intermediaries operate; and 3) the regulation of commercial banks and other financial institutions.
Offered fall semester.
Prerequisite: F301.

BUS-F480 Professional Practice in Finance (3-6 cr)
Work experience is offered in cooperating firms and agencies. Comprehensive written report required. Grades of A, S, or F are assigned by faculty.
Prerequisite: F301, junior or senior standing in major area, and consent of instructor.

BUS-F494 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 every spring.
Prerequisite: F301.

BUS-G300 Intro. to Managerial Economics and Strategy (3 cr)
Microeconomic analysis and its applications to business decision making. Includes topics of demand and consumer behavior, production and costs, theory of firms and public policy towards businesses. Focuses on the applied aspects of microeconomics. Credit given for only one: G300 or E321.
Offered fall semester.
Prerequisite: E103, E104, E270, MATH M118 or consent of instructor.

BUS-G480 Professional Practice in Business Economics (3-6 cr)
Provides work experience in cooperating firm or agency. Comprehensive written report required. Grades of A, S, or F are assigned by faculty.
Prerequisite: Junior or senior standing with a concentration in business economics and public policy, and consent of department chairperson.

BUS-K 230 Spreadsheet Modeling and VBA (3 cr)
The course has two main focuses. First of all, students will be introduced to Excel spreadsheet modeling techniques. Secondly, the students will be introduced to VBA (Visual Basic for Applications) in Excel.
Prerequisites: CSCI-A 110 or INFO-I 101 or permission of instructor.

BUS-K 312 Decision Modeling (3 cr)
Students will learn how to develop and to solve different types of decision models that can aid in solving business and industry related problems in areas such as finance, marketing, and operations. Microsoft Excel will be used to develop the models. Topics that will be covered in the course include linear, integer, non-linear, and network models, sensitivity analysis, project management, simulation, forecasting, and decision analysis.
Prerequisites: MATH-M 118, ECON-E 270 or BUS-K 300 or relevant statistics course.
Marketing

BUS-M300 Intro. to Marketing (3 cr)  (non-business majors)
Examines the market economy and marketing institutions in the U.S. Decision making and planning from the manager’s point of view; impact of marketing actions from the consumer’s point of view.
Substitutes for BUS-W206
Prerequisite: BUS-W100 or ECON-E103 and Junior standing; or, Junior standing and consent of instructor.

BUS-M301 Marketing Management (3 cr)
Overview of marketing. Marketing planning and decision-making examined from the firm’s and consumer’s viewpoints; marketing concept and company-wide implications; integration of marketing with other functions of the firm; international aspects.
Prerequisite: W100, ECON E103, E104, or consent of instructor.

BUS-M303 Marketing Research (3 cr)
Research methods and purposes examined in detail. Course includes a practical experience in research from formulation to presentation of issues.
Offered in fall.
Prerequisite: E270 or equivalent, M300 or M301 (or consent of instructor).

BUS-M325 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 in spring.
Prerequisite or Corequisite: M300 or M301 (or consent of instructor).

BUS-M401 International Marketing (3 cr)
Covers world markets, their respective consumers, and their political/economic marketing environments. Examines the marketing issues required to meet the product, promotion, distribution and pricing demands of a world market.
Offered in fall.
Prerequisite: M300 or M301 (or consent of instructor).

BUS-M405 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 in spring.
Prerequisite: M300 or M301 (or consent of instructor).

BUS-M415 Advertising & Promotion Mgmt (3 cr)
Basic advertising and sales promotion concepts. The design, management, and integration of a firm’s promotion strategy. Public policy aspects and the role of advertising in marketing communications in different cultures. Practical skills in public advertising included to provide implementation of theories.
Prerequisite: M300 or M301 (or consent of instructor).

BUS-M455 Topics in Marketing (3 cr)
Variable topic, variable credit course in Marketing. Offered occasionally.
Prerequisite: consent of instructor.

BUS-M480 Prof. Practice in Marketing (3 cr)
Work experience in cooperating firm or agency. Comprehensive written report required. Application must be filed with coordinator of internships. Offered every semester.
Prerequisite: M300 or M301 (or consent of instructor) and Junior Standing.

Master of Science in Management Courses

BUEA-M550 Leadership and Motivation (3 cr)
The course provides effective leadership examination with the use of employee rewards for human motivation in a complex and diverse working environment. Topics will include emerging leadership concepts such as transformational and visionary leadership, leadership integrity and stewardship.

BUEA-M551 Organizational Learning and Change Management (3 cr)
This course will examine components of organizational change and organizational design for learning in addition to increasing the capability for assessing and creating knowledge.

BUEA-M552 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-M553 Managerial Use of Financial Information (3 cr)
The course will provide the student to analyze information contained in company financial reports and other related financial market information with an emphasis on the uses of this information by manager for planning and control. Topics will include financial reporting, financial statement analysis, ratio analysis, risk and return, reading of financial pages and the use of financial markets and institutions.

BUEA-M554 Marketing Management (3 cr)
The course will consist of an integrated approach of the 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 understand and respond to common marketing management problems.

BUEA-M555 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 principles of profit determination, the U.S. Federal Reserve System’s role, and the U.S. Federal Government’s impact on economic policies.

BUEA-M556 Managerial Application of Information (3 cr)
The course focuses on how managers can use technology and information systems for ethical decision-making and problem solving in an international economy. Topics will include integrating and using technology and information systems as a strategic resource for planning, continuous quality improvement, and communications.

BUEA-M557 Contemporary Managerial Ethical Issues (3 cr)
The course will examine current 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-M558 Human Resource Management (3 cr)
The course will explore how decisions about human resources (HR) contribute to an organization’s overall effectiveness. Additionally, the course integrates HR activities with the organization’s strategic planning objectives. Students will study both traditional and contemporary HR issues from a practitioner’s perspective.

BUEA-M559 Global Leadership (3 cr)
This course 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 will include cultural comparisons of ethics, social responsibility and leadership, the crucial and distinctive functions of management versus leadership in an international setting, and the role of leadership in balancing firm profitability.

BUEA-M560 Strategic Management (3 cr)
The course will cover long-term managerial decisions and strategies 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-M561 Management Project (3 cr)

In this capstone course, the manager will synthesize and integrate the conceptual and theoretical knowledge and understanding acquired in the curriculum by developing a management plan. The emphasis is on written analytic material that can be utilized for program assessment as well as individual student assessment.

Computer Science

CSCI-A110 Intro. to Computers and Computing (3 cr)
No computing experience assumed. How computers work, word processing, spreadsheets, file management, web browsing, etc. Emphasis on problem solving techniques. Lecture and laboratory. Credit given for only one of A106, A110 or Business K201.
Offered every semester.
Prerequisite: One year of high school algebra or equivalent.

CSCI-C243 Introduction to Data Structures (3 cr)
Introduction to data structure concepts and common applications. Structures to be discussed include strings, lists, queues, stacks, graphs, trees, sequential files, random files, and indexed sequential files. Practical applications and algorithms are stressed.
Offered fall semesters.
Prerequisite: C202 or INFO-I211

Integrated Information Management

IIM-1300 Foundations and Principles of MIS (3 cr)
Introduction to concepts of management information systems. Techniques for information sharing, discussion of hardware and software standards. Supporting end users. Using microcomputers as workstations. Related ethical issues.
Offered every semester.
Prerequisite: BUS-W100, CSCI-A110, or INFO-I101

IIM-1380 Data Communications in MIS (3 cr)
Various communications media, protocols and standards used for integrating information among applications and offices including: cabling systems, local-area networks, wide-area networks, file servers, client-based systems, and multi-user systems. Evaluation and selection of hardware and software. Skills, tools, and techniques for managing a networked integrated environment.
Offered fall semesters.
Prerequisite: I100.

Computer Systems

BUS-S310 Systems Analysis & Design (3 cr)
Analysis of an organization and the subsequent design of computer systems to meet business requirements are at the heart of the computer information systems (CIS) field.

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Course is the first in a two-course sequence with S410 that addresses the multi-phase process for developing information systems. Courses follow the systems development life cycle, although alternative methodologies are also covered. This first course covers the phases from information systems planning through the specification of constructed system requirements in functional form (i.e., logical system design) and concentrates on methods, techniques, and tools used to determine information requirements and to document these requirements in a thorough and unambiguous form. Also introduces computer-aided software engineering (CASE) technology. Students learn the discipline of systems analysis and logical design through a hypoethical case situation.

Offered fall semesters.
Pre or Corequisite: Programming Class Experience, CSCI-A110, or INFO-I101.

BUS-S430 E-Commerce Strategic Analysis (3 cr)
An overview of electronic commerce applications in the retail, manufacturing, government, and health sectors. Applications will illustrate business-to-consumer, business-to-business, and intra-organizational electronic commerce in physical as well as digital products. Different business models underlying these electronic commerce applications will be highlighted and discussed from both operational and strategic perspectives.

Offered spring semesters.
Prerequisite: IIBM-300, CSCI-A110 or INFO-I101, or consent of instructor.

Informatix

INFO-I101 Introduction to Informatics (4 cr)
Emphasis on topics in human-computer interaction and human factors, collaborative technologies, group problem solving, ethics, privacy, and ownership of information and information sources, information representation and the information life cycle, the transformation of data to information, and futuristic thinking.

Offered every semesters.
Prerequisite: Computer Literacy.

INFO-I201 Mathematical Found. of Informatics (4 cr)
An introduction to the suite of mathematical and logical tools used in information sciences, including finite mathematics, automata and computability theory, elementary probability and statistics, and basics of classical information theory.

Offered spring semesters.
Prerequisite(s): I101, M118.

INFO-I202 Social Informatics (3 cr)
Introduction to key social research perspectives and literatures on 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 fall semesters.
Prerequisite: I101.

INFO-I210 Information Infrastructure I (4 cr)
The software architecture of information systems. Basic concepts of systems and applications programming. Credit given for only one of the following: INFO-I210 or CSCI-A201 (IUB) or [CSCI-C201 (IUOE)]

Offered fall semesters.
Suggested pre- or co-requisite: INFO-I101.

INFO-I211 Information Infrastructure II (4 cr)
The software architecture of information systems. Basic concepts of systems and applications programming. Credit given for only one of the following: INFO-I210 or CSCI-A201 (IUB) or [CSCI-C201 (IUOE)]

Offered spring semesters.
Prerequisite: INFO-I210.

