PRESENT: G. Aase (BUS/OMIS, acting chair), D. Ballantine (LAS/CHEM, for M. Lenczewski), A. Birberick (Vice Provost, ex officio), J. Gray-Stanley (HHS/NUHS), O. Najjar (LAS/COMS/UCC), B. Pitney (EDU/KNPE), F. Solares-Larrave (LAS/FL--), R. Tatara (EET/TECH), A. Ward (LAS/POLS)

CONSULTANTS: D. Smith (Catalog Editor/Curriculum Coordinator)

GUESTS: Karen Hovde and Nestor Osorio (University Libraries)

APPROVAL OF AGENDA

Aase asked that New Business item, UNIV 105 be considered first to accommodate the guests in attendance. Pitney made a motion, seconded by Gray-Stanley, to APPROVE THE AGENDA AS AMENDED. Motion passed unanimously.

ANNOUNCEMENTS

1. Approval of minutes from the September 8, 2011, meeting.
2. Items previously in Section B, now reported for inclusion in the catalog (Section C).

CONSENT AGENDA

Pitney made a motion, seconded by Solares-Larrave, to APPROVE THE CONSENT AGENDA. The motion passed unanimously. The following college minutes with no undergraduate-level curricular items were so received.

College of Education #1

The following college minutes with undergraduate-level curricular items were so received.

College of Business #1
College of Business #2
College of Engineering and Engineering Technology #2
College of Health and Human Sciences #1
College of Health and Human Sciences #2 (pending APASC approval)
College of Health and Human Sciences #4 (pending APASC approval)
College of Liberal Arts and Sciences #1

COLLEGE MINUTES AND OTHER CURRICULAR ITEMS FOR DISCUSSION

College of

In these minutes are new courses on page 1. Aase noted that the use of a letter in a
COMMITTEE ON THE UNDERGRADUATE CURRICULUM (CUC)
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Approved

ii of v

Engineering and Engineering Technology #1
course number is acceptable; this was confirmed with Registration and Records. Also, the U is consistent with other courses in this department. Ballantine made a motion, seconded by Solares-Larrave, TO APPROVE THE UNDERGRADUATE CURRICULAR ITEMS IN COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY #1 (September 7, 2011). Motion passed unanimously.

College of Health and Human Sciences #3
It was noted that APASC did not approve the certificate proposals for lack of rationale for the 2.50 GPA requirement per APPM guidelines. Birberick added that the school was told that this rationale could be a single sentence, for example that the GPA is required by the accrediting body. She pointed out that there are two Certificate of Undergraduate Study proposals and the 2.50 GPA is in both. Ballantine made a motion, seconded by Solares-Larrave, to APPROVE THE UNDERGRADUATE CURRICULAR ITEMS IN COLLEGE OF HEALTH AND HUMAN SCIENCES #3 PENDING APASC APPROVAL. Pitney asked about the five-year requirement for completion and Aase responded that that is required by the APPM. Motion passed unanimously.

College of Health and Human Sciences #5
New courses on pages 2 and 5 were pointed out. Aase also pointed out the revisions on pages 3 and 4 and that the C or better language in the highlighted language on page 4 is a restructuring of requirements on page 3, so there is no need for those items to go to APASC. Ballantine made a motion, seconded by Gray-Stanley, to APPROVE THE UNDERGRADUATE CURRICULAR ITEMS IN COLLEGE OF HEALTH AND HUMAN SCIENCES #5. It was clarified that a department can make the C or better determination if they have the proper rationale and then that proposal also goes to APASC for that committee’s approval. Regarding PHHE 409X, Gray-Stanley confirmed that it is associated with the other courses and there will also be a similar course taught at the graduate level. Motion passed unanimously.

OLD BUSINESS

1. Adding/deleting courses from another college/checking on course capacity. Aase noted that Lenczewski was to prepare a form. So, in her absence, discussion on this item will be postponed until the November 10 meeting.

2. Double major; major/minor/certificate requirements; APPM revisions. Aase explained that this will not be discussed further until data can be collected and more time can be dedicated to the discussion. Ballantine made a motion, seconded by Solares-Larrave, that THIS ITEM SHOULD BE TABLED UNTIL THE SPRING 2012 SEMESTER. Motion passed unanimously.

3. College of Liberal Arts and Sciences #12 (AY 10-11), pages 2-5, 7-10 (pending APASC and GEC approval). Tabled for a number of issues with the Philosophy curriculum.

   a. Definition of corequisite was clarified; it is a course that it taken simultaneously or prior
to the course for which it required. It was noted that in correspondence with the college about the tabled items from Philosophy, the definition for corequisite was incorrect.

b. Committee members were provided with a memo from the chair of the Department of Philosophy, as well as the initial course proposal for PHIL 495, and verification of nonduplication for PHIL 301, PHIL 450, and PHIL 464. The memo explains the department’s rationale for having “junior” in the title for PHIL 301; that the primary audience for this course is juniors. However, they do not want “junior status” as a prerequisite, because a student at any level may take the course. There was some discussion regarding why they even needed junior in the title as the 300-level course number already indicates that, and that their rationale isn’t consistent with the title. Ballantine made a motion, seconded by Tatara, to APPROVE THE UNDERGRADUATE CURRICULAR ITEMS IN COLLEGE OF LIBERAL ARTS AND SCIENCES #12 (4/13/11) PENDING APASC APPROVAL. There was further discussion that having Junior in the title will mislead other students that they cannot take the course. There was also a suggestion that the title should be “Junior Philosophical Writing Seminar,” but it was noted that the content of a writing course is implied when it’s offered by a specific department, and that the description also further explains what the course is about. Motion passed unanimously.

NEW BUSINESS

1. Meeting materials. Birberick explained that an online approval process is being developed after the curricular deans met this summer and requested a way to streamline the curricular process. Graduate School Dean Bond offered the assistance of the Graduate School’s manager of information systems, Eric Biletzky, to develop such a process. After researching a number of methods and/or software packages, Biletzky developed a process in Novell Vibe. Anyone who is given access to the system (from faculty at the department level through the CUC and GCCC) will be able to view materials and vote in favor or against, and if against, enter what the issue is. There will also be a capability of some online discussion prior to the official CUC meeting. Details are being worked out and training will be done at the end of the fall 2011 semester and at the beginning of the spring 2012 semester and the process will be in place for spring 2012, where the bugs can be worked out during a time when there is less curriculum to consider. Pitney reported that the College of Education has already gone to a paperless system for their curriculum process.

2. Bylaws revision to add a representative from CITC (Committee on Initial Teacher Certification) as an ex-officio member. The rationale for the change is included. There was discussion as to why this is a non-voting member and it was noted that it is more difficult to add a voting member because the voting members are typically determined by the colleges. Gray-Stanley made a motion, seconded by Solares-Larrave, to APPROVE THE REVISIONS TO THE BYLAWS OF THE COMMITTEE ON UNDERGRADUATE CURRICULUM. Motion passed unanimously. (See Attachment A.)

3. New course: UNIV 105. Introduction to Library and Information Research. Aase reminded CUC members that the CUC is the curriculum committee for interdisciplinary courses like this one and that this is the first reading for this proposal. Osorio reported that a study by Illinois librarians found
that students do not know how to use libraries properly, and this was the motivation to develop this course. He added that the library has enough staff with the proper expertise to teach the course, as well as several smart classrooms that hold up to 30 students. The course is mainly geared towards freshmen, but would be open to all students. Najjar agreed that such a course is needed and asked about the rigor. There used to be a similar course available, but she found that she still needed to provide her students with additional coursework on using the library. Hovde responded that this is a 12-week course, with one week devoted to researching books, and the other time devoted to researching online materials. The number of assignments (two long, writing assignments; plus weekly assignments) was clarified. It was also noted that there would be a lot of hands-on activities. Najjar asked about offering it as an online course and Hovde said that they are just going to try it as a face-to-face course until they have an idea of the demand for the course. Osorio stated that once the course is approved, the next step for his committee is to further develop the activities and hands-on experience as well as marketing. Birberick told Hovde and Osorio that the course description in the syllabus needs to read “S/U grade” not “Pass/Fail grade” since Pass/Fail is no longer a grading option, and to match the description in the proposal. Aase asked if they had a goal for enrollment and Osorio said they did not, but they plan on offering 10 sections (6 in the fall, 3 in the spring, 1 in the summer) with 20-30 students in each. Hovde added that they already have programs in place for a number of courses such as ENGL 104 and UNIV 101 and that UNIV 105 will be for the students who aren’t getting the library instruction through those courses. Aase asked CUC members to let Smith know if they had any concerns, comments, or corrections prior to the next CUC meeting (November 10).

A motion was made and seconded TO ADJOURN THE MEETING. **Motion passed by acclamation.**

The meeting was adjourned at 1:20 p.m.

The next meeting will be November 10, 2011, 12:30, Altgeld 225.

Respectfully submitted,

Donna M. Smith
COMMITTEE ON THE UNDERGRADUATE CURRICULUM (CUC)
(Bylaws, Article 14.64)

Membership of CUC

A. The Committee on the Undergraduate Curriculum shall consist of the following members:

One faculty representative, from the Undergraduate Coordinating Council (UCC), shall be chosen by the faculty of the Undergraduate Coordinating Council;

One faculty representative shall be appointed by the curriculum committee of each undergraduate degree-granting college except the College of Liberal Arts and Sciences;

Three faculty representatives shall be appointed by the curriculum committee of the College of Liberal Arts and Sciences, to represent the areas of the humanities, social sciences, and the other sciences;

Two student members shall be selected by the Committee On the Undergraduate Curriculum (CUC) from nominees submitted by the student advisory committees of the undergraduate degree-granting colleges;

The vice provost responsible for undergraduate education shall be an ex officio, nonvoting member.

One member from the Committee on Initial Teacher Certification (CITC), appointed from that body, shall be a nonvoting member.

Faculty shall serve three-year staggered terms.

Students shall serve one-year terms.

↓

RATIONALE: CITC is requesting a seat on the CUC to be formally recognized in discussions regarding curriculum that deals with initial teacher certification. With this change, CITC would be ceding formal curricular authority for those curricular items, but due to the teacher certification accrediting body (NCATE), there still needs to be a formally recognized procedure for reviewing curriculum related to teacher certification.
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SECTION A – Recorded for inclusion in the Undergraduate Catalog

COLLEGE OF BUSINESS

Course revision:

Page 72, 2011-12 Undergraduate Catalog

UBUS 101. BUSINESS DISCIPLINES AND ISSUES (1-3). … May be repeated to a maximum of 6 semester hours when topics vary. Not available for credit for upper-division business majors.

Other Catalog Change:

Page 71, 2011-12 Undergraduate Catalog

Minor in Business Administration (36-41)

One of the following:

ILAS PHIL 170 – World Religions (3)

Other catalog change:

Page 72, 2011-12 Undergraduate Catalog

Interdisciplinary Courses Offered by the College of Business

Business Administration Course List

BADM 395. CAREER PLANNING IN BUSINESS ADMINISTRATION (1). …
BADM 458. INTERNSHIP IN BUSINESS ADMINISTRATION (3-6). …

Interdisciplinary Courses Offered by the College of Business

UBUS 100. CAREER COMPASS (0). …

COLLEGE OF EDUCATION

Department of Teaching and Learning (aka SEED)

Course Revision

Page 116, 2011-12 Undergraduate Catalog

TLSE 457. Systems for Integrating the Exceptional Student in the Regular Classroom (3). ……. PRQ: Junior standing and PHHE 208 or ARTE 344 or FCNS 240 or ILS 201 or MUSC 275.

COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY

Other Catalog Change

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Promod Vohra, Ed.D., P.E., dean
Mansour Tahernezhadi, Ph.D., P.E., associate dean, research and graduate programs
Omar Ghrayeb, Ph.D., associate dean, outreach and undergraduate programs
The departments of the College of Engineering and Engineering Technology offer baccalaureate programs leading to the degree Bachelor of Science (B.S.). The College of Engineering and Engineering Technology offers a contract major leading to a B.S. degree or the degree Bachelor of General Studies (B.G.S.). The college also participates in the interdisciplinary minor in environmental management systems (see “Interdisciplinary Minors” in the College of Liberal Arts and Sciences).

**Department Names and Undergraduate Programs Offered**

**Mission**

**Academic Advising**

**Special General Education Requirements for Electrical, Industrial and Systems, and Mechanical Engineering Majors**

All candidates for the B.S. degree in electrical, industrial and systems, and mechanical engineering must fulfill the university’s general education requirements (see “University Graduation Requirements”) as well as the requirements described under “Special Requirements for the B.S. Degree in Electrical, Industrial and Systems, and Mechanical Engineering.”

**Other Catalog Changes:** 2011-12 Undergraduate Catalog

**College of Engineering and Engineering Technology**

**Department Names and Undergraduate Programs Offered**

**Mission**

**Academic Advising**

**Contract Major**

**Certificate of Undergraduate Study**

**Degree with Honors**

The College of Engineering and Engineering Technology (CEET) Honors Program is designed to provide exceptional students an opportunity to conduct in-depth exploration and research of topics in engineering and technology. This program is intended to support the general mission of the University Honors Program with the specific goal of providing students more interaction with faculty, opportunities for undergraduate research, and exposure to research activity expected of graduate programs.

Students who wish to work toward a B.S. degree with honors in engineering or engineering technology should discuss the matter with the departmental undergraduate adviser and a representative from the
Lower division honors for freshmen and sophomores is managed by the University Honors Program and can be achieved through the registration for honors courses that are part of general education or major requirements. Engineering and engineering technology majors with at least a 3.20 overall GPA and a minimum 3.40 GPA in the courses required in the chosen major are eligible for the CEET Honors Program. Admission to the college’s upper division honors program will be considered only for majors in their junior and senior years and requires the approval of the departmental undergraduate adviser, the college honors director, and a representative of the university honors program. Should the student’s GPA fall below the minimum requirements for an academic term, the student must achieve these standards no later than the end of the following semester to remain in the program.

Requirements for earning the baccalaureate degree “With Engineering Honors” include a minimum of 12 semester hours of honors courses numbered 300 or above that are within the chosen major program. The senior capstone design course specific to their discipline (i.e., ELE 492, MEE 482, etc.) must count toward the required hours of honors work and include an individual independent research activity separate from the final design report. The topic and scope of the independent research activity must be approved by the faculty project adviser and the college honors director. A final report of the activity is filed with both the college and the university honors program.

Note: Most engineering honors courses are not separate courses but rather subsections of regular courses with an enriching experience. The honors student may contract an honors designation of those courses without explicit honors mini-sections.

Department of Electrical Engineering

Course Revision: 2011-12 Undergraduate Catalog

ELE 499H. HONORS UNDERGRADUATE RESEARCH (1-3). …. 

Other Catalog Changes: 2011-12 Undergraduate Catalog

Department of Electrical Engineering (ELE)

Mission

Electrical Engineering Program Educational Objectives

Department Requirements

Candidates for the Bachelor of Science degree in electrical engineering must select their general education courses in the humanities and the arts, social sciences, and interdisciplinary studies to satisfy both university and the accrediting agency (Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology) requirements. These requirements are described under “Special General Education Requirements for Electrical, Industrial and Systems, and Mechanical Engineering Majors” in the College of Engineering and Engineering Technology section of this catalog. Students must consult with
SECTION A – Recorded for inclusion in the Undergraduate Catalog

their faculty advisers to determine appropriate courses.
All electrical engineering students must have their schedule reviewed, approved, and signed by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Other Catalog Change: 2011-12 Undergraduate Catalog

B.S. in Electrical Engineering
↓
Emphasis 2. Biomedical Engineering
↓
Track 1
↓
Electives
↓
ELE 499H – Honors Undergraduate Research (3)

Track 2
↓
Electives (6)
↓
ELE 499H – Honors Undergraduate Research (3)

Department of Industrial and Systems Engineering

Other Catalog Changes: 2011-12 Undergraduate Catalog

Department of Industrial and Systems Engineering (ISYE)
↓
Mission
↓
Educational Objectives
↓
Program Outcomes
↓
Department Requirements
Candidates for the Bachelor of Science degree in industrial and systems engineering must select their general education courses in the humanities and the arts, social sciences, and interdisciplinary studies to satisfy college requirements. Students should consult with their faculty advisers to determine appropriate course schedules.

All industrial and systems engineering students must have their schedule reviewed, approved, and signed by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.
SECTION A – Recorded for inclusion in the Undergraduate Catalog

Other Catalog Changes: 2011-12 Undergraduate Catalog

Major in Industrial and Systems Engineering (B.S)
↓
Requirements in Department (45)
↓
Requirements outside Department (48-49 52)
↓
MEE 209 – Engineering Mechanics: Statics and Dynamics (4)
  OR MEE 210 – Engineering Mechanics I (3)
  AND MEE 211 – Engineering Mechanics II (3)
MEE 270 – Engineering Graphics
↓
Electives (15)
↓
Emphasis 1. Health Systems Engineering
↓
Requirements in Department (45)
↓
Requirements outside Department (51-52 54)
↓
MEE 209 – Engineering Mechanics: Statics and Dynamics (4)
  OR MEE 210 – Engineering Mechanics I (3)
  AND MEE 211 – Engineering Mechanics II (3)
MEE 270 – Engineering Graphics
↓
Technical Courses (15)
↓
Emphasis 2. Manufacturing Systems
↓
Requirements in Department (48)
↓
Requirements outside Department (48-48 52)
↓
Technical Courses (19)
↓
Emphasis 3. Engineering Management
↓
Requirements in Department (45)
↓
Requirements outside Department (48 48-52)
↓
MEE 209 – Engineering Mechanics: Statics and Dynamics (4)
  OR MEE 210 – Engineering Mechanics I (3)
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SECTION A – Recorded for inclusion in the Undergraduate Catalog

AND MEE 211 – Engineering Mechanics II (3)
MEE 270 – Engineering Graphics
↓
Technical Courses

Department of Electrical Engineering

New Course

CIP Code: 014.1001

250U. COMPUTER ENGINEERING I LABORATORY (1). Laboratory experiments related to the design and implementation of digital systems. Combinational and sequential circuits are investigated. PRQ: ELE 210U. CRQ: ELE 250.

New Course

CIP Code: 014.1001

463. RADIO FREQUENCY ELECTRONICS (3). This course concerns itself with the design and implementation of electronic subsystems directed towards application in the frequency bands spanning 100 kHz through UHF. This important spectral region supports analog signal processing critical to wireless communication. PRQ: ELE 330 and ELE 360.

Course Revision

250. COMPUTER ENGINEERING I (4). Design of digital … transition diagrams. Lecture, discussion three periods per week; laboratory, problem session two periods per week. PRQ: ELE 210 and ELE 210U, both with a grade of C or better.

Course Revision

356. COMPUTER ENGINEERING II (4). Analysis of microprocessors … per week. PRQ: CSCI 240 or other high-level programming language, and ELE 250, and ELE 250U.

Other Catalog Changes

Major in Electrical Engineering (B.S.)
↓
Emphasis 1. Electrical and Computer Engineering

Requirements in Department (41)
↓
ELE 250 – Computer Engineering I (4)
ELE 250U – Computer Engineering I Laboratory (1)

Requirements Outside Department (45-47)

MEE 209 – Engineering Mechanics: Statics and Dynamics (4)

OR both MEE 210 – Engineering Mechanics: Statics (3)

AND MEE 211 – Engineering Dynamics: Dynamics (3)

Electives (18)

Signal Processing/Communications: ELE 425, ELE 451, ELE 452, ELE 454, ELE 461, ELE 463, ELE 464

COLLEGE OF HEALTH AND HUMAN SCIENCES

All University Change

Other catalog change: Page 7, 2011-12 Undergraduate Catalog

A Guide to Reading This Catalog

IHHS – Interdisciplinary Health and Human Sciences

Other Catalog Change Pages 331-3332, 2011-12 Undergraduate Catalog

Homeland Security (18-21)

Core Courses

One of the following

IHHS UHHS 301 – Independent Study in Health and Human Sciences (1)

Biochemical Sciences Track

One of the following (2-3)

IHHS UHHS 450 – Administration for Professional in Health and Human Sciences

Health Sciences Track

Four of the following (11)
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Section A – Recorded for inclusion in the Undergraduate Catalog

IHHS UHHS 450 – Administration for Professional in Health and Human Sciences

College Curricular Changes

Course Revision

Page 147, 2011-12 Undergraduate Catalog

Interdisciplinary Courses Offered by the College of Health and Human Sciences (IHHS, UHHS)

IHHS UHHS 301. INDEPENDENT STUDY IN HEALTH AND HUMAN SCIENCES (1-3).

IHHS UHHS 350. CRITICAL THINKING FOR HEALTH AND HUMAN SERVICES PROFESSIONALS (3).

IHHS UHHS 450. ADMINISTRATION FOR PROFESSIONALS IN HEALTH AND HUMAN SCIENCES (3).

IHHS UHHS 466. SEMINAR IN GERONTOLOGY (3).

IHHS UHHS 467. FIELDWORK IN GERONTOLOGY (3).

Course revision:

Page 149, 2011-12 Undergraduate Catalog

UHHS 416. PRACTICUM IN PROTON THERAPY (1-3). Observation and … … concurrent enrollment. CRQ: IHHS UHHS 301 or UHHS 401 or UHHS 402 or UHHS 403 or UHHS 415. PRQ: Consent of college.

Other catalog change:

Page 147, 2011-12 Undergraduate Catalog

Contract Major (B.S.)

↓

B.G.S. Core Courses

↓

IHHS UHHS 350 - Critical Thinking for Health and Human Services Professionals (3)

IHHS UHHS 450 - Administration for Professionals in Health and Human Sciences (3)

Other Catalog Change

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B.G.S. Degree

↓

Applicants must be practicing health or human sciences professionals who hold a current professional credential, certificate, or license in a health or human sciences field and have completed an applied associates degree program or equivalent number of credits. Other professional recognitions in health or
human sciences may be considered on an individual basis. Applicants must be eligible for admission to NIU. The professional credential, certificate or license must be in the field in which the applicant is working or attempting to work.

The B.G.S. … … The student who wishes to earn apply for this the B.G.S. degree must be admitted to NIU have a cumulative GPA of at least 2.00.

submit a B.G.S. application including a written professional goals statement and copy of the professional credential. The B.G.S. application is available through the College of Health & Human Sciences advising office. Submit a B.G.S. application for approval that includes at least 50 semester hours of required core courses and additional electives selected with the approval of a B.G.S adviser. Electives selected with the approval of a B.G.S adviser.

Complete 30 semester hours at NIU, excluding proficiency credit.

**B.G.S. Requirements (50)**

**B.G.S. Core Courses (42)**

*AHRS 200 – Disability in Society (3)

↓ OR TECH 432 – Disaster Preparedness (3)

**Electives (8)**

Electives selected with the approval of a B.G.S adviser.

In addition, B.G.S. students must complete 30 semester hours at NIU, excluding proficiency credit.

