CUC Chair Lenczewski called the meeting to order.

APPROVAL OF AGENDA

Aase made a motion, seconded by Jaffee, to APPROVE THE AGENDA. Motion passed unanimously.

ANNOUNCEMENTS

1. Minutes from the September 11, 2014, meeting have been approved.
2. Section C: Items previously in Section B, now reported for inclusion in the 2015-16 Undergraduate Catalog

CONSENT AGENDA

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

   College of Business #1
   College of Health and Human Sciences #1

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

   College of Education #1
   College of Education #2
   College of Engineering and Engineering Technology #1 (pending APASC approval)

COLLEGE MINUTES AND OTHER CURRICULAR ITEMS FOR DISCUSSION

College of Health & Human Sciences #2

The changes to the Early Childhood Education program were noted and Lenczewski pointed out that they still have revisions to send in in order to stay parallel with what was submitted by the College of Education. Aase made a motion, seconded by Gómez-Vega, TO TABLE THE UNDERGRADUATE CURRICULAR ITEMS IN
COLLEGE OF HEALTH AND HUMAN SCIENCES #2 (9/5/14). Motion passed unanimously.

New course FCNS 430 and the change to the program from “textiles, apparel and merchandising” to “fashion merchandising” were noted. Gray made a motion, seconded by Gómez-Vega, TO APPROVE THE UNDERGRADUATE CURRICULAR ITEMS IN COLLEGE OF HEALTH AND HUMAN SCIENCES #3 (9/12/14) PENDING PRESIDENT BAKER APPROVAL. Motion passed unanimously.

New courses HIST 366, HIST 367, and HIST 456 were noted. Regarding HIST 367 – U.S. LGBT History, what would Kristen Myers, director of LGBT Studies, do to add the course to that program. Lenczewski said she would need to make the change through the curricular process. Atkins asked if she could be notified that this new course will probably be available. Smith said she would make that contact. Lenczewski said she would probably recommend HIST 366 – Farms, Food and Rural America, for the Environmental Studies program. She added that this is one of the reasons why new courses are brought up for discussion, to alert other departments of courses they may want to add to their programs. Atkins made a motion, seconded by Gómez-Vega, TO APPROVE THE UNDERGRADUATE CURRICULAR ITEMS IN COLLEGE OF LIBERAL ARTS AND SCIENCES #1 (8/27/14) PENDING PRESIDENT BAKER APPROVAL. Motion passed unanimously.

New course ENVS 410 was noted. Lenczewski said that students in this field of study are required to have the type 2 certification to do controlled burns so through this course they will earn that certification. Aase made a motion, seconded by Gray, TO APPROVE THE UNDERGRADUATE CURRICULAR ITEMS IN COLLEGE OF LIBERAL ARTS AND SCIENCES #2 (9/10/14). Motion passed unanimously.

Several new ECON courses were discussed. Committee members made note of the description for ECON 373 and that it may not be proper catalog style (i.e., “Economics with a heart….”). They asked that this be pointed out to the department with a suggestion that they consider revising the description. Aase made a motion, seconded by Gómez-Vega, TO APPROVE THE UNDERGRADUATE CURRICULAR ITEMS IN COLLEGE OF LIBERAL ARTS AND SCIENCES #3 (9/17/14) PENDING PRESIDENT BAKER APPROVAL. Motion passed unanimously.

OLD BUSINESS

1. CEDU #13 (AY 13-14). Tabled for parallel proposal from the School of FCNS. Only a partial parallel proposal has been received to date, so this needs to stay tabled.
2. APPM revisions. Aase asked about other APPM revisions that were tabled last spring, especially with articulation of what constitutes a minor, major, certificate, etc. Smith will look into this and there will be a report for the next meeting.

NEW BUSINESS

1. PLUS catalog language. The language before the CUC is mostly informative at this time since the PLUS system has yet to be approved. The PLUS report is still open for comment and Kolb encouraged CUC members to send in their comments. Other committees that will be involved in reviewing the catalog language are the GEC and APASC. The CUC would be responsible for UNIV courses. Kolb provided a brief overview of what is proposed in the PLUS report for CUC members who were not familiar with it. Kolb added that the catalog language was not complete with regards to the courses listed; it is just a draft of how PLUS may look in the catalog. The Pathways listed are just examples and are not yet fully developed. It was asked if the Pathways could be done through advising and Smith said that all of the Pathways and the courses available to each need to be listed in the catalog so students are aware of what they can take as well as Registration and Records being informed as to what to code in MyNIU. Aase asked how is the catalog going to illustrate two paths to general education fulfillment, i.e., paths for native students and paths for transfer students. It was clarified that this will be clearly defined in the catalog. The catalog currently addresses the IAI, so that will not change with PLUS. Kolb asked the CUC to start thinking about how to address the UNIV 301 course that is proposed in the PLUS report. Kolb added that the GEC will work on where existing general education courses will go—which Knowledge Domains--if PLUS is adopted. The GEC will also develop a procedure for accepting new general education course into the program.