INFO-I213 Website Design & Development (3 cr)
Introduction to web design and development covering high-level concepts in addition to hands-on activities. Topics include: Internet infrastructure, client-side technologies, embedded media, page design, site design, accessibility and others. Covers HTML, JavaScript, and cascading style sheets (CSS).

Offered spring semesters.
Prerequisite: INFO-I101, CSCI-A110 or permission of instructor.

INFO-I240 Health Informatics (3 cr)
This course introduces students to the basic concepts of healthcare and public health in the U.S., including the culture of healthcare, the history of health information technology (HIT) in the U.S., HIT standards, health-related data structures, software applications, enterprise architecture, Open Systems Interconnection (OSI) model, including the purpose and content of each of its seven layers, workflow analysis and redesign, and the history of health and public health IT and informatics in the U.S. This course lays the foundation for INFO-I241, Health Informatics II.

Offered spring semesters.
Prerequisite: INFO-I101 or CSCI-A110 or consent of instructor.

INFO-I241 Health Informatics II (3 cr)
INFO-I241, Health Informatics II, continues where INFO-I240 left off. The course provides and overview of health information technology project management, quality improvement in healthcare, specialized public health applications such as registries, epidemiological databases, biowaveintelligence, 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 food communication skills and group cohesion.

Offered spring semesters.
Prerequisite: INFO-I240.

INFO-I300 Human Computer Interaction (3 cr)
The analysis of human factors and the design of computer application interfaces. A survey of current HCI designs with an emphasis on the use of and redefining role of information technology, the changing character of work life and organizational practices, sociotechnical structures, and the rise and transformation of information-based industries.

Offered fall semesters.

INFO-I308 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, and XHTML. Laboratory topics include SQL and XPath querying.

Offered spring semesters.
Prerequisites: I101, I201, I210.

INFO-I320 Distributed Computing (3 cr)
An introductory treatment of distributed systems and programming. Topics range from distributed and object models of computation to advanced concepts such as remote method invocation, object brokers, object services, open systems and future trends for distributed information systems.

Offered fall semesters.
Prerequisite: INFO-I211.

INFO-I400 Topics in Informatics (3 cr)
Variable topic. Emphasis is on new developments and research in Informatics. Can be repeated twice for credit when topics vary; subject to approval of the Informatics director.

Offered occasionally.
Prerequisite: Junior standing or permission of instructor.

INFO-I491 Internship in Informatics: Professional Practice (6 cr)
Students put their Informatics education in practice through the development of a substantial project while working in a professional information technology environment. This is a capstone class for Informatics.

Offered fall and spring semesters.
Prerequisite: Senior standing and approval of program advisor and program director.

INFO-I492 & 493 Thesis / Senior Project (3/3 cr)
The senior student prepares and presents a thesis: a substantial, typically multichapter paper based on a well-planned research or scholarly project, as determined by the student and a sponsoring faculty member.

492 offered fall semesters.
493 offered spring semester.
Prerequisite: Senior standing & approval of program advisor.

INFO-I494 & 495 Design & Development of an Information System (3/3 cr)
Students work on capstone projects in supervised teams. They select an appropriate project (preferably based on cognate) and then learn to develop a plan that leads to success. Teamwork, communication, and organizational skills are emphasized in a real-world-style environment.

494 offered fall semesters.
495 offered spring semesters.
Prerequisite: Approval of the program advisor and program director and completion of required core informatics courses.

INFO-I499 Reading & Research in Informatics (3 cr)
Independent readings and research related to a topic of special interest to the student. Written report required.

Offered occasionally.
Prerequisite: Consent of instructor and completion of 100 and 200 level requirements in Informatics.
EDUCATION

Education Foundations

EDUC-E337 Classroom Learning Environments (3 cr)
This course focuses on the curriculum aspects of early childhood programs designed to meet the social 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-E449 Trade Books & Classroom Teacher (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-E325 Social Studies in Elem. Schools (3 cr)
Emphasizes the development of objectives, teaching strategies, and evaluation procedures that facilitate the social learning of young children. Special attention given to concept learning, inquiry, decision making and value analysis. Offered fall and spring semesters.

EDUC-E328 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.

EDUC-M201 Laboratory/Field Experience (1 cr)
Laboratory or field experience for sophomores (may be repeated).
Corequisite: M250

EDUC-M300 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 fall and spring semesters.

EDUC-M301 Laboratory/Field Experience (1 cr)
Laboratory or field experience for sophomores and juniors (may be repeated).
Corequisite: E328, E339, E340, E343, E314

EDUC-M311 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: M245

EDUC-M314 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 spring semesters.

EDUC-M324 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 and spring semesters.

EDUC-M401 Laboratory/Field Experience (0-3 cr)
Laboratory or field experience for juniors or seniors (may be repeated).

EDUC-M425 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-M440 Methods of Teaching SH / JH / MS Mathematics (1-5 cr)
Methods, techniques, content, and material applicable to the teaching of mathematics in the SH/JH/MS.
Offered fall semesters.
Corequisite: M401

EDUC-M446 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: M401

EDUC-M452 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: M401

EDUC-M457 Methods of Teaching SH / JH / MS Mathematics (2-4 cr)
Curriculum, methods, and materials for teaching students to read more effectively.
Offered fall semesters.
Corequisite: M401

EDUC-M464 Methods of Teaching Reading (3 cr)
Curriculum, methods, and materials for teaching students to read more effectively.
Offered fall semesters.
Corequisite: M401

EDUC-M470 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-M480 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 Introduction to Early Childhood Education (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 fall 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/elementary 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, science, literacy, and art will be emphasized. Field experience required. Offered summer only.

English as a New Language

EDUC-L 403 Assessment Literacy for Cultural and Linguistic Diversity (3 cr)
Defines 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, implementing, and equitable classroom assessments for and of learning.

EDUC-L 441 Bilingual Education: Introduction (3 cr)
Bilingual Education of the pre-school/elementary 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.

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-K305 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-K306 Teaching Students with Special Needs in Secondary Classrooms (3 cr)
Includes an overview of the skills and knowledge necessary for effective instruction of students with disabilities in secondary programs.

EDUC-K352 Education of Students with Learning Disorders (2 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
Provides students with an overview of current movement in the field of special education. Major emphasis is on application and implementation of principles mandated by P.L. 94-142 and Section 504 of the Rehabilitation Act of 1973.

EDUC-K495 Laboratory/Field Experiences in Special Education (cr. arr.: Max. 9)
Provides the student with a field-based, supervised experience with individuals with severe handicaps. It allows the opportunity to work with 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-K500 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-K505 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 K205 and K505.

EDUC-K520 Survey of Behavior Disorders (3 cr)
An advanced survey of the literature related to behaviorally disorders/emotionally disturbed children including historical information, theoretical approaches, characteristics, and issues.

EDUC-K525 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-K535 Assessment/Remediation of Mildly Handicapped (1 cr)
Permission of instructor. This course focuses on the collection and use of formal and informal assessment information for designing the content of individual educational plans for handicapped children in various academic areas such as reading and mathematics.

EDUC-K590 Ind. Study in Special Education (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.

EDUC-K595 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 and 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)

E111 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.

E113 Billiards (1 cr.)
Instruction in basic skills, including bridge forming, stroke
E121 Conditioning and Weight Training (1 cr)
Instruction in basic principles of conditioning and weight training. Emphasis on muscular strength, muscular endurance, flexibility, and cardiorespiratory endurance.
Offered during year.

E131 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.

E133 Fitness and Jogging (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 during year.

E135 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 overall handicap.
Offered during year.

H160 First Aid and Emergency Care (2 cr)
Instruction in the fundamentals of power volleyball, including the overhead serve, bump, set, dig, and spike. Team offensive and defensive strategies.
Offered during year.

P185 Volleyball (1 cr)
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.

P211 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.

P219 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.

P290 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.

P435 Philosophical Foundations of Coaching (3 cr)
Requires 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.

P455 Practicum in Coaching (3 cr)
Includes a weekly seminar. Juniors/Senior standing and admission to the coaching minor. (Limited to coaching minor students or permission of instructor.) Students will serve as an assistant under an experienced coach and will participate in regular practice sessions. CPR and First Aid Certification must be completed and recorded prior to HPER P.455.

P361 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.

P362 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.

P363 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.

P364 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.

P370 Coaching of Soccer (2 cr)
Theory and methods of coaching soccer covering technical, administrative, and organizational aspects of the process. Emphasis on execution of advanced skills and small group skills, team offense and defense patterns, conditioning, and organizing practice sessions.

P371 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 small group skills, team offense and defense patterns, conditioning, organizing practice sessions.

Principles of Sports Officiating (1 cr)
Ethics of sport officiating; mastery, interpretation, and application of sports rules. Laboratory and classroom experiences. The opportunity to obtain IHSAA certification at the conclusion of the class will be offered. Principles of Sports Officiating may be taken for different sports.

P211 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.

P211 Managing a Business for Non-Business Majors (3 cr)
No prerequisites. Course focuses on key business management principles and practices. The course is designed for non-business majors who are interested in learning more about how they would market the 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).

P228 Issues 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.

P439 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-P250 General Educational Psychology (4 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-P254 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-Q200 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-W200 Using Computers in Education (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.

EDUC-X400 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-X401 Crit. Reading in 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.

HUMANITIES & SOCIAL SCIENCES

Anthropology

ANTH-A103 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-A104 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-A150 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-A405 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-A400 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: A104, A 103, or S 100 Introduction to Sociology.

ANTH-A495 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-B200 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-E200 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-E300 Culture Areas and Ethnic Groups (3 cr)
An ethnographic survey of a selected culture area or ethnic group.
Offered fall semester, alternating years.
Prerequisites: A103, A104 or consent of instructor

ANTH-E310 Cultures of Africa (3 cr)
Ethnographic survey of culture areas south of the Sahara.
Offered occasionally.
Prerequisites: A104, A103 or consent of instructor

ANTH-E320 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: A104, A103 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-P210 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-P301 Archaeological Methods & Analyses (3cr)
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 P400 and P301.
Offered occasionally.
Prerequisites: P200 or consent of instructor

ANTH-P360 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-P405 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-C122 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-C205 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-C223 Business & Prof. Communication (3 cr)
Examines organizational communication, with emphasis on skills acquisition. Developed skills include interviewing, group discussion, parliamentary procedure, and public speaking.