Upon successful completion of these 50 semester hours all B.G.S. requirements, the student may be awarded up to 30 semester…

**Minor in Gerontology (15)**

Coordinator: Director, Gerontology Program

**Primary Content Area (9-12)**

↓ IHHS UHHS 466 - Seminar in Gerontology (3) (3-6)

↓ IHHS UHHS 467 - Fieldwork in Gerontology (3)

KNPE 454 - Exercise Gerontology (3)

PSYC 425 - Adult Development and Aging (3)
Other Courses Related to gerontology (3-6)

IHHS 301 - Independent Study in Health and Human Sciences (3)

Certificates of Undergraduate Study

Gerontology (15)

Core Courses (6)

IDSP 465 - Issues in Gerontology (3)
IHHS 466 - Seminar in Gerontology (3),
OR IHHS 467 - Fieldwork in Gerontology (3)

Additional Courses (9)

One course selected from each of the following sets (9): SOCI 451 (3); SOCI 460 (3); SOCI 482 (3); FCNS 280 (3); PSYC 225 (3); PSYC 425 (3); PSYC 465(3) BIOS 109 (3); FCNS 310 (3); NURS 430 (4); NURS 460 (4) OR With the approval of the Gerontology program director, a student may substitute IHHS 301 (Independent Study in Health and Human Sciences) for up to six (6) semester hours of additional courses.

School of Allied Health and Communicative Disorders

Course Revision

AHCD 498. TUTORIAL IN ALLIED HEALTH AND COMMUNICATIVE DISORDERS (1-3). Directed individual study and research in special areas of allied health and communicative disorders. Speech Language Pathology/Audiology, Clinical Laboratory Sciences, and Pre-physical Therapy majors may be repeated to a maximum of 6 semester hours. Rehabilitation Services majors and Deafness Rehabilitation minors may repeat to a maximum of 9 semester hours with advisor approval. Available for concurrent enrollment. PRQ: Consent of school.

Other Catalog Change

Clinical Laboratory Sciences

Major in Clinical Laboratory Sciences (B.S.)

Requirements in School (63-67)

AHLS 446 - Principles of Laboratory Management and Practice (1),
OR IHHS 450 - Administration for Professionals in Health and Human Sciences (3)

School of Family, Consumer and Nutrition Sciences

All University Introductory Change
Limited Admissions and Limited Retention Requirements

Limited Admissions Requirements

Family and Child Studies Major
(School of Family, Consumer, and Nutrition Sciences)

To be considered for admission into the family and child studies major, students must have their applications to the university and to the school complete by the following deadlines:

- Students must have been accepted to NIU and have confirmed their intent to enroll at NIU. Students must also apply separately to the family and child studies major. Students may choose a first and second choice from the following emphases: Emphasis 1: Family and Individual Development, Emphasis 2: Family Social Services, or Emphasis 3: Child Development. Depending on the semester the student chooses to apply, an application must be turned in by the following deadlines:
  - Spring: September 15
  - Summer/Fall: March 1

All students who have indicated an interest in the programs offered by the school, but have not met all admission criteria, will be classified as pre-majors in the School of Family, Consumer, and Nutrition Sciences. They will be considered for acceptance into departmental emphases according to the procedures set forth below, depending on their status as transfer or continuing or reentering students. Current NIU students should apply directly to the School for admission into a family and child studies emphasis.

Transfer and reentering students’ cumulative GPA from all schools attended as calculated by the Office of Registration and Records is used as printed on the students’ evaluation of credit will be calculated from those classes that will count toward the baccalaureate degree. The school will use the GPA from the most recent evaluation of credit on file until 15 semester hours are earned at NIU, with at least 12 of those hours being credit that applies to either their major, minor, or general education requirements. For students who have earned at least 15 credits at NIU that apply to either their major, minor, or general education requirements, the NIU GPA will be reviewed.

Students may indicate an interest in the family and child studies program on the application for admission to the university; they will be admitted as pre-FCNS majors. For admission to the School as a major, students may download from the FCNS website an application to their chosen emphasis approximately one month prior to each deadline. They must also apply directly to the School of Family, Consumer, and Nutrition Sciences for admission into a specific emphasis after they have met the admission requirements for that emphasis. Transferring or reentering students should seek departmental advisement at orientation or as soon as they arrive on campus through the College of Health & Human Sciences office.
Transfer students who indicate on the application for admission to the university that they intend to enroll in the major in family and child studies should immediately request an application for the School of Family, Consumer, and Nutrition Sciences. After such students are accepted into the university, their applications will be transmitted to the school for consideration for admission. Students should seek departmental advisement at orientation or as soon as they arrive on campus.

Continuing NIU students apply directly to the school for admission into a family and child studies emphasis.

To change from one emphasis to another, the student must apply to the school for admission into the new emphasis.

**New Course**

*Page 165, 2011-12 Undergraduate Catalog*

**CIP CODE:** 19.0701

**Family and Child Studies**

- **FCNS 433. INTRODUCTION TO CHILD LIFE THEORY AND PRACTICE (3)** Educate and prepare students for working with pediatric patients and families in the healthcare setting. Through reviewing of the theoretical framework and exploring the clinical role of the Child Life practice, students will gain knowledge of the importance of play and preparation for the child and family in the healthcare setting. **PRQ:** FCNS 230 or EPS 304 or PSYC 324, and FCNS 284.

**Course Revision**

*Pages 162-166, 2011-12 Undergraduate Catalog*

**Course List**

**General**
- **498. PROFESSIONAL SEMINAR IN FAMILY, CONSUMER, AND NUTRITION SCIENCES (1-3).** Professional career … … Nutrition Sciences.

**Nutrition, Dietetics, and Hospitality Administration**
- **200A. PRINCIPLES OF FOOD PREPARATION (3).** Principles of food preparation as related to the chemical, physical, and organoleptic properties of food. **PRQ:** CHEM 110 and CHEM 111, or CHEM 210 and CHEM 212; **and current State of Illinois Sanitation Certificate.** **CRQ:** Current State of Illinois Sanitation Certificate.
418. MANAGING HUMAN RESOURCES IN THE HOSPITALITY INDUSTRY (3). Fundamental concepts, … … other current topics. CRQ: FCNS 320. PRQ: FCNS 202 with a grade of C or better and MGMT 333.

420. MANAGEMENT OF FOOD AND NUTRITION SERVICES (3). Principles of food and nutrition services management with emphasis on personnel management, cost controls, marketing, and menu analysis. PRQ: MGMT 333 and FCNS 320. CRQ: FCNS 320.

Family Consumer Sciences Education

240. TEACHING AND LEARNING IN FAMILY AND CONSUMER SCIENCSE EDUCATION (3). Introduction to … … Certification Requirements.” PRQ: Minimum 2.75 GPA and passing the basic skills test in the Illinois Certification Testing System.

Family and Child Studies

FCNS 481. PROFESSIONAL PRACTICES IN FAMILY SOCIAL SERVICES (3). Introduction to … … and interns. PRQ: FCNS major, and FCNS 180 and FCNS 280 and FCNS 284.

490. PRACTICUM IN INFANT AND CHILD DEVELOPMENT LABORATORIES (6-12). Supervised on-campus … … toward graduation. PRQ: FCNS 498 and See emphasis 3, child development, special requirements.

Other Catalog Change

Comprehensive Major in Family and Child Studies (B.S.)

Emphasis 3. Child Development
This emphasis provides preparation … … Provider Connections. Students interested in the Illinois Director Credential must take: FCNS 434, FCNS 438, FCNS 445, and FCNS 489B 483. The Child Development Emphasis is recommended as preparation for advanced degrees in child development, family and child studies, and related fields.

Requirements in School (48-51)

FCNS 490 - Practicum in Infant and Child Development Laboratories (12)
FCNS 498 – Professional Seminar in Family, Consumer, and Nutrition Sciences (3)
One of the following areas of study (9)

Child Life Specialist (9)
FCNS 433 – Introduction to Child Life Theory and Practice (3)
SECTION A – Recorded for inclusion in the Undergraduate Catalog

Three of the following (96)

- AHCD 318 - Medical Terminology (3)
- EPS 307 - Development of the Adolescent (3)
- FCNS 405 - Child Health and Nutrition (3)
- FCNS 439 - Infant Development in the Family: Typical and Atypical (3)
- SOCI 482 - Sociology of Death and Dying (3)

Total Hours for Emphasis 3, Child Development: 63-65-66-68

Special Requirements

Students must earn a grade of C or better in FCNS 230 or EPS 304 or PSYC 324 in order to enroll in FCNS 330, FCNS 331, and FCNS 332. Students are required to attend mandatory meetings every fall and spring semester prior to enrollment in FCNS 490. At the time of enrolling in FCNS 490, the following prerequisites must be completed: declaration as a major in emphasis 3; 4 hours of transitioning experience at the Child Development Lab; an overall GPA of at least 2.20 in all NIU course work; after admission to program and prior to admission to FCNS 490, completion of 50 hours of approved community service in a child development agency; completion of FCNS 230 and FCNS 330 with a grade of C or better, FCNS 331 or FCNS 332 with a grade of C or better, and FCNS 432; meet DCFS licensing requirements for personnel, including: physical and mental competencies that do not interfere with child care responsibilities, verification of a nonreactive two step tuberculin skin test and physical exam within the last 6 months, fingerprint-based criminal background check, and 3 letters of reference; certification in first aid and cardiac pulmonary resuscitation (CPR); and consent of the school. Professional liability insurance is provided through a course fee. Students must complete FCNS 490 with a grade of C or better.

Students electing the study area of parent/infant specialist must have completed FCNS 331 with a grade of C or better prior to taking FCNS 490. Students electing the study area of parent/infant or child life specialist must have taken FCNS 439 or be concurrently enrolled in it when taking FCNS 490. Students not meeting the requirements for entry into the practicum or internship may, with the consent of the school, change to the emphasis in family and individual development in order to complete graduation requirements.

Students must earn a grade of C or better in FCNS 230 or EPS 304 or PSYC 324 in order to enroll in FCNS 330, FCNS 331, and FCNS 332. Students are required to attend mandatory meetings every fall and spring semester prior to enrollment in FCNS 490.

At the time of enrolling in FCNS 490, the following prerequisites must be completed:

- declaration as a major in emphasis 3;
- an overall GPA of at least 2.20 in all NIU course work;
- completion of 50 hours of approved community service in a child development agency (completed after admission to program and prior to admission to FCNS 490);
- completion of FCNS 230 and FCNS 330 with a grade of C or better, FCNS 331 and FCNS 332 with a grade of C or better, and FCNS 432 and FCNS 498;
- meet DCFS licensing requirements for personnel, including:
  - physical and mental competencies that do not interfere with child care responsibilities,
verification of a nonreactive two step tuberculin skin test and physical exam within the last 6 months,
fingerprint-based criminal background check,
3 letters of reference,
and certification in first aid and cardiac pulmonary resuscitation (CPR);
and consent of the school.
Professional liability insurance is provided through a course fee.

Students must complete FCNS 490 with a grade of C or better. Students electing the study area of parent/infant or child life specialist must have taken FCNS 439 or be concurrently enrolled in it when taking FCNS 490. Students not meeting the requirements for entry into the practicum or internship may, with the consent of the school, change to the emphasis in family and individual development in order to complete graduation requirements.