2. New UNIV course. Lenczewski presented the proposal for a UNIV course titled Local Food Management. The CUC discussed the advantages of this being a UNIV course; it is interdisciplinary and would be more visible to students. Kilaparti asked who would be teaching the course and Lenczewski replied that several departments are involved. They will be using the Communiiversity Garden as a hands-on experience. Committee members discussed placing the course in an academic department. Atkins suggested that it could be an ENVS course since that program is already interdisciplinary. Smith will report at the next meeting what it means to be a UNIV course. Lenczewski said she will work on nonduplication with BIOS, GEOG, and NGOLD. Gray said she will check with her college.

Atkins made a motion, seconded by Kilaparti, TO ADJOURN. Motion passed by acclamation at 1:35 p.m.

The next meeting will be November 13, 2014, 12:30, Altgeld 203.

Respectfully submitted,

Donna M. Smith
SECTION A – Recorded for inclusion in the 2015-16 Undergraduate Catalog

COLLEGE OF EDUCATION

Department of Literacy and Elementary Education

Course Deletion Page 116, 2013-14 Undergraduate Catalog

LTLA 430. CONTEMPORARY LANGUAGE ARTS (3)

Course Revisions Page 118, 2014-15 Undergraduate Catalog

LTLA 341. LANGUAGE ARTS IN THE ELEMENTARY SCHOOL (3). Development of … … materials. PRQ: GPA of at least 2.75, junior standing, and successful completion of the ICTS Test of Academic Proficiency or equivalent ACT waiver.

LTRE 300. ELEMENTARY SCHOOL DEVELOPMENTAL READING PROGRAMS (3). Development of … … development. PRQ: Elementary education and special education major, GPA of at least 2.75, at least sophomore standing, and successful completion of the ICTS Test of Academic Proficiency or equivalent ACT waiver.

TLEE 344. TEACHING SCIENCE IN THE ELEMENTARY SCHOOL (3). The application of … … in the elementary program (K-6). Emphasis … …

Other Catalog Change Page 115, 2013-14 Undergraduate Catalog

Department of Literacy and Elementary Education

↓
The Department of Literacy and Elementary Education offers … …, English as a second language, social studies education, science education, elementary teacher education, and multicultural education.

↓
Major in Elementary Education (B.S.Ed.)

↓
Special Requirements
Students must receive conditional admission to teacher education prior to enrollment in TLEE 382, Clinical Experience in Elementary School Curriculum and Instruction.

↓

COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY

Department of Industrial and Systems Engineering
SECTION A – Recorded for inclusion in the 2015-16 Undergraduate Catalog

Course Revisions 2014-15 Undergraduate Catalog

439. SIX SIGMA PERFORMANCE EXCELLENCE (3). The Six Sigma Formula … …. PRQ: ISYE 335 or STAT 335, or UBUS 223.

480. SIMULATION MODELING AND ANALYSIS (3). … …. PRQ: ISYE 335, or STAT 350, or UBUS 223 and CSCI 240, and ISYE 371; or consent of department.

Other Catalog Change 2014-15 Undergraduate Catalog

Major in Industrial and Systems Engineering (B.S.)

Emphasis 2. Manufacturing Systems

Requirements in Department (45)

ISYE 335 – Probability and Statistics for Engineering Engineers (3)

Emphasis 3. Engineering Management

Requirements outside Department (48-52)

ELE 210 – Engineering Circuit Analysis (3)

OR TECH 175 – Electronic Fundamentals (3) AND TECH 175A – Electronic Fundamentals Laboratory (1)

*MATH 229 – Calculus I (4)

Department of Technology

Course Revisions 2014-15 Undergraduate Catalog

411. GREENING INDUSTRIAL OPERATIONS ENVIRONMENTAL SUSTAINABILITY PRACTICES FOR INDUSTRIAL OPERATIONS (3). … …. PRQ: TECH 245 or TECH 305 or consent of department.