CMCL-C225 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-C304 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-C307 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-C309 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-C328 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-C315 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-C334 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-C380 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-C405 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 SCPS-S 405
Offered spring semesters
Prerequisite: CMCL-C 205

CMCL-C424 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-C427 Cross-Cultural Communication (3 cr)
A survey study of national, cultural, and cross-cultural persuasion in theory and practice.

CMCL-C440 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-C450 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. Examines how the media present, influence, and reinforce gender stereotypes.

CMCL-C490 Capstone Seminar in Communication (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

Criminal Justice

CIUS-K300 Techniques of Data Analysis (3 cr)
Prerequisite: CIUS-P100 or consent of instructor, any college math course except MATH-M117. Covers the properties of statistical methods, 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.

CIUS-P 100 Introduction to Criminal Justice (3 cr)
Historical and philosophical background, structure, functions, and comparison of the criminal justice system in the United States. Introduction to and principles of formal behavior control devices. Previously SPEA J101

CIUS-P 200 Theories of Crime and Deviance (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. Critical examination of biological, psychological, and individual, group, and societal reactions to norm-violating behaviors. Previously SPEA J203

CIUS-P 295 Criminal Justice Data, Methods and Resources (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. 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 J202

CIUS-P 300 Topics in Criminal Justice (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. 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 J370

CIUS-P 301 Police in Contemporary Society (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. Examination of the roles and responsibilities of the police, history of police organizations, relations between police and society, and determinants of police action. Previously SPEA J321

CIUS-P 302 Courts and Criminal Justice (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. Structure, organization, composition, functions, and proceedings of courts in the United States. Role of lawyers and judges in the criminal justice process. Previously SPEA J322

CIUS-P 303 Corrections and Criminal Justice (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. 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 J304

CIUS-P 320 Foundations of Criminal Investigation (3cr)
Prerequisite: CIUS-P100 or consent of instructor. 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-J302

CIUS-P 330 Criminal Justice Ethics (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. 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.

CIUS-P370 Criminal Law (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. Definition of criminal offenses and their use as a tool of social control. Examination of legal systems on investigative process, and elements of effective testimony. Previously SPEA J303

CIUS-P 374 Substantive Criminal Law (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. The development, limitations, and application of substantive criminal law utilizing the case study method.

CIUS-P 375 American Juvenile Justice System (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. 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 J305

CIUS-P 376 Procedural Criminal Law (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. Criminal law application and procedure from the initiation of police activity through the correctional process, utilizing the case-study method.

CIUS-P 411 Criminal Justice Management (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. 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.

CIUS-P 422 Crime in the Mass Media (3 cr)
Prerequisite: CIUS-P100 or consent of instructor. Examination of the relationship between crime and the mass media.
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.

CJUS-P 457 Seminar on White-Collar Crime (3 cr)
Prerequisite: CJUS-P100 or consent of instructor. The etiological theories relating to white-collar crime, the course will also focus on both the criminal and civil (regulatory) control 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.

CJUS-P470 Senior Seminar in Criminal Justice (3cr)
Prerequisite: Senior standing. CJUS-K300 (or equivalent), CJUS-P295. 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

CJUS P481 Field Experience in Criminal Justice (1-6 cr)
Field experience with directed readings and writing.

CJUS-P 493 Seminar in Criminal Justice (3cr)
Prerequisite: CJUS-P100 or consent of instructor. 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

CIJS-P496 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-G205 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-G207 Grammar and Usage (3 cr)
Provides students with a foundation in traditional grammar and usage. Offered spring semesters.

ENG-G301 History of the English Language (3 cr)
Historical and structural analysis of English language in stages of its development. Political and social events affecting development of language: interrelationship of language and literature, evolution of modern English phonology, syntax, orthography, and lexis. Offered fall semester, odd years.

ENG-G500 Introduction to the English Language (3 cr)
An introduction to the English language: its nature, structure, and development. Offered fall, odd years.

ENG-G552 Linguistics for Teachers (4 cr)
Topics in applied English linguistics, intended for English teachers at all levels. Offered fall, even years.

ENG G652 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-G660 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-D600 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-C205 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-L202 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: W111 or equivalent.

ENG-L203 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-L204 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-L205 Introduction to Poetry (3 cr)
A basic course that will enable students to talk and write about poetry. Offered occasionally.

ENG-L207 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-L208 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.

ENG-L209 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-L225 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-L250 American Literature Before 1865 (3 cr)
An introductory survey of representative works with an emphasis on major writers. Offered occasionally. Prerequisite: W111 or equivalent.

ENG-L251 American Literature After 1865 (3 cr)
An introductory survey of representative works with an emphasis on major writers. Offered occasionally. Prerequisites: W131 or equivalent.

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

ENG-L297 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-L298 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-L299 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-L306 Middle English Literature (3 cr)
A survey of Middle English lyrics, drama, and romance, with special attention to Langland, The Pearl, poet, and Gower, designed to acquaint the student with the language and literary development of England from 1066 to 1500. Offered spring semester even years.

ENG-L308 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-L309 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 for those with some literature and writing background. Offered spring semester, odd years.

ENG-L315 Major Plays of Shakespeare (3 cr)
A close reading of a representative selection of Shakespeare’s major plays. Offered fall semester, odd years.

ENG-L317 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-L322 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-L323 Romantic Literature (3 cr)
British literature and culture in the age of Romanticism and the revolutionary era (ca. 1786-1830). Poetry, fiction, drama, and non-fiction writings from major and minor authors, such as Austen, Blake, Byron, Coloridge, Scott, the Shelleys, Keats, Wollstonecraft, and the Wordsworths.
Offered occasionally.

ENG-L335 Victorian Literature (3 cr)
Major poetry and prose, 1830-1900, studies against social and intellectual background of period.
Offered spring semester, odd years.

ENG-L337 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 “Idyls of the King” or Barrett Browning’s “Aurora Leigh”.
Offered occasionally.

ENG-L345 Twentieth-Century British Poetry (3 cr)
Modem poets, especially Yeats, Eliot, Auden; some later poets may be included.
Offered occasionally.

ENG-L346 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-L347 British Fiction to 1800 (3 cr)
Forms, techniques and theories of fiction as exemplified by such writers as Defoe, Richardson, Fielding, Smollett, and Sterne.
Offered occasionally.

ENG-L348 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-L351 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 constrictions 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-L352 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-L354 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-L355 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-L356 American Poetry to 1900 (3 cr)
Includes work of Bradstreet, Taylor, the fireside poets, Poe, Emerson, Whitman, Dickinson, and Crane.
Offered occasionally.

ENG-L357 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-L358 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-L360 American Prose (Excluding Fiction) (3 cr)
Examines—but is not limited to—such nonfiction genres as the personal or political essay, science writing, journalism exposed, 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-L361 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-L364 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-L367 Literature of the Bible
Study of the Hebrew Bible and New Testament with emphasis on questions of reading and interpretation.
Offered occasionally.

ENG-L369 Studies in American & British Authors (3 cr)
Studies in single authors (such as Woolf 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-L370 Black American Writing (3 cr)
A study of the major black American writers, with special emphasis on recent writing.
Offered spring even years.

ENG-L371 Introduction to Critical Practices (3 cr)
Study of and practice in critical methodologies. Can be focused on specific topics.
Offered spring semesters.

ENG-L372 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-L378 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-L379 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 American traditions.
Offered fall semester, odd years.

ENG-L381 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 distinctively ethnic writers); several recent novelists, poets, or critics; or any combination of groups. May be repeated once for credit.
Offered occasionally.

ENG-L382 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-L383 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-L384 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-L390 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-L391 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 fiction, and other areas of interest to teenage readers.
Offered spring semester, even years.

ENG-L392 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-L394 Film as Literature
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-L395 British and American Film Studies (3 cr)
Intensive study of specific topics related to film narratives; Emphasis on American or British film as a cultural phenomenon. Topic varies. Offered occasionally.

ENG-L450 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-L506 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-L553 Studies in Literature (4 cr)
Primarily for secondary-school and junior-college teachers of English. Emphasis on thematic, analytic, and generic study. With consent of instructor, may be repeated once for credit.

ENG L553 American Literature 1800-1900 (4 cr)
Intensive historical and critical study of all genres from Washington Irving through Frank Norris.

ENG L680 Special Topics in Literature (4 cr)
Readings in sociological, political, psychological, and other approaches to literature. Offered occasionally.

ENG-L682 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.

English Writing & Composition

ENG-W130 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 W 131. Offered fall, spring, and summer semesters. Prerequisites: Placement

ENG-W 131 Reading, Writing, And Inquiry I
W131 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-W203 Creative Writing (3 cr)
Experatory course in the writing of poetry and/or fiction. Offered fall, spring, and occasional summer semesters. Prerequisites: W 131

ENG-W 230 Science Writing
Instruction in preparing scientific reports, proposals, visuals, and research projects with instruction in CBE documentation and style. Offered spring semesters. Prerequisites: W 131

ENG-W231 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: W131 (with a grade of C or better)

ENG-W270 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: W131 with a grade of C or better

ENG-W290 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-W301 Writing Fiction (3 cr)
Further exploration in the art of fiction writing. May be repeated once for credit. Offered fall semester. Prerequisite: W 131, Co-requisite: W 203

ENG-W303 Writing Poetry (3 cr)
Further exploration in the art of poetry writing. May be repeated once for credit. Offered in fall semesters. Prerequisites: W 131, Co-requisite: W 203

ENG-W311 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: W 131, W 203

ENG-W321 Advanced Technical Writing (3 cr)
Instruction in preparing technical reports, with an emphasis on the use of graphics. Offered spring semester, online. Prerequisites: W231

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-W350 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-W395 Individual Study of Writing (3 cr)
Topics vary by semester. Offered spring semester, odd semesters, online.

ENG-W400 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-W401 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: W 301 or permission of instructor.

ENG-W403 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 W303. Prerequisite: W303 or permission of instructor.

ENG-W405 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. Prerequisites: W132 or 200-level writing course.

ENG-W411 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-W500 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, diagnostic errors, teaching style and organization, making assignments, and evaluating student writing. Offered in summer session.

ENG-W501 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 W 131 or as a practicum for those teaching the non-native sections. Offered fall semesters.