Other Catalog Change Pages 156-158, 2011-12 Undergraduate Catalog

Comprehensive Major in Family and Child Studies (B.S.)
↓
Emphasis 1. Family and Individual Development
↓
Requirements outside School
One of the following (3)
ENGL 250 – Practical Writing (3)
IHHS UHHS 350 – Critical Thinking for Health and Human Services Professionals (3)
↓
Emphasis 2. Family Social Services
↓
Requirements outside School
One of the following (3)
ENGL 250 – Practical Writing (3)
IHHS UHHS 350 – Critical Thinking for Health and Human Services Professionals (3)
↓
Emphasis 3. Child Development
↓
Requirements outside School
↓
One of the following (3)
ENGL 250 – Practical Writing (3)
IHHS UHHS 350 – Critical Thinking for Health and Human Services Professionals (3)
Students with a major in the School of Family, Consumer, and Nutrition Sciences who want to be certified to teach family and consumer sciences in middle/junior high and high school must:

- plan their programs … … course duplication. See “Teacher Certification Requirements.”
- obtain consent … … in early field experiences.
- obtain school approval … … basic skills test in the Illinois Certification Testing System (ICTS); and a cumulative GPA of at least 2.75 in all NIU course work and 3.00 in FCNS course work with a minimum grade of C or better in each course used to fulfill the requirements of the Family and Consumer Sciences Teacher Certification program. Admission to a degree program does not guarantee admission to the certification program. Applications are due May 1 for the following academic year.
- obtain the Illinois State Sanitation Certificate prior to or as a corequisite with FCNS 200A.
- obtain school approval … … content test in the Illinois Certification Testing System. Applications are due February 15 for placement the following fall semester.
- maintain a minimum 2.75 GPA in all NIU course work with a 3.00 GPA in FCNS 344 and FCNS 345 for retention with a minimum grade of C or better in each course used to fulfill the requirements of the Family and Consumer Sciences Teacher Certification program.

CIP Code: 51.2201

409X. WATER QUALITY (4). Crosslisted as BIOS 409X, ENVS 409, and GEOL 409X. Survey of microbiological and chemical parameters affecting water quality and their associated public health aspects. Topics include microbial detection methods, waterborne disease, organic and inorganic parameters, drinking water, wastewater treatment plants, source water, and risk assessment. Lectures, laboratories, and a field trip. PRQ: CHEM 110 and CHEM 111; or consent of the department.
SECTION A – Recorded for inclusion in the Undergraduate Catalog

[Note: Documentation of ENVS, BIOS, and GEOL approval of this addition to the crosslisting has been received by the Catalog Editor.]

Course Revision Page 175, 2011-12 Undergraduate Catalog

305. FOUNDATIONS OF NURSING (3). Foundational concepts … … interdisciplinary team. PRQ: BIOS 213 and BIOS 357 and FCNS 201; and FCNS 280 or PSYC 225. CRQ: IHHS UHHS 350 or NURS 349X; and NURS 302.

312. NURSING RESEARCH AND EVIDENCE-BASED PRACTICE (3). Principles, methodology, … … interprofessional team. PRQ: STAT 208 or STAT 301; and NURS 303 and NURS 304 and NURS 305 and NURS 307 and NURS 308; and IHHS UHHS 350 or NURS 349X; or R.N. status.

349X. CRITICAL THINKING FOR HEALTH AND HUMAN SERVICES PROFESSIONALS (3). Crosslisted as IHHS UHHS 350. Development of critical thinking skills as applied to health and human services professionals. CRQ: NURS 305 or R.N. status.

Public Health and Health Education (PHHE)

↓

220 208. INTRODUCTION TO HEALTH EDUCATION (3). … …. 

300. HEALTH EDUCATION IN THE MIDDLE AND HIGH SCHOOL (3). Emphasis on learning … … health education. PRQ: Cumulative GPA of 2.75 or better and completion of PHHE 206 and PHHE 220 208 with a grade of C or better and successful completion of ICTS Basic Skills Test.

302. COLLOQUIUM IN SCHOOL HEALTH EDUCATION (3). Review and critical … … clinical experiences. PRQ: PHHE 220 208, PHHE 300, or consent of school.

400. METHODS AND MATERIALS IN SCHOOL HEALTH EDUCATION (3). Health education … … health education. PRQ: Grade of C or better in each of the following courses: PHHE 220 208, PHHE 300, and three content courses chosen from FCNS 201 or FCNS 405, PHHE 402, PHHE 404, PHHE 406, PHHE 508, PHHE 410, PHHE 412, or PHHE 472, or consent of school. CRQ: PHHE 482.

402. COMMUNITY HEALTH PROGRAMS AND ISSUES (3). Provides conceptual … … of factors. PRQ: PHHE 220 208 or consent of school.

484. MIDDLE SCHOOL STUDENT TEACHING IN HEALTH EDUCATION (6). Student teaching … … Certification Requirements.” S/U grading. PRQ: Pass ICTS Subject Area Test of Content Knowledge in Health Education, complete all major requirements, grade of C or better in each of the following courses: PHHE 220 208, PHHE 300, PHHE 400, PHHE 402, PHHE 404, PHHE 406, and PHHE 482, minimum cumulative overall GPA of 2.75, or consent of school.
SECTION A – Recorded for inclusion in the Undergraduate Catalog

486. SECONDARY SCHOOL STUDENT TEACHING IN HEALTH EDUCATION (6). Student teaching … … Certification Requirements.” S/U grading. PRQ: Pass ICTS Subject Area Test of Content Knowledge in Health Education, complete all major requirements, grade of C or better in each of the following courses: PHHE 220, PHHE 300, PHHE 400, PHHE 402, PHHE 404, PHHE 406, and PHHE 482, minimum cumulative overall GPA of 2.75, or consent of school.

R.N.-B.S. in Nursing Completion Program

Registered nurses who graduated over five years ago from a nursing program will automatically be granted the appropriate number of escrow credits provided they have practiced as a registered nurse…the R.N.-B.S. completion student is required to complete the following courses with a grade of C or better: NURS 302 or NURS 347; NURS 304, NURS 307, NURS 308, NURS 312; NURS 349X or IHHS UHHS 350; NURS 408, …

Major in Nursing (B.S.)

NURS 349X - Critical Thinking for Health and Human Services Professionals (3), OR IHHS UHHS 350 Critical Thinking for Health and Human Services Professionals (3)

Major in Health Education (B.S.Ed.)

All students seeking admission to the health education teacher certification program are required to have a minimum cumulative GPA of 2.75, a grade of C or better in PHHE 220, and pass the ICTS Basic Skills Test. These requirements must be met prior to admission to PHHE 300. Admission to PHHE 300 constitutes admission to the health education teacher certification program.

Requirements in School (40-42)

PHHE 206 - Contemporary Health Concepts (3)
PHHE 220 - Introduction to Health Education (3)
PHHE 300 - Health Education in the Middle and High School (3)

Minor in Health Education (29-31)

This minor prepares … … this program as a minor. Students planning to minor in health education must have a minimum cumulative GPA of 2.75, a grade of C or better in PHHE 220, and passed the ICTS Basic Skills Test prior to enrolling in 300-level professional health education courses.

KNPE 262 - First Aid and CPR (2)
*PHHE 206 - Contemporary Health Concepts (3)
PHHE 220 - Introduction to Health Education (3)
PHHE 300 - Health Education in the Middle and High School (3)

COLLEGE OF LIBERAL ARTS AND SCIENCES

All University Change

Inter-College Interdisciplinary Certificates and Programs

Other Catalog Change Page 331, 2011-12 Undergraduate Catalog

Certificate of Undergraduate Study
↓
Applied Ethics
↓
Three of the following (9)
↓
PHIL 362 353 – Philosophy of Law (3)

All College Section

Course Revision 2011-12 Undergraduate Catalog

ILAS 301. Second Clinical Experience (1-2) (2). Discipline-based early clinical experiences for prospective middle/junior and senior high school teachers. Focuses on the issues of adolescent development and learning relevant to successful teaching of the subject discipline practical application of theories of adolescent learning, developmental stages of reading, stages of English language acquisition, and differentiated instruction. Includes a minimum of 40-50 clock hours of supervised and formally evaluated participation in the discipline as it is taught on both the middle/junior and senior high school levels, and formal sessions on topics such as assessment and evaluation, multiculturalism, practical applications of adolescent development and learning to teaching strategies, and other current educational issues middle school and high school instructional settings, and seminars on topics such as lesson planning, assessment and evaluation, diversity, middle school theory and curriculum, reading in the content area, teaching English language learners, and other current educational issues. S/U grading. PRQ: Consent of discipline department.

Other Catalog Change Page 181, 2010-2011 Undergraduate Catalog
(Insert before College Requirements for the B.S. Degree.)

Grading policy – College Requirement for Multisection Courses

Current University policy stipulates that “Multi-section courses are expected to require similar levels of competence in all sections.” To achieve this goal, the policy further states that “Department and college
In order to assist students in their academic preparation and provide guidance to instructional faculty, a consistent and public statement of competencies should be developed for relevant multi-section courses. Departments will determine which courses are to be included in this policy, but may include those multi-section courses that teach clearly defined competencies (including, but not limited to, core competency courses and general education courses). Courses that serve as gateway courses and those that focus on particular skills or content mastery should also be considered. In courses whose stated competencies are required to progress in a sequence, competencies are to be clearly articulated. Departments are encouraged to develop common syllabi, select common texts, and ensure that the overall distribution of grades be reasonably consistent across multiple sections.

Implementation of the policy should fall under the regular due diligence of departmental curriculum committees in their regular evaluation and assessment of relevant courses. While measures of competencies are expected to be evaluated on a regular basis, it is not intended or expected that departments undertake curricular change that requires significant new resources. Departments are encouraged to work with the Office of Assessment Services to determine reasonable and effective mechanisms to meet evaluation needs.

Other Catalog Change

Minor in Classical Studies

Three of the following

- PHIL 421 – Plato (3)
- PHIL 422 – Aristotle (3)

Minor in Cognitive Studies

At least five of the following, … (15-16)

- PHIL 344 363 – Philosophy of Mind (3)
- PHIL 411 – Epistemology (3)

Minor in Women’s Studies

Three of the following

- 365 355. Feminism and Philosophy (3)

Concentration in Medieval Studies
SECTION A – Recorded for inclusion in the Undergraduate Catalog

Five of the following … (15)

↓

PHIL 422 – Aristotle (3)

Other Catalog Change

Page 192, 2011-12 Undergraduate Catalog

Pre-law

↓

PHIL 362 353 – Philosophy of Law (3)

Department of Foreign Languages and Literatures

Other Catalog Change

Page 238, 2011-12 Undergraduate Catalog

Minor in Chinese Studies

↓

Electives

↓

PHIL 382 – Chinese Philosophy (3)

Department of Geology and Environmental Geosciences

Course Revisions

Page 257 and 258 of the 2010-2011 Undergraduate Catalog

425. ENGINEERING GEOLOGY (3). Utilization and characterization … … problem solving. PRQ: GEOL 325, GEOL 335, MATH 230, MATH 211 or MATH 229, and PHYS 210 or PHYS 253, or consent of department.

478. GEOLOGICAL FIELD WORK (3). Field camp. Offered during summer session only. PRQ: GEOL 330, and GEOL 335, and GEOL 405. CRQ: GEOL 479.

491. GEOPHYSICAL WELL LOGGING (3). Qualitative and quantitative … … groundwater exploration. PRQ: GEOL 496, GEOL 325, PHYS 210 or PHYS 253, or consent of department.

493. GROUNDWATER GEOPHYSICS (3). Survey of geophysical … … interpretation methods. PRQ: GEOL 490, MATH 230, and PHYS 273, MATH 211 or MATH 229, PHYS 210 or PHYS 253, or consent of department.

Department of Philosophy

Course Deletions

Pages 276-278, 2010-2011 Undergraduate Catalog

102. INTRODUCTION TO PHILOSOPHY: PROBLEMS OF MORALITY, ART, AND RELIGION (3)

381. INDIAN PHILOSOPHY (3)
New Courses Pages 276-278, 2010-2011 Undergraduate Catalog

CIP Code 38.01

301. JUNIOR WRITING SEMINAR (3). Study of one major philosophical problem in a seminar setting. Includes intensive instruction in writing in the discipline, which aims to develop skill in presenting and critically evaluating arguments. PRQ: Philosophy major and consent of department.

406. ADVANCED LOGIC (3). Topics selected from major results of metalogic, including basic proof theory and model theory, soundness, completeness, the Löwenheim-Skolem theorem, computability, Gödel’s incompleteness theorem, and Church’s theorem. PRQ: PHIL 405 or consent of department.