437. FUNDAMENTALS OF INDUSTRIAL HYGIENE (3). Application of principles of industrial (or occupational) hygiene for the safety specialist, whose role has been greatly expanded by recent federal legislation and current industry practices. Emphasis on recognition and evaluation of stress-producing conditions in the workplace including chemical exposure, noise, ventilation, temperature, radiation, lighting, and their effect on human performance and productivity. PRQ: CHEM 110, CHEM 111, MATH 155 with a C or better, TECH 231, and TECH 434; or consent of department.
SECTION A – Recorded for inclusion in the 2015-16 Undergraduate Catalog

Other Catalog Change 2014-15 Undergraduate Catalog

Department of Technology (TECH)
  ↓
Major in Technology (B.S.)
  ↓
Emphasis 6. Energy and Environmental Technology

Requirements in Department (58-59)
  ↓
TECH 411 – Greening Industrial Operations  Environmental Sustainability Practices for Industrial Operations (3)
  ↓

COLLEGE OF HEALTH AND HUMAN SCIENCES

All University Section

Inter-College and University-Wide Interdisciplinary Courses

Course Revision Page 362, 2014-15 Undergraduate Catalog

Gerontology
IDSP 465. ISSUES IN GERONTOLOGY (3). Interdisciplinary examination of aging and the older adult population. Includes physiological, psychosocial, health, and health promotion aspects of aging.
PRQ: Senior standing or consent of gerontology program director.

[Note: This course is not being deleted from the catalog, it is moving to the College of Health and Human Science section, renumbered as UHHS 465.]

All College Section

Course Revision Page 158, 2014-15 Undergraduate Catalog

UHHS 465. ISSUES IN GERONTOLOGY (3). Interdisciplinary examination of aging and the older adult population. Includes physiological, psychosocial, health, and health promotion aspects of aging.
PRQ: Junior standing or consent of gerontology program director.

[Note: This course is not new, it is moving to the College of Health and Human Science section from the Inter-College and University-Wide Interdisciplinary Courses section, renumbered from IDSP 465.]
466. TOPICS IN GERONTOLOGY (3). Exploration of current … … changes. PRQ: IDSP UHHS 465 and junior standing or consent of college.

467. FIELDWORK IN GERONTOLOGY (3). Application of … … semester hours. PRQ: IDSP UHHS 465 and junior standing or consent of college.

Other Catalog Change

B.G.S. Degree
↓
B.G.S. Requirements (50)
↓
IDSP UHHS 465 - Issues in Gerontology (3)
↓
Minor in Gerontology (15)
↓
Primary Content Area (9-12)
IDSP UHHS 465 - Issues in Gerontology (3)
↓
Certificates on Undergraduate Study
↓
Core Courses (6)
IDSP UHHS 465 - Issues in Gerontology (3)
↓

School of Allied Health and Communicative Disorders

Course Revision

COMD 325. INTRODUCTION TO HEARING AND SPEECH SCIENCE (4). Physical acoustics, … … analysis of speech. PRQ: BIOS 109 or BIOS 357; COMD 221; and MATH 155 or MATH 210; and PHYS 150 or PHYS 180 or PHYS 210; and COMD 224. CRQ: COMD 323.

Other Catalog Change

Major in Communicative Disorders (B.S.)
↓
Requirements outside School (18-21)
↓
One of the following (3)
IDSP UHHS 465 - Issues in Gerontology (3)
SECTION A – Recorded for inclusion in the 2015-16 Undergraduate Catalog

New Course

CIP Code: 51.3101

Nutrition, Dietetics, and Hospitality Management

430. DATA ANALYSIS FOR THE HOSPITALITY INDUSTRY (3). Designed to acquaint students with a variety of data, including the hotel industry performance reports and restaurant industry operations report, that can be turned into useful information for sound hospitality decision making. PRQ: FCNS 425 and MATH 210 or MATH 211.

Course Revision

General

↓

431. INTERNSHIP IN FAMILY SOCIAL SERVICES (1-15).
A. Child Development
B. Family Social Services
C. Hospitality Administration (CHHS Mtg #8, 10/18/13)
D. Family and Consumer Sciences Education
E. Nutrition and Dietetics

Supervised participation in professional settings. Students will be assigned to experiences appropriate to their professional interest in family social services. May be repeated to a maximum of 15 semester hours. When taken in conjunction with FCNS 356, Cooperative Education II for Family Social Services, total enrolled credit hours in both courses may not exceed 15 hours. S/U grading may be used. See special requirements as may apply to internships according to major.