ENG W507 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.

FINA A342 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 101

FINA A390 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 A305 and HIST T325

FINA H100 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 F100 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 F101 Fundamental Studio 3-D (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 F102 Fundamental Studio 2-D (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 F118 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 S200 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 S230 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 S260 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 S270 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.

FINA S280 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 finishing techniques.

Offered fall, spring and summer semesters.

FINA S301 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: S200 or F100

FINA S331 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 such as color, volume, value, and scale. Media: oil or acrylics.

Offered in fall semesters, as well as occasionally in summer. Can be taken once for credit.

Prerequisite: S230

FINA S361 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 S371 Sculpture II (3 cr)
Development of skills in both traditional and contemporary sculpture methodology. Rotating sculpture 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 S381 Metalsmithing & Jewelry Design II (3 cr)
Extensive drawing, designing, and model making for exploring forms and ideas in metal and mixed media, such as jewelry, hollow ware, flatware, boxes, or small-scale sculpture. Focuses on techniques of angle raising, repousse 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 S400 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 S401 Drawing III (3 cr)
Advanced course in drawing. Continuation of S301.

Offered in spring semesters, as well as occasionally in summer.

Repeatable up to 15 hours.

Prerequisite: S301

FINA S431 Painting III (3 cr)
Advanced course in painting. Continuation of S331.

Offered in fall and spring semesters. Repeatable up to 15 hours.

Prerequisite: S331

FINA S461 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-S471 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: S371
FINA-T255 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 early education majors. T255 does not count toward the Fine Arts major or the Humanistic/Aesthetic general education competency area. Offered occasionally
FINA-U401 Special Topics in Studio Art (1-3 cr.)
Special topics in studio art not ordinarily offered in other departmental courses.
Offered occasionally in the summer.
Prerequisite: Any 200 or 300 level studio course.

French Language & Cultures
FREN-F100 Elementary French I (4 cr)
Introduction to French Language and selected aspects of French civilization and culture. No pre-requisite.
Offered every fall semester and summer session I.
FREN-F150 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-F100 or equivalent.
Offered every spring semester and summer session II.
FREN-F200 Second-Year French I: Language and Culture (3 cr)
Grammar, composition, conversation coordinated with the study of cultural texts. Taught in French.
Offered every spring semester.
FREN-F250 Second-Year French II: Language & Culture (3 cr)
Catalogue Description: Grammar, composition, conversation coordinated with the study of cultural texts. Taught in French.
Offered every spring semester.

FREN-F312 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.

FREN-F371 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.

GER-200 Intermediate German I (3 cr)
Pre-requisite: GER-G150 or equivalent.
Offered occasionally.

GER-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-G200 or equivalent.
Offered occasionally.

GER-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 pre-requisite.

HIST-A300 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-A302 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 H-106 as prerequisite or co-requisite.
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-B306 Modern European Race, Gender, and Identity (3cr)
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 H-109 as prerequisite or co-requisite.
Regime (3 cr)
Russia on the eve of World War I; impact of World War I on Russian Society; the revolutions of 1971; 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 H-109 as prerequisite or co-requisite. Offered occasionally.

HIST-F341 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 H-109 as prerequisite or co-requisite. Offered occasionally.

HIST-H105 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-H106 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-H108 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-H109 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 Mideast. Global inter-dependence as basic theme of 20th century. Offered every semester, including summers.

HIST-H205 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-H206 Medieval Civilization (3 cr)
European institutions, social and intellectual history from late Roman Empire to Renaissance. Greco-Roman and Christian institutions, Byzantine and Islamic influences, town revival and trade, rise of universities, emergence of national states and literatures. Offered occasionally.

HIST-H216 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 campaign 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-H217 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-H219 Origins and History of the Second World War (3cr)

HIST-H221 Studies in African, Asian, or Latin American History (3 cr)
Study and analysis of selected topics, themes, 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-H225 Special Topics in History (3 cr)
Study and analysis of selected historical issues and problems of general importance from the perspectives 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-H232 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-H260 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-J495 Proseminar in History (3 cr)
Consent of the instructor. Selected topics of history. May be taken three times. Offered spring semester.

HIST-T325 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

HIST-J495 Proseminar in History (3 cr)
Selected topics of history. May be taken three times. Offered spring semester.

HIST-T325 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) S/F grading. Faculty-supervised experience in museum work, historic preservation, historical societies, oral history, or other history-related fieldwork in private and public institutions. May be repeated for a maximum of 6 credit hours; only 3 credit hours may count toward the major. Pre-requisites: Junior standing and 12 credit hours of related
Music History

MUS-M174 Music for the Listener (3 cr)
Open to all students. 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.
Offered fall semester and some spring semesters.
Prerequisite: None

MUS-M175 Music for the Listener II (3 cr)
Music of the 19th and 20th centuries. More intensive coverage than M174.
Offered spring semester.
Prerequisite: None

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, every year.

MUS-M 404 History of Music II (3 cr)
Continuation of M403. Study of music from 1750 to the 20th Century. Analysis of representative compositions; relationships of music to the socio-cultural background of each epoch. Intended for music students or highly motivated non-music majors.
Offered in spring semester, odd years.

MUS-M430 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 201 History of Rock and Roll Music (3 cr)
A survey of the major Trends, styles and genres of rock music 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-Z393 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 (2 cr)
IUE 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)
Pratic 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.

JOUR-J210 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-J219 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-J290 Internship in Journalism (1-3 cr)
You will produce campus student newspaper. May be repeated once for credit.
Offered as needed.
MUS-P 100 Piano Elect/Secondary (2 cr)
Private piano 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 200 Guitar (2 cr)
Class piano for beginning piano students. For those with little prior technical training. Prerequisite: P110 or consent of instructor.
Offered fall and spring semesters. Repeatable for credit.

MUS-D 100 Percussion Elect/Secondary (2 cr)
Applied lessons are based in performance skills. Lessons are designed to develop technical facility, music literacy, sight reading, improvisation and musicianship. Pre-requisites: MUS-W 150 or consent of instructor.

MUS-V 200 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 100 Saxophone Elect/Secondary (2 cr)
Individual flute/piccolo elect/secondary 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
Applied lessons are based in performance skills. Lessons are designed to develop technical facility, music literacy, sight reading, improvisation and musicianship. Pre-requisites: MUS-W 150 or consent of instructor.

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-V 420 Music Concentration Capstone
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. Basics of the Music Instrument Digital Interface system, it’s software, and the instruments commonly used with desktop MIDI workstations (synthesizers, digital samplers). MIDI sequencing, digital audio editing, and principles of digital synthesis. The course is intended for those with little prior technical training. Offered occasionally.

Philosophy

PHIL-P100 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-P105 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-P120 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-P140 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-P150 Elementary Logic (3)
Cross-listed with PHIL-P 105 Critical Thinking.

PHIL-P200 Problems of Philosophy (3 cr)
Selected writings of modern philosophers concerning some of the most important philosophical problems. Offered occasionally.

PHIL-P282 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-P371 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-P393 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-P398 Readings in Philosophy
Intensive study of selected authors, topics, and problems.

PHIL-P497 Internship in Philosophy (1-3 Cr)
Designed to provide academic credit for paper or other project done for supervisor of the internship in a given semester. The student will also be assisting in some course(s) in this
Political Science

POLS-Y103 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-Y105 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-Y107 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-Y109 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-Y200 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-Y205 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 as 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-Y122 Making Democracy Work (3 cr)
Nature and justifications for democratic politics and the problems confronting democracy today. Denial 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-Y303 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-Y304 Constitutional Law (3 cr)
American political powers and structures; selected Supreme Court decisions interpreting American constitutional system.
Offered fall semesters and online.

POLS-Y305 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-Y308 Urban Politics (3 cr)
Political behavior in modern American communities; emphasizing the impact of municipal organization, city officials and bureaucrats, 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 Y316 Public Opinion and Political Participation (3 cr)
The nature of public opinion on major domestic and foreign policy issues; mass political ideology; voting behavior and other forms of political participation; political culture; 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 Y319 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-Y320 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-Y324 Women and Politics (3 cr.)
Analysis of women in contemporary political systems, domestic or foreign with emphasis on political roles, participation and public policy. Normative and/or empirical examination of how political systems affect women and the impact women have on the system(s). Topics vary semester to semester.
Offered every other spring semester and online.

POLS-Y325 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-Y338 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, United Nations, World Bank, and non-governmental organizations; and globalization.
Offered occasionally.

POLS-Y 340 East European Politics (3 cr)
Examines the political history of the East European countries, with an emphasis on the countries of the former Eastern Bloc. Special attention is given to the political, economic, and social development of these countries.
Offered occasionally.

POLS-Y345 Comparative Revolutions (3 cr)
Focuses on 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.

POLS-Y380 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.

POLS-Y381 Classical Political Thought (3 cr)
An exposition and critical analysis of the major political philosophers and philosophical schools from Plato to Machiavelli.
Offered occasionally.

POLS-Y382 Modern Political Thought (3 cr)
An exposition and critical analysis of the major philosophers and philosophical schools from Machiavelli to present.
Offered occasionally.

POLS-Y384 Development 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.

POLS-Y481 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.

POLS-Y490 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.

**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-B309 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-B354 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 P103, and PSY P216 or equivalent, or consent of instructor.

**PSY-B366 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.

Prerequisites: PSY P103 General Psychology, PSY P211 Methods of Experimental Psychology, K300 Statistical Techniques or equivalent, or consent of instructor. Must have Junior or Senior standing.

**PSY-B 386 Introduction to Counseling (3 cr)**

This course will help students acquire a repertoire of basic counseling interview skills and strategies and expose students to specific helping techniques. This will be an activity-based course and students will enhance general education goals of listening and problem solving.

Offered on campus fall semesters.

Prerequisites: PSY-P103 or equivalent. Consent of instructor or Junior or Senior standing.

**PSY-B388 Human Sexuality (3 cr)**

A survey of human sexuality to increase knowledge and comfort regarding sexuality in a variety of aspects, i.e., sexual behavior and response, influences of culture and environmental factors, psychological issues, disability effects on sexuality, sexual research, anatomy and physiology.

Offered occasionally.

Prerequisites: P103 or equivalent. Consent of instructor or Junior or Senior standing.