421. MAJOR PHILOSOPHERS (3). Intensive study of a single figure in the history of philosophy such as Plato, Aristotle, Hume, or Kant. May be repeated to a maximum of 6 semester hours provided no repetition of subject matter occurs. PRQ: 6 semester hours of philosophy at the 300 level or consent of department.

450. TOPICS IN SOCIAL AND POLITICAL PHILOSOPHY (3). Intensive study of a major theory, issue, or movement in social and political philosophy. May be repeated to a maximum of 6 semester hours provided no repetition of subject matter occurs. PRQ: 6 semester hours of philosophy at the 300 level or consent of department.

461. METAPHYSICS OF SCIENCE (3). Examination of ontological issues within the sciences. Topics may include properties and other ontological categories, reduction and emergence, laws of nature, essentialism, and realism. PRQ: 6 semester hours of philosophy at the 300 level or consent of department.

464. PHILOSOPHY OF PHYSICS (3). Survey of philosophical problems specific to physics. Topics may include the nature of space and time in relativity theories; probability and irreversibility in thermodynamics and statistical mechanics; locality, causality, and objectivity in quantum theory; ontology, and attitudes toward infinities in quantum field theory. Presupposes neither technical knowledge of physical theories nor
advanced competence in mathematics. PRQ: 6 semester hours of philosophy at the 300 level or consent of department.

470. TOPICS IN PHILOSOPHY OF RELIGION (3). Detailed analysis of one or more key issues in contemporary analytic philosophy of religion, or in important recent theories of the nature and function of religion. May be repeated to a maximum of 6 semester hours provided no repetition of subject matter occurs. PRQ: 6 semester hours of philosophy at the 300 level or consent of department.

495. SENIOR CAPSTONE (1). Completion of additional advanced work, including a substantial philosophical essay, in a concurrent 400-level course of the student’s choice. PRQ: Philosophy major, senior standing, PHIL 301 with a grade of C or better, and consent of department. CRQ: A 400-level philosophy course other than PHIL 405 and PHIL 406.

GEC Course Revision 2011-12 Undergraduate Catalog

101. INTRODUCTION TO PHILOSOPHY (3). Study of some major philosophical issues, for example, the sources and limits of human knowledge, the meaning of human existence, the nature of morality, the existence of God, the relation of mind and body, and freedom of the will. Emphasis is on understanding philosophical theories and using the techniques of philosophical reasoning. Readings may be taken from traditional as well as contemporary sources. Investigation of enduring and fundamental questions about ourselves, the world, and our place in the world, such as: What am I? Do I have a mind or soul that is somehow separate from my body? How should I live? Do I have free will? Does God exist? What is knowledge? What is truth? What is beauty?

GEC 10/20/11

Course Revisions Page 193, 2010-2011 Undergraduate Catalog

PHILAS 170. WORLD RELIGIONS (3). Survey of the philosophical and theological foundations of the major religions of the world. … …

311. PROBLEMS OF KNOWLEDGE (3). An investigation into the nature, scope, and limits of human knowledge. Topics to be discussed will include different sources of knowledge, skepticism, and the relationship between truth, belief, and justification. KNOWLEDGE AND JUSTIFICATION (3). Introduction to epistemology, addressing such questions as: What is knowledge? What is justified belief? How are the two related? What is evidence, and how should it inform our beliefs? What are the scope and limits of human knowledge? Can we know anything at all? If so, how should we respond to skeptical arguments intended to show that we cannot?

312. THEORIES AND PROBLEMS OF REALITY (3). A study of various issues concerning the fundamental structure of reality. These may include the nature of time and space, change, causation, modality, matter and mind, action and free will, and the self. Readings may be taken from traditional as well as contemporary sources. INTRODUCTION TO METAPHYSICS (3). Introduction to philosophical...
problems about the nature of reality, addressing such questions as: Do human beings possess immaterial minds, or are they purely physical beings? Do human beings have free will? Is everything fated to occur exactly as it does? What is it for one event to cause another? Does anything ever happen by chance? Are wholes anything more than the sum of their parts? What are the fundamental constituents of reality?

321. ANCIENT PHILOSOPHY (3). Examination of selected writings in Ancient … … the Skeptics.

322. MODERN PHILOSOPHY (3). Examination of selected writings of major philosophers from the 16th to the 18th Century, drawing especially on the work of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant.

335. ENVIRONMENTAL ETHICS (3). Investigation of moral issues involving the environment. Topics may include the nature and extent of our duties regarding the environment, conservationism vs. preservationism, duties to future generations, biocentric ethics, ecofeminism, ethical individualism vs. ethical holism, the value of ecosystems, the moral status of animals, and animal experimentation.

336. BIOMEDICAL ETHICS (3). Examination of moral problems which arise in the context of health care practice and research. Consideration of both issues of individual conduct and public policy. May include discussion of general problems in ethical theory which have a direct bearing on these specific issues. Examination of ethical issues in health care, addressing such questions as: Is it ever appropriate for doctors to help patients die? Should there be limits on genetic manipulation or cloning? Should society provide health care for its citizens? What guidelines should govern animal and human medical research? Should doctors ever deceive patients to protect them from harm? Under what conditions is consent to medical treatment valid?

337. BUSINESS ETHICS (3). Consideration of moral problems arising in business as well as both issues of individual conduct and public policy. May include discussion of general problems in ethical theory which have a direct bearing on these specific issues. Examination of moral and ethical issues that arise in the context of business practices, addressing questions such as: To what extent should considerations other than profits determine business decisions? Who should be held responsible when corporations act immorally or break the law? What rights and obligations do employees and employers have with respect to one another? What obligations, if any, do businesses have to their consumers or to the general public?

341. PHILOSOPHY OF MIND (3). Survey of traditional and contemporary philosophical problems concerning the mind and the cognitive sciences. Topics may include the mind-body problem, the problem of other minds, personal identity, intentionality, mental causation, consciousness and self-awareness, reductionism, the possibility of artificial intelligence, and the nature of psychological explanation. Designed for students interested in psychology and cognitive science as well as for students interested in problems in the philosophy of mind. Introduction to philosophical problems about the mind, addressing such questions as: What is the relation between the mind and the brain? Is the mind-brain relation perhaps incomprehensible by the human mind? What can neuroscience and psychology tell us about the nature of mind? Is there a subjective quality to our experience that cannot be explained by objective scientific theories? Designed for students interested in psychology and cognitive science as well as for students interested in philosophy.
350. PHILOSOPHY OF SCIENCE (3). Study of the central philosophical problems raised by science, such as those concerning the nature of explanation, concept formation, realism and instrumentalism, and the nature of scientific progress. Designed for students interested in the sciences as well as for students interested in problems in the philosophy of science. Introduction to the philosophy of science, addressing such questions as: What are the methods distinctive of science? Are scientific methods more likely to lead to true theories than, say, crystal-ball-gazing? When scientists choose between rival theories, is the choice wholly rational or partly a matter of subjective taste? Are our best scientific theories approximately true descriptions of reality or merely instruments for making predictions?

351. SOCIAL AND POLITICAL PHILOSOPHY (3). Examination of the nature and justification of social practices and political institutions. Topics may include the philosophical bases of democracy and alternative political systems; social justice and political autonomy in an age of globalization; war and terrorism; and variants of multiculturalism, environmentalism, communitarianism, and fundamentalism. Introduction to some of the central debates in social and political philosophy, addressing such questions as: What, if anything, justifies state authority? Should the state attempt to promote equality among its citizens? Do rights of individuals or minority groups restrict the legitimate activity of the state? Can the welfare state be justified? What standards of justice ought to govern interactions between states?

352. PHILOSOPHY OF LAW (3). Study of the philosophical problems created by law. Typical problems include the relevance of custom to law, the logical structure of legal systems, the justification of law, natural law and social justice, and the relationship between international law and lesser bodies of law. Designed to be of interest to students in political and social science. Survey of philosophical problems in the law, addressing such questions as: What is the relationship between law and morality? What makes a particular law valid or authoritative? What sorts of behavior can the state legitimately regulate? What standards should judges use when interpreting or applying the law? What, if anything, justifies punishing those who break the law, and what forms of punishment are most appropriate?

355. FEMINISM AND PHILOSOPHY (3). Examination of feminist critiques of traditional philosophical problems, methods, and theories, and critical examination of the philosophical foundations of various feminist theories. Introduction to feminist challenges to traditional philosophy, addressing such questions as: Do women approach philosophical problems differently than men? What, if anything, is the philosophical significance of the centuries-long exclusion of women from philosophical scholarship? Do women bring a unique perspective to philosophical questions? What difference can women make to the practice of philosophy?

370. PHILOSOPHY OF RELIGION (3). Critical examination of the various aspects of religious experience and of related theological concepts and theories. Discussion of such topics as the relationship between myth and religion, the structure of worship, the significance of God’s existence, and the relevance of modern science to religious belief. Philosophical examination of religion, addressing such questions as: Does God exist? Is the world’s order and regularity a reason to think so? s the amount and variety of evil in the world a reason to think not? What is religion? Can it be reconciled with science? Are faith and
SECTION A – Recorded for inclusion in the Undergraduate Catalog

390. CONTEMPORARY TOPICS IN PHILOSOPHY (3). Philosophical dimensions of selected current topics studied in a variety of settings. Topics vary and may include science fiction and philosophy, philosophical aspects of emerging technologies, bioethics, and business ethics and philosophical aspects of sex, love, and gender. May be repeated to a maximum of 6 semester hours provided no repetition of subject matter occurs.

402. PHILOSOPHY OF LOGIC (3). Consideration of various philosophical issues concerning logic and its applications, for example, the nature of validity, theories of truth, paradoxes of reasoning, and classical versus non-standard logics. PRQ: PHIL 205 or consent of department.

403. PHILOSOPHY OF MATHEMATICS (3). Study of the nature of mathematics based on a philosophical examination of its fundamental subject-matter, concepts and methods. PRQ: 6 semester hours of philosophy at the 300 level or consent of department.

404. PHILOSOPHY OF LANGUAGE (3). Study of philosophical … … semantic paradoxes. PRQ: PHIL 205 or PHIL 405 and 3 semester hours of philosophy at the 300 level or consent of department.

410. TOPICS IN METAPHYSICS OR EPISTEMOLOGY (3). Intensive study of a major theory or issue in metaphysics or epistemology. May be repeated to a maximum of 6 semester hours toward any one degree provided no repetition of subject matter occurs. PRQ: 36 semester hours of philosophy at the 300 level or consent of department.

420. TOPICS IN THE HISTORY OF PHILOSOPHY (3).
   A. Major Philosophers
   B. 19th and 20th Century History of Philosophy
   C. Philosophical Movements
   Each topic may be repeated to a maximum of 6 semester hours toward any one degree provided no repetition of subject matter occurs. PRQ: 36 semester hours of philosophy at the 300 level or consent of department.

427. 19TH CENTURY PHILOSOPHY (3). Examination of selected writings by 19th century philosophers, such as Hegel, Schopenhauer, Marx, Kierkegaard, Mill, and Nietzsche. PRQ: 6 semester hours of philosophy at the 300 level including PHIL 322 or consent of department.

428. 20TH CENTURY PHENOMENOLOGY (3). Examination of selected writings by philosophers in the phenomenological tradition, such as Husserl, Heidegger, Sartre, and Merleau-Ponty. PRQ: 6 semester hours of philosophy at the 300 level including PHIL 322 or consent of department.

429. 20TH CENTURY ANALYTIC PHILOSOPHY (3). Examination of selected writings by philosophers in the analytic tradition, such as Moore, Russell, Wittgenstein, Carnap, Ryle, and Quine. PRQ: 6 semester hours of philosophy at the 300 level including PHIL 322 or consent of department.
430. TOPICS IN ETHICS (3). Intensive study of a major theory, issue, or movement in historical or contemporary ethics. May be repeated to a maximum of 6 semester hours toward any one degree provided no repetition of subject matter occurs. PRQ: 36 semester hours of philosophy at the 300 level or consent of department.

482. AMERICAN PHILOSOPHY (3). A study of some of the major traditions and thinkers in American philosophy. Readings may include selections from Edwards, Jefferson, Emerson, Peirce, James, Royce, Dewey, and more recent figures. PRQ: 6 semester hours of philosophy at the 300 level or consent of department.

490. SEMINAR TOPICS IN PHILOSOPHY (3). Intensive study of one major philosophical problem or position in historical or contemporary philosophy. May be repeated to a maximum of 9 semester hours toward any one degree provided no repetition of subject matter occurs. PRQ: 6 semester hours of philosophy at the 300 level or consent of department.

Major in Philosophy (B.A. or B.S.)

At least seven (7) semester hours of 400-level course work in philosophy is required to complete the major. Not more than nine (9) semester hours of 100- and 200-level course work in philosophy will count toward the major. At least nine (9) semester hours of 400-level course work in philosophy are required to complete the major.

Requirements in Department (3334)

PHIL 205 - Symbolic Logic (3),
OR PHIL 405 - Intermediate Logic (3)
PHIL 301 - Junior Writing Seminar (3), with a grade of C or better
PHIL 321 - Ancient Philosophy (3)
PHIL 322 - Modern Philosophy (3)
PHIL 495 - Senior Capstone (1)

Electives in philosophy (15), no more than nine (9) hours of which may be at the 100 or 200 level.

One course from each of the following three fields (9)

Ethics and value theory
PHIL 331 - Ethics (3)
PHIL 351 - Social and Political Philosophy (3)
PHIL 430 - Topics in Ethics (3)
PHIL 431 - Ethical Theory (3)
PHIL 442 - Theories of Value (3)
 SECTION A – Recorded for inclusion in the Undergraduate Catalog

Metaphysics or epistemology
PHIL 311 - Problems of Knowledge and Justification (3)
PHIL 312 - Theories and Problems of Reality Introduction to Metaphysics (3)
PHIL 410 - Topics in Metaphysics or Epistemology (3)
PHIL 411 – Epistemology (3)
PHIL 412 – Metaphysics (3)

History of Philosophy
PHIL 420 – Topics in the History of Philosophy (3)
PHIL 421 – Plato (3)
PHIL 422 – Aristotle (3)
PHIL 423 – Medieval Philosophy (3)
PHIL 424 – 17th and 18th Century Empiricism (3)
PHIL 425 – 17th and 18th Century Rationalism (3)
PHIL 426 – Kant (3)
PHIL 427 – 19th Century Philosophy (3)
PHIL 428 – 20th Century Phenomenology (3)
PHIL 429 – 20th Century Analytic Philosophy (3)
PHIL 482 – American Philosophy (3)
SECTION B – Recorded, but further approval needed before inclusion in the Undergraduate Catalog

p. 1 of 2

COLLEGE OF HEALTH AND HUMAN SCIENCES

All University Introductory Change

Limited Admissions and Limited Retention Requirements

APASC Other Catalog Change Page 23, 2011-12 Undergraduate Catalog

B.G.S. in Health and Human Sciences
(College of Health and Human Sciences)

All applicants must be practicing health or human sciences professionals who hold a current professional credential, certificate, or license in a health or human sciences field and have completed an applied associates degree program or equivalent number of credits. Other professional recognitions in health or human sciences may be considered on an individual basis. Applicants must be eligible for admission to NIU. The professional credential, certificate or license must be in the field in which the applicant is working or attempting to work. Contact the College of Health and Human Sciences advising office for applications forms.

School of Family, Consumer and Nutrition Sciences

APASC Other Catalog Change Page 162, 2011-12 Undergraduate Catalog

Minors

Certificates of Undergraduate Study
Illinois Director Credential Certificate – Level 2 (15)
This certificate is designed to meet the standards for the Illinois Director Credential (IDC) (Level 2) of the Illinois Network of Child Care Resource & Referral Agencies (INCCRA). The Illinois Director’s Credential is recognized by the National Association for the Education of Young Children’s (NAEYC) leadership criteria for NAEYC Accreditation and by the Program Administration Scale used to assess for the highest star rating in the state Quality Rating System for child care centers. Upon successful completion of this certificate, students will be eligible to apply for the IDC from INCCRA.

Applicants for the IDC certificate must hold a bachelor’s degree in a child-related major and must meet INCCRA Early Childhood Education (ECE) credential requirements for Level 5. To earn the certificate, students must maintain a good academic standing in the university, achieve a minimum grade of C in each certificate course, achieve a GPA of 2.50 in all certificate courses, and complete all certificate course work within five academic years.
Committee on the Undergraduate Curriculum (CUC)
Second Meeting/2010-11 Academic Year
October 13, 2011

Section B – Recorded, but further approval needed before inclusion in the Undergraduate Catalog

Core Courses (15)
- FCNS 431A – Internship: Child Development (3)
- FCNS 434 – Administration and Supervision of Quality Programs for Young Children from Diverse Backgrounds (3)
- FCNS 438 – Parent Education (3)
- FCNS 445 – Management of Human and Family Resources (3)
- FCNS 483 – Social Policy, Children and Families (3)
- FCNS 431A – Internship: Child Development (3)

Infant Toddler Credential Certificate – Level 5 (12)
This certificate is designed to meet the standards for the Infant Toddler Credential (ITC) (Level 5) of the Illinois Network of Child Care Resource & Referral Agencies (INCCRRA). The Infant Toddler Credential is recognized by the National Association for the Education of Young Children’s (NAEYC) teachers’ criteria for NAEYC Accreditation and by the Program Administration Scale used to assess for the highest star rating in the state Quality Rating System for child care centers. Upon successful completion of this certificate, students will be eligible to apply for the ITC from INCCRRA.

Applicants for the ITC certificate must hold a bachelor’s degree in a child-related major and must meet INCCRRA Early Childhood Education (ECE) credential requirements for Level 5. To earn the certificate, students must maintain a good academic standing in the university, achieve a minimum grade of C in each certificate course, achieve a GPA of 2.50 in all certificate courses, and complete all certificate course work within five academic years.

Core Courses (12)
- FCNS 331 – Inclusive Program Planning for Infants, Toddlers and Their Parents (3)
- FCNS 356A – Cooperative Education II: Child Development (3)
- FCNS 437 – Parent-Parent-Child Interaction from Birth to 8 Years (3)
- FCNS 439 – Infant Development in the Family: Typical and Atypical (3)
SECTION C – Items previously in Section B, now reported for inclusion in the 2012-13 Undergraduate Catalog

COLLEGE OF LIBERAL ARTS AND SCIENCES

All University Section

GEC Other Catalog Changes Page 33 and 37, 2009-10 Undergraduate Catalog Designation of BIOS 105 as a general education class.

General Education Requirements

Distributive Studies Area Course Descriptions

Sciences and Mathematics (7-11)

105. GENERAL BIOLOGY LABORATORY (1). Laboratory component of BIOS 104. Designed for students who have had BIOS 103 or its equivalent and need BIOS 104 or its equivalent. Not open for credit for majors in biological sciences or to students with previous credit in BIOS 104 or its equivalent. PRQ: BIOS 103 or its equivalent and one semester of college chemistry CHEM 110.

107. EVOLUTION FOR EVERYONE (3) Beginning with core principles, exploration of evolutionary theory is explored from an integrative and interdisciplinary perspective, with topics ranging from the biological sciences to all aspects of humanity. Not open for credit for majors in the biological sciences.

CUC Section B, 11/12/09; UCC approved CUC minutes, Dec. 2009; GEC approved 4/28/11; UCC approved GEC minutes 9/1/11

Environmental Studies

BOT/IBHE Other Catalog Change Page 225, 2009-10 Undergraduate Catalog New Designator and New Major (Position between Departments of English and Foreign Languages)

Environmental Studies (ENVS)

Environmental Studies seeks to (1) evaluate the nature and magnitude of environmental and climatic change at local, regional, and global scales; (2) understand and explore solutions to energy challenges; and (3) assess the impact of environmental, climatic, and energy challenges on society and contribute toward the development of a public policy that promotes sustainability.

Environmental Studies offers both a B.A. and a B.S. degree for a major in environmental studies. The major in environmental studies is designed primarily for students seeking a career in identifying the causes,
scales, and remediation and mitigation approaches to major local, regional, and global environmental problems. Each student must complete the required courses of the major along with an emphasis field. Courses used to satisfy the requirements for the major may have prerequisites that are not part of the major curriculum. Several university departments participate in the major in environmental studies including anthropology, biological sciences, geography, geology, history, industrial and systems engineering, philosophy, political science, sociology, and technology.

Major in Environmental Studies (B.A. or B.S.)

Requirements in ENVS (18)
ENVS 301 - Environmental Science I: Physical Systems (3)
ENVS 302 - Environmental Science II: Biological Systems (3)
ENVS 303 - Environment in the Social Sciences and Humanities (3)
ENVS 304 - Environmental Law, Policy and Economics (3)
ENVS 305 - Green Technologies (3)
ENVS 450 - Issues in Environmental Studies (3)

Requirements outside ENVS (B.A., 10-22; B.S., 15-16)

For the B.A. degree
Fulfillment of foreign language requirement (0-12)
(See “Foreign Language Requirement for the B.A. Degree.”)
CHEM 110 - Chemistry (3)
CHEM 111 - Chemistry Laboratory (1)
MATH 155 – Trigonometry and Elementary Functions (3)
OR MATH 211 – Calculus for Business and Social Science (3)
STAT 208 – Basic Statistics (3)

For the B.S. degree
CHEM 210 – General Chemistry I (3)
CHEM 211 – General Chemistry II (3)
CHEM 212 – General Chemistry Laboratory I (1)
CHEM 213 – General Chemistry Laboratory II (1)
MATH 211 – Calculus for Business and Social Science (3)
OR MATH 229 – Calculus I (4) and MATH 230 – Calculus II (4)
STAT 301 – Elementary Statistics (4)

Emphasis 1. Biodiversity and Environmental Restoration (34-41)
The diversity of life on earth (Biodiversity) represents a resource of unknown potential for improving human welfare that is increasingly put at risk by human activities. Perhaps the most significant challenge of the 21st century is to resolve how to best utilize this resource while providing effective stewardship such that biodiversity resources are maintained for future generations. Meeting this challenge requires a detailed understanding of the processes that promote, maintain, and diminish biodiversity at all levels of biological organization, from molecules to ecosystems, a theme that unites the many subdisciplines within biology. Organisms are intimately connected to their environments and environments vary on multiple spatial and temporal scales. Hence, utilization and stewardship of biodiversity requires understanding its connection to both natural and human-induced environmental change.