**PSY-K300 Statistical Techniques (3 cr)**

Introduction to statistics; the nature of statistical data; ordering and manipulation of data; measures of central tendency and dispersion; elementary probability. Concepts of statistical inference and decision; estimation and hypothesis testing. Special topics include regression and correlation, analysis of variance, non-parametric methods. Credit not given for both K300 and K310.

Offered on campus fall and spring semesters.

Prerequisites: PSY P103

Recommended prerequisite: PSY-P211 Methods of Experimental Psychology or equivalent. Junior or Senior class standing or consent of instructor and ability to use basic algebra. MATH B111 is recommended.

**PSY-P103 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-P199 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-P211 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-P103 General Psychology or equivalent or consent of instructor.

**PSY-P216 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: P103 General Psychology or equivalent or consent of instructor.

**PSY-P319 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-P103 General Psychology and PSY-P211 Methods of Experimental Psychology or equivalent.

Junior or Senior class standing or consent of instructor.

**PSY-P320 Social Psychology (3 cr)**

Principles of scientific psychology applied to individual in social situations.

Offered on campus spring semesters.

Prerequisites: PSY-P103 General Psychology and PSY-P211 Methods of Experimental Psychology or equivalent.

Junior or Senior class standing or consent of instructor.

**PSY-P324 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-P103 General Psychology and PSY-P211 Methods of Experimental Psychology or equivalent.

Junior or Senior class standing or consent of instructor.

**PSY-P325 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-P103 General Psychology and PSY-P211 Methods of Experimental Psychology or equivalent.

**PSY-P326 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-P103 General Psychology and PSY-P211 Methods of Experimental Psychology or equivalent.

Completion of a Biology course. Junior or Senior class standing or consent of instructor.

**PSY-P328 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-P103 General Psychology and PSY-P211 Methods of Experimental Psychology or equivalent.

Junior or Senior class standing or consent of instructor.

**PSY-P329 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-P103 General Psychology and PSY-P211 Methods of Experimental Psychology or equivalent.

Junior or Senior class standing or consent of instructor.

**PSY-P335 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.
Courses —

PSY-P336 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-P103 General Psychology and PSY-P211 Methods of Experimental Psychology or equivalent. Junior or Senior class standing or consent of instructor.

PSY-P390 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 class standing or consent of instructor.

PSY-P425 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-P103 General Psychology and PSY-P211 Methods of Experimental Psychology or equivalent. Junior or Senior class standing or consent of instructor.

PSY-P450 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-P103 General Psychology and PSY-P211 Methods of Experimental Psychology or equivalent. Junior or Senior class standing or consent of instructor.

PSY-P457 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-P103 General Psychology Recommended prerequisite: PSY-P211 Methods of Experimental Psychology or equivalent. Junior or Senior class standing or consent of instructor.

PSY-P459 History and Systems of Psychology (3 cr)
Historical background and critical evaluation of major theoretical systems of modern psychology: Structuralism, functionalism, associationism, behaviorism, Gestalt psychology, and psychoanalysis. Methodological problems of theory construction and system making. Emphasizes integration of recent trends. This course satisfies the requirement for a capstone course for the Psychology major. Offered online, fall semesters.
Prerequisites: PSY-P103 General Psychology and 6 hours of psychology courses. Consent of instructor required. Senior standing recommended.

PSY-P493 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-P103 General Psychology or equivalent, PSY-P211 Methods of Experimental Psychology or equivalent and PSY-K300 or equivalent. Junior or Senior class standing or consent of instructor.

PSY-P494 Supervised Research II (2-3 cr)
A continuation of PSY 493. Course will include a journal report of the 2 semesters of work. Offered spring semesters.
Prerequisites: PSY 493. Consent of instructor and Junior or Senior standing.

PSY-P495 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-P103 General Psychology or equivalent and PSY-P211 Methods of Experimental Psychology or equivalent. Consent of instructor and Junior or Senior standing. PSY-P493 and PSY-P494 recommended.

Religious Studies

REL-R110 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-R152 Jews, Christians, Muslims (3 cr)
Patterns of religious life and thought in the West; continuities, changes, and contemporary issues.

Offered occasionally.

REL-R160 Introduction to Religion in America (3 cr)
Introduction to religious traditions and practices that influenced American history and culture. Offered fall semesters.

REL-R170 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-R180 Introduction to Christianity (3 cr)
Survey of beliefs, rituals, and practices of the Christian community with a focus on the varieties of scriptural interpretation, historical experience, doctrine, and behavior. Offered occasionally.

REL-R210 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-R220 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-S100 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-S215 Social Change (3 cr)
Introduction to theoretical and empirical studies of social change. Explores issues such as modernization; rationalization; demographic, economic and religious causes of change; reform and revolution. Generally offered every other fall semester. Prerequisite: S100 or consent of instructor.

SOC-S217 Social Inequality (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.

SOC-S315 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: S100 or consent of instructor.

SOC-S316 The Family (3 cr)
Cross-cultural perspectives on family systems; structure and process of the conjugal family in modern and emerging

Courses —
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 systemic theory.

Offered occasionally.
Prerequisite: S100 or consent of instructor

SOC-S320 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: S100 or consent of instructor

SOC-S325 Criminology (3 cr)
A study of the patterns of crime, strategies for control, and theories of crime causation.

Offered occasionally.
Prerequisite: S100 or consent of instructor

SOC-S329 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: S100 or consent of instructor

SOC-S335 Race and Ethnic Relations (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.

Offered every fall and summer I semesters.
Prerequisite: S100 or consent of instructor

SOC-S410 Topics: Media and Society (3cr)
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 different topics.

Offered occasionally.

SOC-S410 Topics: 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.

Offered every other fall semester.
Prerequisite: S100 or consent of instructor

SOC-S413 Gender and Society (3 cr)
Origin, development, and termination of social conflict; its organizing and disorganizing effects; its control.

Offered occasionally.
Prerequisite: S100 or consent of instructor

SOC-S427 Social Conflict (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.

Offered every fall semester.
Prerequisite: S100 or consent of instructor

SOC-S494 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 S494 and S495.
Prerequisite: consent of instructor and prior arrangement.

SOC-S495 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 S494 and S495.
Prerequisite: Consent of instructor and prior arrangement, usually in conjunction with honor work.

Spanish Language & Culture

HISP-S 306 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, even years.
Prerequisite: SPAN-S 250 or consent of instructor

SPAN-S100 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-S150 Elementary Spanish II (4 cr)
Catalogue Description: 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: S100 or equivalent

SPAN-S200 Second Year Spanish I (3 cr)
Continuation of S100-S150, with increased emphasis on communication skills and selected readings.

Offered every fall semester and summer session I.
Prerequisite: S150 or equivalent

SPAN-S250 Second Year Spanish II (3 cr.)
Continuation of S200, with increased emphasis on communication skills and selected readings. Taught in Spanish.

Offered every spring semester and summer session II.
Prerequisite: S200 or equivalent

SPAN-S229 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, art, and architecture. Taught in English.

Offered occasionally.

SPAN-S230 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-S235 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-S241 Golden Age Literature in Translation (3 cr)
Masterpieces of Spanish literature of the sixteenth and seventeenth centuries. Representative authors include: Lope de Vega, Cervantes, Garciélao, Quevedo, Calderón, Fray Luis 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-S270 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-S275 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-S200

SPAN-S284 Women in Hispanic Culture (3 cr)
Images, roles, and themes involving women in Hispanic cultural productions. Taught in English. Offered occasionally.
No prerequisite.

SPAN-S290 Topics in Hispanic Culture (3 cr)
Emphasis on one topic, author, or genre in Hispanic culture. May be repeated once for credit with different topics. Taught in English.

No prerequisite.
SPAN-S303 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-S360 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 consent of instructor.

SPAN-S390 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-S493 Internship Program in Spanish (3 cr)  
Teaching practice is placed on intergovernmental relations as they affect policy in the federal system.  
Prerequisite: CJUS-P100 or consent of instructor.  
Offered occasionally.

Spain-V263 Public Management (3 cr)  
This course offers an examination of the management process of public organizations in the United States. Special attention will be given to external influences on public managers, the effect of intergovernmental environment, and in particular, problems of management in a democratic, limited government system.  
Prerequisite: CJUS-P100 or consent of instructor.

Spain-V366 Managing Behavior in Public Orgs. (3 cr)  
This course provides an introduction to the management of people in public organizations. Special emphasis is given to management issues involving criminal justice personnel, and the special constraints of administration in the public context.  
Prerequisite: CJUS-P100 or consent of instructor.

Spain-V372 Government Finance and Budgets (3 cr)  
This course provides a study of fiscal management in public agencies, including revenue management, debt management, and public budgeting. Special attention is given to the process of creating and approving budgets locally at the state level. The various income sources and spending limitations in the public sector are discussed.  
Prerequisite: CJUS-P100 or consent of instructor.

Speech Communication  
SPCH-S235 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-S121 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-S122 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-303 Propaganda & Persuasion (3 cr)  
A study of the history, practice and effects of propaganda. Particular attention is given to differences between strategies exploited 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-S323 Speech Composition (3 cr)  
Advanced speech writing focusing on the contents 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. Prerequisites: S121

SPCH-S333 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.

Telecommunications  
TEL-T283 Intro. to Production Techniques & Practices (3 cr)  
Introduction and production course which concentrates on the planning and production of video and related media.  
Offered every semester.  
Permission of instructor required.

TEL-T498 Projects in Telecommunications (3-6 cr)  
Individual projects in the area of telecommunications. Students must receive approval from advisor and a project director.  
Offered every semester.  
Prerequisite: TEL-T283

Theater & Drama  
THTR-T210 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-T370 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.  
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-W200 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-W201 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-W480 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-W495 Readings and Research in Women’s Studies (3 cr)  
Individual readings and research in Women and Gender Studies.  
Offered primarily in spring semesters.
**Anatomy**

**ANAT-A210 Elementary Human Anatomy (5 cr)**  
Structure of cells, tissues, organs, and systems and their relationship to function. 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.  
Prerequisite: None

**ANAT-A215 Basic Human Anatomy (5 cr)**  
Structure of cells, tissues, organs, and systems and their relationship to function. Designed for pre-professional students in dental hygiene, radiography, and other allied health sciences. Lab fee required.  
Offered fall semesters.

**Astronomy**

**AST-A100 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-A105 Stellar Astronomy (3 cr)**  
The sun as a star, physical properties of stars, principles of spectroscopy as applied to astronomy, double stars, variable stars, star clusters, gaseous nebulae, stellar motions, and distribution. Milky Way system, external galaxies, expanding universe, cosmic time scale.  
Offered fall and spring semesters.  
Prerequisite: None

**AST-A150 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 and spring semesters; occasionally during summer semesters.

**BIOL-L 102 Introduction to Biological Sciences I (4 cr.)**  
Fundamental principles of biology for students considering a career in biological sciences. Cell structure and function, bioenergetics, and organizational morphology and physiology.  
Offered fall, spring, and summer semesters.  
Prerequisite: One year of high school biology and chemistry or BIOL-L 101.

**BIOL-L 110 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 and spring semesters; occasionally during summer 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

**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: L102 (L325 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 304 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: L102 and one year of college chemistry

**BIOL-L 306 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: L102 and one semester of college chemistry

**BIOL-L 314 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
BIOL-L321 Principles of Immunology (3 cr)
An introductory survey of the basic principles of immunology and their practical applications.
Offered fall semesters.
Prerequisite: L102 and one semester of college chemistry

BIOL-L325 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: L102

BIOL-L333 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 summer and spring semesters.
Prerequisite: Junior standing; introductory biology, and an introductory course in either chemistry or geology.

BIOL-L340 Biological Sex Roles (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-L101 or L102

BIOL-L376 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 better 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-L101 or L102

BIOL-L391 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. Open to non-science majors.
Prerequisite: Must have written permission of faculty member

BIOL-L403 Biology Seminar (1-3 cr)
Individual presentations of topics of current importance. May be repeated for credit for a maximum of four semesters. Not distribution satisfying.
Offered periodically.
Prerequisite: BIOL-L101 or L102

BIOL-L452 Capstone in Biology (0-1 cr)
A study of capstone topics for a maximum of four semesters. Not distribution satisfying.
Offered periodically.
Prerequisite: BIOL-L101 or L102

BIOL-L490 Individual Study (1-12 cr max)
Not distribution satisfying.
Prerequisite: Instructors approval required

BIOL-L498 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.
Prerequisite: Sophomore standing and L102 or equivalent; consent of instructor.

BIOL-M315 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-M310.
Co-requisite: M315 (lab portion)

BIOL-N212 Human Biology (3 cr)
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.
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.
Prerequisite: None
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.

BIOL-N212 Human Biology (3 cr)
Not open to Biology majors. Study of structure and function of the human body providing a solid foundation in anatomy and physiology.
Offered every semester, online only.
Co-requisite: N213 (lab portion)

BIOL-N213 Human Biology Laboratory (1 cr)
Accompanying laboratory for N212. Lab fee required.
Offered every semester, online only.
Co-requisite: N212 (lecture portion)

BIOL-Q201 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-Q200

BIOL-Z217 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 (CN5 and epidermis), neural crest cells and axonal specification, 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, online only.
Prerequisite: BIOL-L102

BIOL-Z301 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: L102

BIOL-Z373 Entomology (3 cr)
The ecology, physiology, behavior, taxonomy and evolution of insects.
Offered fall semesters, periodically.
Prerequisite: BIOL-L101 or L102

BIOL-Z460 Animal Behavior (3 cr)
Introduction to the zoological study of animal behavior. Emphasizes both internal and external factors involved the causation of species-typical behavior of animals in their natural environment.
Offered spring semesters.
Prerequisite: BIOL-L102.

BIOL-Z468 Limnology (4 cr)
A study of freshwater environments: their physical and chemical processes and the forms of life that inhabit them.
Offered summer semesters of the odd years (e.g. 2015, 2017, etc.).
CHEM-C105 Principles of Chemistry I (3 cr)
Basic principles including stoichiometry, thermodynamics, atomic and molecular structure, solutions, gases, and selected topics in descriptive chemistry. Credit given for only one of the following: C100, C101, C105, or S105.
Offered fall and spring semesters.
Prerequisites: HS algebra or one semester of college mathematics.
Suggested co-requisite: C121 (lab portion)

CHEM-C106 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: C106 or C102 or S106.
Offered spring and summer semesters.
Prerequisites: C105 and C125.

CHEM-C110 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: C106/C126; C311 suggested

CHEM-C125 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: C121, C125, or S125.
Offered fall and spring semesters.
Co-requisite: C105 (lecture portion)

CHEM-C126 Experimental Chemistry II (2 cr)
A continuation of C125, with experiments that focus on illustrating concepts involving gas laws, kinetics, acid-base chemistry and thermodynamics. Lab fee required. Credit given for only one of the following: C126, C122, or S126.
Offered spring and summer semesters.
Prerequisites: C105/C125
Co-requisite: C106 (lecture portion)

CHEM-C303 Environmental Chemistry (3 cr)
Investigation of the chemistry of water and air pollution, and analytical procedures and techniques as applied to pollution problems, effects, and controls.
Offered periodically.
Prerequisites: C106/C126; C311 suggested

CHEM-C311 Organic Chemistry I Lecture (3 cr)
Introduction to organic chemistry with emphasis on the structure and reactions of major classes of monofunctional compounds.
Offered fall semesters.
Prerequisite: C106
Co-requisite: C343 (lab portion)

CHEM-C341 Organic Chemistry I Laboratory (2 cr)
Experiments in carbon compounds. Nomenclature, qualitative theory of valence; structure and reactions. Syntheses and reactions of major classes of monofunctional compounds.
Offered fall semesters.
Prerequisite: C106

CHEM-C342 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: C341
Co-requisite: C344 (lab portion)

CHEM-C343 Organic Chemistry I Laboratory (2 cr)
Laboratory studies in the fundamental techniques of organic chemistry and the use of general synthetic methods.
Lab fee required. Offered fall semesters.
Prerequisite: C341
Co-requisite: C344 (lecture portion)

CHEM-C344 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: C341
Co-requisite: C342 (lecture portion)

CHEM-C360 Introductory Physical Chemistry (3 cr)
An elementary overview of physical chemistry with a particular focus on applications to life sciences. Topics include thermodynamics and thermochromy, chemical kinetics, and applications of quantum mechanics and spectroscopy to chemical systems of interest.
Offered every fall semester.
Prerequisite: MATH-M 215 and CHEM-C106

CHEM-C390 Special Topic in Chemistry (1-5 cr)
Course content varies. May take course again as course topic changes.
Offered occasionally.
Prerequisite: CHEM-C106 or permission of instructor

CHEM-C483 Biological Chemistry (3 cr)
Introduction to structure, chemical properties, and interrelationships of biological substances, including major metabolic pathways. Credit not given for both C483 and BIOL S305.
Offered periodically.
Prerequisite: 18 credit hours of chemistry, including C341

CHEM-C484 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-C341 and C342).

CHEM-C485 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, glycolysis, 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-C484

CHEM-C490 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-N100 Nutrition. (4 cr)
Basic principles of general and organic chemistry, digestion, absorption and storage of various nutrients, food facts, andfallacies. 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-G108 Selected Earth Science Topics (3 cr)
Selected topics of general interest in earth science. Open to all majors.
VT: Indiana Geology
Offered periodically.
Prerequisite: None.

GEOL-G111 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-G112 Historical Geology (3 cr)
Continuation of G111. Principles of interpreting earth history from geological data. Geologic time, biologic evolution, plate tectonics, and ancient environments. Lab fee required.
Offered periodically.
Prerequisite: G111

GEOL-G113 Directed Study in Earth Science (1-3 cr)
Credit not given toward NSM distribution requirements. Intended primarily for elementary education students who

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Mathematics

MATH-B111 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-M118 (Finite Mathematics) and ECON-E270 (Statistics). 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/curves of equations and functions; performing algebraic operations; 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.
Credit given only for one: MATH-H111, MATH-E111, MATH-S111, MATH-M123 or MATH-M110

MATH-1101 Mathematics for Social Sciences, Nursing (2 cr)
A mathematics laboratory course to be taken concurrently with MATH-B111 or MATH-N111. Designed to prepare you for MATH-M118 and statistics. Not distribution satisfying.
Offered every Fall and Spring semester.
Co-requisite: MATH-B111 or MATH-N111.

MATH-M111 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/curves 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-H111, MATH-E111, MATH-S111, MATH-M123 or MATH-M110

MATH-M118 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-M123.

MATH-M123 College Algebra (3 cr)
An introduction to calculus primarily for students in business and the social sciences. Credit not given for both M119 and M215.
Offered summer semesters.
Prerequisite: Appropriate placement on skills review or M125 - Pre-calculus Mathematics.

MATH-M125 Pre-Calculus Mathematics (3 cr)
A continuation of M119 covering topics in elementary differential equations, calculus of functions of several variables, and infinite series. Intended for non-science physics students. Credit not given for both M216 and M120.
Offered periodically.
Prerequisite: M119

MATH-M123 College Algebra (4 cr)
Designed to prepare you for M125. 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-M123 College Algebra Laboratory (2 cr)
Designed to prepare you for M125. Laboratory component to be taken concurrently with M123. (See course description above.) Not distribution satisfying.
Offered every semester.
Co-requisite: M123.

MATH-M125 Pre-Calculus Mathematics (3 cr)
Designed to prepare you for M125. 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-M123

MATH-M126 Trigonometric Functions (2 cr)
Designed to prepare you for M125. Trigonometric functions; identities. Graphs of trigonometric and inverse trigonometric functions.
Offered every semester.
Prerequisite: M125 or equivalent (may be taken concurrently).

MATH-M215 Analytic Geometry and Calculus I (5 cr)
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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: M216 or consent of instructor.

MATH-M366 Elements of Statistical Inference (3 cr)

Co or Prerequisite: MATH-M215.

MATH-M371 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: M216 and CSCL C301 or equivalent, or consent of instructor.

MATH-M380 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: M215 or consent of instructor.

MATH-M393 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.

Prerequisite: M216 or consent of instructor.

MATH-M311 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: M219 or M215, or M120 and M216.

MATH-M216 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 M119 and M215, or M120 and M216.

Offered every semester.

Prerequisite: Appropriate placement on skills review or both M125 and M126.

MATH-M406 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-M413 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: M301/M303, and M311, or consent of instructor.

MATH-M414 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: M301/M303, and M311, or consent of instructor.