Requirements outside Environmental Studies (10)
BIOS 406 - Conservation Biology (4)
GEOG 322 - Geography of World Plant Communities (3)
GEOG 455 – Land-Use Planning (3)

Select three of the conceptually-based courses (9-12)
  ANTH 444 - Primate Ecology and Conservation (3)
  ANTH 445/BIOS 435X - Primate Evolution (3)
  BIOS 316 - General Ecology (4)
  BIOS 317 - Evolution (3)
  BIOS 433 - Behavioral Ecology (3)
  BIOS 439 - Molecular Evolution (3)
  BIOS 448 - Aquatic Ecology (4)
  BIOS 462 - Biogeography (3)
  BIOS 487 - Conservation Genetics (3)
  GEOG 422 - Plant-Soil Interactions (4)
  GEOG 453 - Environmental Management (3)
  GEOL 320 - Environments and Life Through Time (4)
  GEOL 488 - Environmental Change (3)

Select two of the methods-based courses (6-8)
  GEOG 302 - Soil Science (4)
  GEOG 359 - Introduction to Geographic Information Systems (3)
  GEOG 403 - Soil Geography and Land Use Planning (3)
  GEOG 413 - Forest Ecology and Management (3)
  GEOL 390 - Introduction to Groundwater (3)
  GEOL 421 - Environmental Geochemistry (3)
  GEOL 477 - Field Methods in Environmental Geosciences (4)

Select two of the following taxonomically-based courses (6-8)
  ANTH 341/BIOS 341X - Primatology (3)
  BIOS 412 - Mycology (4)
SECTION C – Items previously in Section B, now reported for inclusion in the 2012-13 Undergraduate Catalog

BIOS 415 - Water Microbiology (3)
BIOS 430 - Plant Systematics (4)
BIOS 453 - Entomology (3)
BIOS 456 - Biology of Fishes, Amphibians, and Reptiles (4)
BIOS 457 - Biology of Birds and Mammals (4)
BIOS 458/GEOL 458X - Vertebrate Paleontology (3)
GEOL 468/BIOS 468X - Geomicrobiology (3)
GEOL 470/BIOS 469X - Invertebrate Paleontology (3)
GEOL 471/BIOS 466X – Introduction to Micropaleontology (3)

Select one of the following humanities and social sciences courses (3)
ANTH 425 - Environment and Anthropology (3)
ECON 386 - Environmental Economics (3)
HIST 377 - American Environmental History (3)
PHIL 335 - Environmental Ethics (3)
POLS 220 - Introduction to Public Policy (3)
POLS 324 - Environmental Law and Policy (3)
SOCI 364 - Environmental Sociology (3)

Emphasis 2. Energy Studies (30)
This emphasis combines courses in the colleges of Liberal Arts and Sciences and Engineering and Engineering Technology and will introduce students to the world of green technology and energy related issues. The focus of the emphasis includes, but is not limited to, green concepts in power production, processing, manufacturing, ecologically friendly materials, and transportation. Students will also take courses on the humanities and social sciences to better understand the role that energy plays in society.

Requirements outside Environmental Studies (6)
GEOG 453 - Environmental Management (3)
TECH 484 - Energy Management (3)

Select three of the following technology/engineering-based courses (9)
ISYE 421 - Introduction to Green Engineering (3)
ISYE 453 - Integrated Product and Process Design (3)
MEE 101 - Energy and the Environment (3)
TECH 245 - Pollution, Pestilence, Prevention, and the Cost of Doing Business (3)
TECH 417 - Design for Energy Efficiency and Green Materials (3)
TECH 418 - Biobased Fuels and Alternative Applications (3)
TECH 419 - Energy Auditing (3)
TECH 432 - Disaster Preparedness (3)

Select three of the applications and natural science-based courses (9)
BIOS 106 - Environmental Biology (3)
SECTION C – Items previously in Section B, now reported for inclusion in the 2012-13 Undergraduate Catalog

GEOG 256 - Maps and Mapping (3)  
GEOG 359 - Introduction to Geographic Information Systems (3)  
GEOG 459 – Geographic Information Systems (3)  
GEOL 421 - Environmental Geochemistry (3)  
GEOL 425 - Engineering Geology (3)  
GEOL 496 - Geophysics (3)  
PHYS 140 - Physics and Society (3)  
PHYS 434 - Nuclear Energy and Radiation (3)  
Select one of the following humanities and social sciences courses (3)  
ANTH 425 - Environment and Anthropology (3)  
ECON 386 - Environmental Economics (3)  
GEOG 253 - Environment and Society (3)  
GEOG 455 - Land-Use Planning (3)  
HIST 377 - American Environmental History (3)  
PHIL 335 - Environmental Ethics (3)  
SOCI 364 - Environmental Sociology (3)  
Select one of the following law/policy courses (3)  
POLS 220 - Introduction to Public Policy (3)  
POLS 324 - Environmental Law and Policy (3)  

Emphasis 3. Human Experience (33-34)  
This emphasis is designed to give students broad exposure to how the environment is represented and researched in the social sciences and humanities. This includes a wide-ranging examination of environmental issues through time and from diverse perspectives in order to provide students the ability to better understand and critically assess contemporary environmental challenges. An underlying theme is the critical examination of the notion of sustainability as a potential principle underlying and guiding human interaction with the environment. Throughout the emphasis, issues of sustainability as they relate to rural/urban linkages will be emphasized.

Requirements outside Environmental Studies (9 credits)  
Select one of the following humanities courses (3)  
ENGL 400 - Literary Topics^{1} (3)  
HIST 377 - American Environmental History (3)  
PHIL 335 - Environmental Ethics (3)  
Select one of the following Social Science courses (3)  
ANTH 425 - Environment and Anthropology (3)  
ECON 386 - Environmental Economics (3)  
SOCI 364 - Environmental Sociology (3)  
Select one of the following policy courses (3)  
PHIL 361 - Social and Political Philosophy (3)
SECTION C – Items previously in Section B, now reported for inclusion in the 2012-13 Undergraduate Catalog

POLS 324 - Environmental Law and Policy (3)
POLS 330 - Bureaucracy and the Public Policy Process (3)

Select two of the following communication and writing courses (6)
- COMS 355 - Media Writing (3)
- COMS 419 - Political Communication in America (3)
- ENGL 308 - Technical Writing (3)
- ENGL 360 – Literature and other disciplines (3)
- ENGL 400 - Literary Topics (3)
- ENGL 403 - Technical Editing (3)
- JOUR 335 - Principles of Public Relations (3)
- JOUR 350 – Environment, Health, and the Media (3)
- JOUR 360 - Public Relations Writing (3)
- JOUR 401 - Editorial and Opinion Writing (3)
- JOUR 490 - Ethnic Minorities and the News Media (3)

Electives: (15) Students must select at least five of the following electives from at least four different departments in the social sciences and humanities.

Select at least two of the following social science courses (6)
- ANTH 102 - Rise of Civilization (3)
- ANTH 120 - Anthropology and Human Diversity (3)
- ANTH 301 - American Culture (3)
- ANTH 363 - Globalization and Corporate Cultures (3)
- ANTH 410 - Archaeology of Africa (3)
- ANTH 414 - Archaeology of Mesoamerica (3)
- ANTH 425 - Environment and Anthropology (3)
- ANTH 427 - Economic Anthropology (3)
- ANTH 435/GEOG 435X - Space in Language and Culture (3)
- ANTH 438 - Cultural Models: The Language of Culture (3)
- ANTH 443 - Human Adaptation and Variation (3)
- ANTH 444 - Primate Ecology and Conservation (3)
- ANTH 445/BIOS 435X - Primate Evolution (3)
- ANTH 466 - Hunters-Gatherers and the Transition to Food Production (3)
- ANTH 467 - Applied Anthropology (3)
- ANTH 491 – Current Topics in Anthropology (3)
- COMS 304 - Introduction to Persuasion Theory (3)
- COMS 361 - Business and Professional Communication (3)
- COMS 362 - Intercultural Communication (3)
- ECON 386 - Environmental Economics (3)
- GEOG 303 - Water Resources and the Environment (3)
- GEOG 359 - Introduction to Geographic Information Systems (3)
GEOG 430 - Population Geography (3)
GEOG 455 - Land-use Planning (3)
JOUR 360 - Public Relations Writing (3)
JOUR 435/COMS 435X - Advanced Public Relations (3)
POLS 306 - The Mass Media in American Politics (3)
POLS 322/BIOS 322X - Politics and the Life Sciences (3)
POLS 324 - Environmental Law and Policy (3)
POLS 330 - Bureaucracy and the Public Policy Process (3)
POLS 480 - International Law and Organization (3)
SOCI 364 - Environmental Sociology (3)
SOCI 379 - Collective Behavior and Social Movements (3)
SOCI 386 - Peace and Social Justice (3)
SOCI 392 - Organizing for Social Action (3)

Select at least two of the following humanities courses (6)
ARTH 385 - Pre-Columbian Art (3)
ARTH 386 - Arts of Africa, Oceania, and the Americas (3)
ARTH 397 - American Art (3)
ARTH 398 - 20th Century Art (3)
ENGL 322 - Language in American Society (3)
ENGL 360 - Literature and Other Disciplines\(^1\) (3)
ENGL 400 - Literary Topics\(^1\) (3)
HIST 359 - History of Illinois (3)
HIST 376 - Evolution of American Capitalism (3)
HIST 377 - American Environmental History (3)
HIST 465 - Industrial America: 1877-1901 (3)
HIST 466 - Corporate America: 1900-1929 (3)
HIST 467 - Liberal America: 1929-1961 (3)
HIST 468 - America since 1960 (3)
PHIL 335 - Environmental Ethics (3)
PHIL 352 - Philosophy of Science (3)
PHIL 361 - Social and Political Philosophy (3)
PHIL 362 - Philosophy of Law (3)
WOMS 430 - Special Topics in Women’s Studies\(^1\) (3)
WOMS 432 - Feminist Theory (3)

Select one of the following science, engineering, and technology courses (3-4)
BIOS 106 - Environmental Biology (3)
BIOS 406 - Conservation Biology (4)
CHEM 100 - Chemistry in Everyday Life (3)
GEOG 253 - Environment and Society (3)
GEOG 303 - Water Resources and the Environment (3)
SECTION C – Items previously in Section B, now reported for inclusion in the 2012-13 Undergraduate Catalog

GEOG 455 - Land Use Planning (3)
GEOL 105 - Environmental Geology (3)
GEOL 320 - Environments and Life through Time (4)
MEE 101 - Energy and the Environment (3)
PHYS 140 - Physics and Society (3)
TECH 245 - Pollution, Pestilence, Prevention and the Cost of Doing Business (3)

¹ Course taught on an intermittent basis and will count towards ENVS when the topic is appropriate

**Emphasis 4. Environmental Policy (30-40)**
This emphasis is designed to give students an understanding of how American law and policy have responded to environmental problems. This includes how environmental law operates and the goals of specific laws, equipping students to evaluate and better understand environmental legal issues they might encounter in their subsequent studies and professional lives.