MATH-M421 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-M413.

MATH-M422 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-M421.

MATH-M447 Math Models & Applications I (3 cr)
Applied mathematics (using calculus) to physical, biological, and social systems. Topics, which may be taken concurrently or with consent of instructor.

Offered every fall semester.

Prerequisite: M301 or M303, M311, M360 or M365, which may be taken concurrently or with consent of instructor.

MATH-M448 Math Models & Applications II (3 cr)
Advanced mathematical programming, queues, and equations of growth. Mathematical programming, queues, and equations of growth. Offered fall semesters.

Prerequisite: M301 or M303, M311, M360 or M365, which may be taken concurrently or with consent of instructor.

MATH-M463 Introduction to Probability Theory I (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-M463 or consent of the instructor.

MATH-M499 Senior Seminar (2 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-J497 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-M251 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 fall or summer semesters.

Prerequisites: Calculus series (MATH-M215, M216, & M311) and MATH-M303.

MATH-M463 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-M303 and MATH-M311 or the consent of the instructor.

MATH-M466 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-M463 or consent of the instructor.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH-T336</td>
<td>Topics in Euclidean Geometry</td>
<td>3</td>
<td></td>
<td>Offered periodically. Prerequisite: M216 or consent of instructor.</td>
</tr>
<tr>
<td>MICR-J200</td>
<td>Microbiology &amp; Immunology</td>
<td>3</td>
<td></td>
<td>Consideration of pathogenic bacteria, viruses, fungi, and parasites in human disease; immunology and host-defense mechanisms. Offered every semester. Prerequisite: BIOL-L102.</td>
</tr>
<tr>
<td>MICR-J201</td>
<td>Microbiology &amp; Immunology Lab.</td>
<td>1</td>
<td></td>
<td>Bacteriological techniques; microscopy, asepsis, pure culture, and identification. Biology of microorganisms; action of antimicrobial agents. Representative immunological reactions. Recognition of pathogenic fungi and animal parasites. Lab fee required. Offered every semester. Pre- or Co-requisite: MICR J200.</td>
</tr>
<tr>
<td>PHYS-P110</td>
<td>Energy (2 cr)</td>
<td></td>
<td>Basic concepts and issues related to energy production and consumption in everyday life. Credit not given for those with credit for PHYS-P120. Offered fall semester. Prerequisite: One semester of college mathematics.</td>
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<tr>
<td>PHYS-P120</td>
<td>Energy and Technology (3 cr)</td>
<td></td>
<td>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 P110 and P120. Offered periodically in summer sessions. Prerequisite: One semester of college mathematics.</td>
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</tr>
<tr>
<td>PHYS-P201</td>
<td>General Physics I (5 cr)</td>
<td></td>
<td>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: M126, or equivalent.</td>
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<tr>
<td>PHYS-P202</td>
<td>General Physics II (5 cr)</td>
<td></td>
<td>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-P201.</td>
<td></td>
</tr>
<tr>
<td>PHYS-Q202</td>
<td>Physical Science: Elem. Teachers (3 cr)</td>
<td></td>
<td>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-P104.) This course is equivalent to PHYS-P104 which is open to all non-science majors, as well as education majors. Offered summer semesters, periodically Prerequisite: EDUC-Q200.</td>
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</tr>
<tr>
<td>BIOL-Q567</td>
<td>Evolution (3 cr)</td>
<td></td>
<td>Course description pending. Offered in spring semesters. Open to Graduate-level students only. Prerequisite: One semester of college-level Organic Chemistry.</td>
<td></td>
</tr>
<tr>
<td>BIOL-L510</td>
<td>Introduction to Research Laboratory (3 cr)</td>
<td></td>
<td>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.</td>
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</tr>
<tr>
<td>BIOL-L567</td>
<td>Cell Biology (3 cr)</td>
<td></td>
<td>Course description pending. Offered in spring semesters. Open to Graduate-level students only. Prerequisite: Bachelor’s degree in Biology or related area.</td>
<td></td>
</tr>
<tr>
<td>PHYS-P104</td>
<td>Conceptual Physical Science (3 cr)</td>
<td></td>
<td>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 Physics Q202.) Offered fall and spring semesters. This course is equivalent to Q 202 but open to all non-science majors, as well as elementary education majors. Offered spring semesters, online.</td>
<td></td>
</tr>
</tbody>
</table>
MATH-M501 Survey of Algebra (3 cr)
Formulation 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.
Prerequisite: MATH-M447.

* MATH-M463 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.
Prerequisite: MATH-M303 and MATH-M311 or the consent of the instructor.

* MATH-M466 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-M463 or consent of the instructor.

MATH-M501 Survey of Algebra (3 cr)
A continuation for the undergraduate sequence of Modern Algebra.
Groups: Jordan-Holder theorem, Sylow theorems, Free Groups.
Rings: Ideals and Factor Rings.
Fields: Algebraic closure; separable and inseparable algebraic extensions; Galois Theory; finite fields, insolubility of the quintic.
Prerequisite: MATH-M403 and M404
Open to Graduate-Level Students only or Consent of Instructor

MATH-M505 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.
Prerequisite: MATH-M
Open to Graduate-Level Students only or Consent of Instructor

MATH-M511 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-M413 and M414
Open to Graduate-Level Students only or Consent of Instructor

MATH-M512 Real Variables 2 (3 cr)
Normed linear spaces, function spaces, linear functionals, Banach spaces, Hilbert spaces, Fourier transforms, Schwartz class.
Continuation of MATH-M511.
Prerequisite: MATH-M511
Open to Graduate-Level Students only or Consent of Instructor

MATH-M521 Topology 1 (3 cr)
Point-set topology including connectedness, compactness, separation properties, products, quotients, metrization, function spaces.
Prerequisite: MATH-M413
Open to Graduate-Level Students only or Consent of Instructor

MATH-M522 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-M521.
Prerequisite: MATH-M521
Open to Graduate-Level Students only or Consent of Instructor

MATH-M551 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-M215, M216, & M311) and MATH-M303
Open to Graduate-Level Students only or Consent of Instructor

MATH-M563 Theory of Probability 1 (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-M413 and M463
Open to Graduate-Level Students only or Consent of Instructor

MATH-M564 Theory of Probability II (3 cr)
Modes of convergence of sequences of random variables, ergodic theorems, Markov chains, and stochastic processes.
Prerequisite: MATH-M563
Open to Graduate-Level Students only or Consent of Instructor

MATH-M571 Analysis of Numerical Methods I (3 cr)
Solution of systems of linear equations, elimination and iterative methods, error analyses, eigenvalue problems.
Prerequisite: MATH-M413-M414 and M447-M448
Open to Graduate-Level Students only or Consent of Instructor

MATH-M572 Analysis of Numerical Methods II (3 cr)
Prerequisite: MATH-M571
Open to Graduate-Level Students only or Consent of Instructor

MATH-T590 Seminar for Mathematics Teachers (3)
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-P547 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.
Offered fall semesters. Cross-listed as graduate-level course and requires additional course topics. Open to Graduate-Level Students only.
Prerequisites: M301 or M303, M311, M360 or M365, which may be taken concurrently or with consent of instructor.

*MATH-M448 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-M447.

*MATH-M463 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-M303 and MATH-M311 or the consent of the instructor.

*MATH-M466 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-M463 or consent of the instructor.

**MATH-M501 Survey of Algebra (3 cr)**
A continuation for the undergraduate sequence of Modern Algebra.
Groups: Jordan-Holder theorem, Sylow theorems, Free Groups.
Rings: Ideals and Factor Rings.
Fields: Algebraic closure; separable and inseparable algebraic extensions; Galois Theory; finite fields, insolubility of the quintic.
Prerequisite: MATH-M403 and M404
Open to Graduate-Level Students only or Consent of Instructor

**MATH-M505 Basic Number Theory (3 cr)**
Congruencies, unites 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.
Prerequisite: MATH-M
Open to Graduate-Level Students only or Consent of Instructor

**MATH-M511 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-M413 and M414
Open to Graduate-Level Students only or Consent of Instructor

**MATH-M512 Real Variables 2 (3 cr)**
Prerequisite: MATH-M511
Open to Graduate-Level Students only or Consent of Instructor

**MATH-M521 Topology 1 (3 cr)**
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MATH-M571 Analysis of Numerical Methods I (3 cr)

Elementary homotopy theory including fundamental group and covering spaces. Introduction to homotopy theory with applications such as the Browder Fixed Point theorem. Continuation of MATH-M451.

Prerequisite: MATH-M521.

Open to Graduate-Level Students only or Consent of Instructor

MATH-M564 Theory of Probability II (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-M413 and M443.

Open to Graduate-Level Students only or Consent of Instructor

MATH-M563 Theory of Probability I (3 cr)

Open to Graduate-Level Students only or Consent of Instructor

Corequisite: Calculus series (MATH-M215, M216, & M311) and MATH-M303

MATH-M551 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: MATH-M521 or Consent of Instructor.

Open to Graduate-Level Students only or Consent of Instructor

NURS-B233 Health & Wellness (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, observation, palpation, percussion, and auscultation in assessing clients across the life span and comparing normal from abnormal findings.

Corequisite: B245

NURS-B234 Comprehensive Health Assessment: RN (3 cr)

Open to Graduate-Level Students only or Consent of Instructor

Corequisite: H352

NURS-B304 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-B331 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-B344 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, observation, palpation, percussion, and auscultation in assessing clients across the life span and comparing normal from abnormal findings.

NURS-B403 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-B404 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 Alternations 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: H352

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Open to Graduate-Level Students only or Consent of Instructor

MATH-T500 Seminar for Mathematics Teachers (3)

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.

Corequisite: B248.

NURS-B304 Professional Nursing Seminar I: Health Policy (3 cr)

NURS-B331 Transition to Baccalaureate Nursing: RN to BSN (3 cr)

NURS-H 351 Alternations in Neuro-Psychological Health (3 cr)

No longer offered for graduate credit as of 01/16.

School of Nursing and Health Sciences

NURS-A111 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.

Corequisite: B242 (2 cr.)

NURS-B284 Science & Technology of Nursing (2cr)

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: B249.

NURS-B249 Science & Technology of Nursing: Practicum (2 cr)

This course focuses on core theoretical concepts of nursing practice: health, wellness, illness, wellness, 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-B233 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. The effects of health, wellness, and illness are related to health-promotion, disease-prevention, and illness-prevention nursing interventions.