**Requirements outside Environmental Studies (9)**
Select one of the following Policy courses (3)
POLS 324 - Environmental Law and Policy (3)
POLS 330 - Bureaucracy and the Public Policy Process (3)
POLS 410 - Constitutional Law I (3)
Select one of the following Social Science courses (3)
ECON 386 - Environmental Economics (3)
SOCI 364 - Environmental Sociology (3)
SOCI 441 - The Urban Community (3)
Select one of the following Humanities courses (3)
HIST 377 - American Environmental History (3)
PHIL 335 - Environmental Ethics (3)
PHIL 352 - Philosophy of Science (3)

Electives: (21-22)
Select at least two of the following Policy courses (6-9)
POLS 302 - Government in Metropolitan Areas (3)
POLS 303 - State and Local Government (3)
POLS 304 - American Public Opinion (3)
POLS 307 - The U.S. Congress (3)
POLS 320 - Biopolitics and Human Nature (3)
POLS 322/BIOS 322X - Politics and the Life Sciences (3)
POLS 324 - Environmental Law and Policy (3)
POLS 326 - Nonprofit Management (3)
POLS 330 - Bureaucracy and the Public Policy Process (3)
POLS 331 - Public Administration (3)
POLS 360 - Government and Politics in Western Europe (3)
POLS 362 - Politics of Developing Areas (3)
POLS 365 - Government and Politics in Eastern Europe (3)
POLS 366 - Politics of Russia and Eurasia (3)
POLS 368 - Governmental Systems in Africa (3)
POLS 371 - Politics in Southeast Asia (3)
POLS 372 - Politics of China, Japan and Korea (3)
POLS 410 - Constitutional Law I (3)
POLS 480 - International Law and Organization (3)

Select at least two of the following Social Science and Writing courses (6-9)
COMS 361 - Business and Professional Communication (3)
COMS 419 - Political Communication in America (3)
ECON 386 - Environmental Economics (3)
ENGL 308 - Technical Writing (3)
ENGL 403 - Technical Editing (3)
JOUR 335 - Principles of Public Relations (3)
JOUR 360 - Public Relations Writing (3)
SOCI 364 - Environmental Sociology (3)
SOCI 441 - The Urban Community (3)

Select at least two the following Humanities courses (6-9)
HIST 323 - History of Science to Newton (3)
HIST 324 - History of Science since 1650 (3)
HIST 361 - History of Health and Medicine in the United States (3)
HIST 377 - American Environmental History (3)
PHIL 335 - Environmental Ethics (3)
PHIL 352 - Philosophy of Science (3)
PHIL 361 - Social and Political Philosophy (3)
PHIL 362 - Philosophy of Law (3)

Select one of the following science, engineering, and technology courses (3-4)
BIOS 106 - Environmental Biology (3)
BIOS 406 - Conservation Biology (4)
CHEM 100 - Chemistry in Everyday Life (3)
GEOG 253 - Environment and Society (3)
GEOG 303 - Water Resources and the Environment (3)
GEOG 455 - Land Use Planning (3)
GEOL 105 - Environmental Geology (3)
GEOL 320 - Environments and Life through Time (4)
PHYS 140 - Physics and Society (3)
MEE 101 - Energy and the Environment (3)
Emphasis 5. Non-Government Organization (33-34)
This emphasis is linked with the new major in community leadership and civic engagement (CLCE). This emphasis is designed for students who are interested in seeking a career in public affairs in government, voluntary social agencies, and public interest groups that focus on environmental or energy issues.

Requirements outside Environmental Studies (27)
ANTH 329 - Anthropology and Contemporary World Problems (3)
ANTH 467 - Applied Anthropology (3)
CLCE 100 - Introduction to Public Service (3)
CLCE 400 - Community Engagement (3)
COMS 362 - Intercultural Communication (3)
POLS 326/PSPA 326X - Nonprofit Management (3)
PSPA 201 - Public Service Leadership (3)
PSPA 401 - Philanthropy and Volunteerism (3)
PSPA 402/MGMT402X - Resource Strategies for Nonprofit Organizations (3)

Select one of the following science, engineering, and technology courses (3-4)
BIOS 106 - Environmental Biology (3)
BIOS 406 - Conservation Biology (4)
GEOG 253 - Environment and Society (3)
GEOG 303 - Water Resources and the Environment (3)
GEOG 455 - Land Use Planning (3)
GEOL 105 - Environmental Geology (3)
GEOL 320 - Environments and Life through Time (4)
MEE 101 - Energy and the Environment (3)
TECH 245 - Pollution, Pestilence, Prevention and the Cost of Doing Business (3)

Select one of the following humanities and social sciences courses (3)
ANTH 425 - Environment and Anthropology (3)
ECON 386 - Environmental Economics (3)
HIST 377 - American Environmental History (3)
PHIL 335 - Environmental Ethics (3)
POLS 220 - Introduction to Public Policy (3)
POLS 324 - Environmental Law and Policy (3)
SOCI 364 - Environmental Sociology (3)

Emphasis 6. Water (33-37)
Whether it is for agriculture, industry, or personal consumption, current use of fresh water by humans is unsustainable. In many parts of the world, access to clean, safe drinking water is lacking. With the human
population predicted to expand for the next 40-50 years demand for water will increase dramatically in the coming decades. It is essential that students pursuing environmental studies are well grounded in the economic, legal, physical, and biological facets of water resources.

Requirements outside Environmental Studies (9)
GEOG 303 - Water Resources and the Environment (3)
GEOG 492/GEOL 492X - Hydrology (3)
GEOL 390 - Introduction to Groundwater (3)

Select three of the following conceptually-based courses (9-11)
BIOS 406 - Conservation Biology (4)
BIOS 415 - Water Microbiology (3)
BIOS 448 - Aquatic Ecology (4)
GEOL 421 - Environmental Geochemistry (3)
GEOL 442/GEOG 442X - Geomorphology (3)
GEOL 468/BIOS 468X - Geomicrobiology (3)
GEOL 490 - Hydrogeology (3)
GEOL 493 - Groundwater Geophysics (3)
GEOL 496 - Geophysics (3)

Select three of the following methods-based courses (9-11)
GEOG 302 - Soil Science (4)
GEOG 403 - Soil Geography and Land Use Planning (3)
GEOG 453 - Environmental Management (3)
GEOG 455 – Land-Use Planning (3)
GEOL 425 - Engineering Geology (3)
GEOL 477 - Field Methods in Environmental Geosciences (4)
GEOL 491 - Geophysical Well Logging (3)

Select one of the following engineering/technology-based courses (3)
ISYE 421 - Introduction to Green Engineering (3)
MEE 101 - Energy and the Environment (3)
MEE 340 - Fluid Mechanics (3)
TECH 245 - Pollution, Pestilence, Prevention and the Cost of Doing Business (3)

Select one of the following humanities and social sciences courses (3)
ANTH 425 - Environment and Anthropology (3)
ECON 386 - Environmental Economics (3)
HIST 377 - American Environmental History (3)
PHIL 335 - Environmental Ethics (3)
POLS 220 - Introduction to Public Policy (3)
POLS 324 - Environmental Law and Policy (3)
SOCI 364 - Environmental Sociology (3)
Total Hours for a Major in Environmental Studies: 58-81 (B.A.) OR 63-75 (B.S.)

Non-Governmental Organization Leadership and Development Center (NGOLD, CLCE)

BOT/ Other Catalog Change Page 265, 2009-10 Undergraduate Catalog
IBHE New Degree (Insert between Mathematics and Philosophy Depts.)

Non-Governmental Organization Leadership and Development Center (NGOLD, CLCE)

↓

Major in Community Leadership and Civic Engagement (B.A. or B.S.)

Requirements in Department (6)
CLCE 100 – Introduction to Public Service (3)
CLCE 400 – Community Engagement (3)

Requirements outside Department (B.A., 39-51; B.S., 46-51)

ANTH 329 – Anthropology and Contemporary World Problems (3)
ANTH 467 – Applied Anthropology (3)
COMS 220 – Rhetoric and Public Issues (3)
COMS 362 – Intercultural Communication (3)
ECON 260 – Principles of Microeconomics (3)
ECON 261 – Principles of Macroeconomics (3)
MGMT 217 – Legal Environment of Business (3)
PSPA 201 – Public Service Leadership (3)
PSPA 326X – Nonprofit Management (3)
OR POLS 326 - Nonprofit Management (3)
PSPA 401 – Philanthropy and Volunteerism (3)
PSPA 402 – Resource Strategies for Non-Profit Organizations (3)
OR MGMT 402X - Resource Strategies for Non-Profit Organizations (3)
SOCI 170 – Introduction to Sociology (3)

For the B.A. degree
Fulfillment of foreign language requirement (0-12) (See “Foreign Language Requirement for the B.A. Degree.”)
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Approved coursework in foreign literature or culture (3)

*For the B.S. degree*

Laboratory science/mathematical/computational skills sequence (10-15) (See “College Requirement for the B.S. Degree.”)

**Emphasis 1. Advocacy**

**Requirements outside Department (15)**

Five of the following, from at least three different departments (15)

- COMS 300 – Speech Writing (3)
- COMS 302 – Introduction to Organizational Communication Theory (3)
- COMS 305 – Argumentation and Debate (3)
- COMS 401 – Criticism of Public Rhetoric (3)
- COMS 403 – Freedom of Speech and Communication Ethics (3)
- COMS 470 – Campaign Strategies and Development (3)
- JOUR 401 – Editorial and Opinion Writing (3)
- POLS 220 – Introduction to Public Policy (3)
- PSPA 330X – Bureaucracy and the Public Policy Process (3)
  OR POLS 330 - Bureaucracy and the Public Policy Process (3)
- PSPA 331X – Introduction to Public Administration (3)
  OR POLS 331 – Introduction to Public Administration (3)
- SOCI 375 – Sociology of Organizations (3)
- SOCI 392 – Organizing for Social Action (3)

**Emphasis 2. Arts and Humanities**

**Requirements outside Department (15)**

Five of the following, from at least four different departments (15)

- ANTH 462 – Museum Methods (3)
- ART 457 – Museum Education (3)
- ART 465 – Introduction to Museum Studies (3)
- HIST 352 – Popular Culture in Japan (3)
- HIST 383 – Latin America through Film (3)
- HIST 390 – Film and History (3)
- MUSC 326 – Survey of World Music (3)
- MUSC 431 – Music of Southeast Asia (3)
- MUSC 432 – Music of China (3)
- THEA 203 – Introduction to Theatre (3)
- THEA 370 – History of Theatre and Drama I (3)
SECTION C – Items previously in Section B, now reported for inclusion in the 2012-13 Undergraduate Catalog

THEA 371 – History of Theatre and Drama II (3)
THEA 395B – Performance and Production: Theatre Management and Public Relations (3)
THEA 475 – Contemporary Theatre (3)
THEA 480 – Studies in American Theatre History (3)

Emphasis 3. Enterprise

Requirements outside Department (15)
Five of the following, from at least four different departments (15)
ACCY 288 – Introduction to Fundamentals of Accounting (3)
ECON 330 – International Economics (3)
ECON 385 – Introduction to Urban and Regional Economics (3)
HIST 354 – Black American Business and Entrepreneurship (3)
HIST 486 – Poverty and Progress in Latin America (3)
MGMT 311 – Social Entrepreneurship (3)
MGMT 333 – Principles of Management (3)
MKTG 310 – Principles of Marketing (3)

Emphasis 4. Environmental

Requirements outside Department (15)
Option A
Five of the following, from at least four different departments (one ENVS course required)
ANTH 425 – Environment and Anthropology (3)
ECON 386 – Environmental Economics (3)
GEOG 253 – Environment and Society (3)
ENVS 301 – Environmental Science I: Physical Systems (3)
ENVS 302 – Environmental Science II: Biological Systems (3)
ENVS 303 – Environment in the Social Sciences and Humanities (3)
ENVS 304 – Environmental Law, Policy, and Economics (3)
ENVS 305 – Green Technology (3)
JOUR 350 – Environment, Health, and Media (3)
HIST 377 – American Environmental History (3)
SOCI 364 – Environmental Sociology (3)

Option B
ENVS 301 – Environmental Science I: Physical Systems (3)
ENVS 302 – Environmental Science II: Biological Systems (3)
ENVS 303 – Environment in the Social Sciences and Humanities (3)
ENVS 304 – Environmental Law, Policy, and Economics (3)
ENVS 305 – Green Technologies (3)
Emphasis 5. Global

Requirements outside Department (15)
Five of the following, from at least four different departments (15)
- ANTH 363 – Globalization and Corporate Cultures (3)
- ANTH 426 – Political Anthropology (3)
- ANTH 427 – Economic Anthropology (3)
- COMS 454 – Transnational Communication and Media (3)
- ECON 330 – International Economics (3)
- GEOG 202 – World Regional Geography (3)
- JOUR 482 – International News Communications (3)
- JOUR 490 – Ethnic Minorities and the News Media (3)
- MKTG 367 – Principles of Global Marketing (3)
- POLS 386 – Global Terrorism (3)
- SOCI 457 – Families in a Global Perspective (3)
- Approved comparative politics courses (3)
- Approved course work in non-United States history (3)

Total Hours for a Major in Community Leadership and Civic Engagement: 60-72 (B.A.) OR 67-72 (B.S.)