NURS-B244 Comprehensive Health Assessment: RN 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, observation, palpation, percussion, and auscultation in assessing clients across the life span and comparing normal from abnormal findings.

NURS-B244 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, observation, palpation, percussion, and auscultation in assessing clients across the life span and comparing normal from abnormal findings.

NURS-B245 Comprehensive Health Assessment: Practicum (2 cr)

Students will have the opportunity to use interview, observation, percussion, palpation, inspection, and auscultation in assessing clients across the life span in simulated and actual environments.

Corequisite: B244.

NURS-B248 Science & Technology of Nursing (2cr)

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: B249.

NURS-B249 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: H352
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 disorders 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: H335.

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: H334.

NURS-H 354 Alterations 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: H333.

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 and quantitative 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, H333, H334; Corequisite: H362.

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, H333, H334; Corequisite: H361.

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.
Prerequisite: NURS-H 364 The Developing Family & Child: The Practicum (2 cr)

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-H365 Nursing Research (3 cr)
This course focuses on development of students’ skills in using the research process to define clinical research problems and to determine the usefulness of research in clinical decisions related to practice. The critique of nursing and nursing-related research studies will be emphasized in identifying applicability to nursing practice.
Prerequisite: All sophomore-level courses.

NURS-K301 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-K304 Nursing Specialty Elective (3 cr)
This course allows the RN to BSN student to apply nationally recognized specialty nursing knowledge and skills to the BSN degree, through a portfolio or independent study approach. National specialty standards will be used to devise learning objectives, implementation and evaluation plan.

NURS-K305 New Innovations in Health and Health Care (3 cr)
This course explores emergent trends in health care 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-K352 Women's Health (3 cr)
The purpose of this course is to provide a comprehensive and holistic update on the health care related issues surrounding women across the lifespan. The course content includes health promotion and preventive screening recommendations, diagnostic tests, and therapeutic treatment plans. Alternative health care options will be presented with a focus on empowering women to trust their bodies, make informed health care choices, and form partnerships with health care providers.

NURS-K499 Genetics and Genomics (3 cr)
This course introduces a basic knowledge of genetics in health care, including genetic variation and inheritance of ethical, legal, and social issues in genetic health care; genetic therapeutic; nursing roles; genetic basis of selected alterations to health across the life span; and cultural considerations in genetic health care are all considered.

NURS-P345 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-R470 Clinical Baccalaureate Nursing Capstone RN to BSN (3 cr)
Note: this course must be taken in the final term for RN BSN Students. 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.

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 Career 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 understand the role of the RN as a member of the an interprofessional team, as well as options for the most appropriate care setting for an individual patient.

NURS-S470 Restorative Health Related to Multi-System 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: S471.

NURS-S471 Restorative Health Related to Multi-System Failures: The Practicum (2 cr)
Students will apply the nursing process to the care of clients experiencing acute multi-system alterations in health.

NURS-S472 A Multi-System Approach to the Health of the Community (3 cr)
This course focuses on the complexity and diversity of groups or aggregates within communities and their corresponding health care needs. Through a community assessment of health trends, demographics, epidemiological data, and social/political-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: S473.

NURS-S473 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: S472.

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: S482.

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: S481.

NURS-S 483 Clinical Nursing Practice Capstone (3 cr)
NURS-Y510 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-Y520 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 T670 -Teaching in Nursing (3 cr)
Seminar and guided experiences in teaching of nursing, including planning, developing, implementing and evaluating classroom and clinical instruction.

NURS T615: 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 curriculum, evaluating existing curricula, and changing curricula are examined.

NURS T617 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 to students, faculty, curricula, and programs.

NURS T619- 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 R500: Nursing Study (3 cr)
A guided experience in identifying a researchable nursing problem and in developing and implementing a research proposal.

NURS T679 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.

Includes theoretical models of nursing informatics; nursing roles; information processing and data management; data acquisition; information representation; information standards, system architecture, and networking; evaluation; and ethical/social issues in healthcare informatics.

NURS N504 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 L571 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 L579 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 credit hrs: 2 didactic, 4 clinical for F.N.P. majors)
Enables the F.N.P. 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-J 595 Primary Care (PC) I: Acute Illness Processes (3 credit hrs:2 didactic, 1 clinical for F.N.P. 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. Individual health-illness processes are applied within the context of family and community.

NURS-J 595 Primary Care (PC) II: Stable Chronic Illness Processes (3 credit hrs: 2 didactic, 1 clinical for F.N.P. 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.

M.S.N. Courses

NURS-N502: 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 research and theory, development of researchable problems, and theory utilization.

NURS-N500 Research Nursing (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 permission of instructor.

NURS-N630 Introduction to Nursing Informatics (3 cr)
Introduction to the field of nursing informatics, current state of the science, major issues for research and development.

Social Work

Human Services

HSRV-H202 Introduction to Alcohol & Drug Abuse (3 cr)
Basic overview of the physiological, psychological, and sociological aspects of alcohol and drug abuse.

HSRV-H203 Intro. to Alcohol & Drug Abuse II (3 cr)
Examination of the effects of alcohol and drug abuse on the body. Will include acute and chronic effects of use and implications for treatment.

Prerequisite: H202.

HSRV-H204 Introduction to Gerontology (3 cr)
Basic introduction to the field of gerontology and the role of the human services professional.
HSRV-H205 Treatment Issues in Alcohol and Drug Abuse (3 cr)
Discussion of methods of treatment, continuum of care, selected approaches to counseling, and the treatment functions of screening, intake, orientation, and referral.
Prerequisite: H202.

HSRV-H211 Dynamics of Group Behavior (3 cr)
Focus on properties of groups, awareness of personal factors in group interaction, dimensions of leadership in achieving effectiveness, characteristics of larger social systems, and the dynamics of change. In-class lectures and experiential exercises.
Prerequisite: H202 or H204.

HSRV-H301 Service Needs of Older Adults (3 cr)
This course addresses the basic service needs of the older adult. The topics to be addressed will include nutrition, health, and housing. A case management approach will be used.

HSRV-H302 Psychological Aspects of Alcohol and Drug Abuse (3 cr)
Discussion of psychological aspects of alcohol and other drug use, abuse, and addiction. Will include assessment, motivation, emotional aspects, personality characteristics, and individual treatment approaches.
Prerequisite: H202, P103.

HSRV-H303 Counseling Needs of Older Adults (3 cr)
This course addresses the emotional and psychological needs of the older adult. Topics to be covered will include retirement, loss, companionship, isolation, sexuality, autonomy and others. Focus will be on assessment, delivery of services, and referral.

HSRV-H304 Basic Counseling Skills (3 cr.)
Development of basic counseling skills including listening, focusing, reflecting, interpretation, confrontation and self-disclosure, and establishing effective counseling relationships.
Prerequisite: Six credits of alcohol/drug, gerontology, or psychology.

HSRV-H323 Social Systems Aspects of Alcohol and Drug Abuse (3 cr)
Discussion of social systems such as family, peer groups, and cultural systems as they interrelate with persons abusing alcohol and other drugs. Will include substance abuse in the workplace and in organizations.
Prerequisite: H202 and S100.

HSRV-H380 Counseling Substance Abusers and Their Families (3 cr)
Recognizing symptoms of dependency, the role of the family, emotional enmeshment, family patterns, and treatment approaches. The course includes lectures, role plays, discussion, and films.
Prerequisite: H304 or S231.

HSRV-H401 Alcohol and Drug Abuse Treatment Seminar (3 cr)
Study and analysis of diagnosis and treatment, including counseling styles and methods of facilitating change, self-help programs, treatment facilities models, and outcomes of effective treatment. Special attention will be given to poly-addicted clients, women, adolescents, and the family.
Prerequisite: Six credits of alcohol and drug abuse courses.

HSRV-H402 Integrative Seminar in Gerontology (3 cr)
Integration of gerontology knowledge and skills through completion of a special project in gerontology and participation in a seminar focused on the community and institutional care needs of older adults, along with the role of human services gerontology professionals.
Prerequisite: Fifteen hours in Gerontology.

Social Work

SWK-S100 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 Co-requisite: ENG- W131

SWK-S141 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- W131

SWK-S200 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-S221 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: P103, S141 or permission of instructor.
Pre- or Co-requisite: SOC-S100

SWK-S231 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 problem-solving process and related skills.
Prerequisite: Admission to B.S.W. program.
Pre- or Co-requisite: S221.

SWK-S251 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 S141 or permission of instructor.
Pre- or Co-requisite: HIST- H106.

SWK-S280 Introduction to Field Experience (3 cr)
Introductory field experience for testing interest in Social Work.

SWK-S300 Selected Topics in Social Work (3 cr)
Study of selected topics in Social Work.
Prerequisite: Junior standing.

SWK-S322 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: S221

SWK-S323 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 Co-requisite: S322 and ANTH-A104

SWK-S332 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 S231, and admission to the B.S.W. program.
Corequisite: S381

SWK-S352 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 S251, Y103.

SWK-S371 Social Work Research (3 cr)
Prerequisite Junior standing. 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.

SWK-S381 Social Work Practicum I (3 cr)
Guided field experience for application of generic practice concepts, principles, and development of basic practice skills.
Prerequisite S231.
Corequisite: S332.

SWK-S400 Practicum Seminar (1 cr)
Discussion of practice issues as experienced in S482.
Prerequisite All junior-level social work courses.
Corequisite: S433, S472, S482.

SWK-S433 Generalist Social Work Practice III: Theory and Skills (3 cr)
Development of the ability to work differentially with selected situations and varied system sizes. Identifies clients’ needs as the primary factor influencing the choice of intervention.
Prerequisite All junior-level social work courses.
Corequisite: S472, S482.

SWK-S442 Practice-Policy Seminar in Fields of Practice (3 cr)
(2 courses required) Addresses practice and policy issues in specific fields of practice, such as child and family, aging, addictions, and developmental disabilities.
Prerequisite: All junior year courses, S472, S482, S433.

SWK-S472 Practice Evaluation (3 cr)
Develop the knowledge and skills necessary to evaluate one’s own practice with individuals, groups, communities, and organizations.
Prerequisite S371 and all other junior-level social work courses.
Corequisite: S433, S482.

SWK-S482 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: S433, S472.