[Note: This was approved at the 9/11/14 CUC meeting, but the revision to FCNS 356 was not approved until the 10/9/14 CUC meeting.]

Course Revision

Course List

General Fashion Merchandising

↓

256. COOPERATIVE EDUCATION I FOR FASHION MERCHANDISING (1-3).
A. Child Development
B. Family Social Services
C. Nutrition, Dietetics, and Hospitality Administration
D. Family and Consumer Sciences Education
E. Textiles, Apparel, and Merchandising

Cooperative work experience for students in family, consumer, and nutrition sciences.
SECTION A – Recorded for inclusion in the 2015-16 Undergraduate Catalog

356. COOPERATIVE EDUCATION II FOR FASHION MERCHANDISING (1-3).
A. Child Development
B. Family Social Services
C. Nutrition, Dietetics, and Hospitality Administration
D. Family and Consumer Sciences Education
E. Textiles, Apparel, and Merchandising

Advanced cooperative work experience for students in family, consumer, and nutrition sciences fashion merchandising. Participation and work site must be approved by the school and the cooperative education program coordinator. Enrollment is restricted to students participating in a second course experience or equivalent. S/U grading. May be repeated to a maximum of 6 semester hours. PRQ for A-D: FCNS 256 or equivalent, declared major, and consent of school. PRQ for E: FCNS 152 with a grade of C or better and FCNS 258 with a grade of C or better, an overall GPA of 2.00 or above, declared fashion merchandising major.

[Note: These courses are moving out of the “General” area and into the “Fashion Merchandising” (formerly Textiles, Apparel, and Merchandising) area.]

Course Revision Page 175-176, 2014-15 Undergraduate Catalog

Textiles, Apparel and Fashion Merchandising

367. COMPUTER APPLICATIONS FOR TEXTILES, APPAREL, AND FASHION MERCHANDISING (3). Exploration of computers and software applications used in textiles, apparel, and fashion merchandising. Emphasis on how computer technology impacts the fashion merchandising industry. PRQ: FCNS 353.

457. PROFESSIONAL DEVELOPMENT FOR APPAREL MERCHANDISING (3). Exploration of career …. Job search strategies and skills for students majoring in textiles, apparel, and fashion merchandising. … ….

474. TEXTILES, APPAREL, AND FASHION MERCHANDISING INTERNSHIP (7). … ….

Course Revision Page 176, 2014-15 Undergraduate Catalog

Family and Child Studies

437. PARENT-CHILD INTERACTION FROM BIRTH TO 8 YEARS (3). Parent-child … …. education and involvement. PRQ: FCNS 230 or EPS 304 or PSYC 324, or FCNS 280 or PSYC 225, and FCNS 284.
484. FAMILY THEORIES (3). Micro and … … life education. PRQ: FCNS major, FCNS 280 or
PSYC 225, and FCNS 284, and at least junior standing.

Major in Textiles, Apparel, and Merchandising (B.S.)
↓
Requirements in School (30-34)
↓
FCNS 474 – Textiles, Apparel, and Fashion Merchandising Internship (7),
OR FCNS 356E 397 – Cooperative Education II: for Textiles, Apparel, and Fashion Merchandising (3)

* Available for general education credit
1 When topic is related to textiles, apparel, and fashion merchandising.

Special Requirements
Students must earn a grade of C or better in FCNS 152 and FCNS 258 before they can enroll in any
FCNS course requiring either FCNS 152 or FCNS 258 as a prerequisite or in any textiles, apparel,
and fashion merchandising elective or 400-level course.

Minor in Textiles, Apparel, and Merchandising (19)
↓
One additional course is required from the upper-level courses in textiles, apparel, and fashion merchandising (3)
↓
Course List
↓
Textiles, Apparel and Fashion Merchandising

School of Nursing and Health Studies

Major in Public Health (B.S.)
↓
Emphasis 1. General Public Health
↓
Requirements outside School (9)
↓
IDSP UHHS 465 - Issues in Gerontology (3)
B.S. in Public Health Degree Completion Program

Emphasis 2. Health Administration

Requirements outside School (27-31)

SOCI 356 - Health, Aging, and Society (3),

OR IDSP UHHS 465 - Issues in Gerontology (3)

Emphasis 4. Health Promotion

Requirements outside School (12)

SOCI 356 - Health, Aging, and Society (3),

OR IDSP UHHS 465 - Issues in Gerontology (3),

COLLEGE OF LIBERAL ARTS AND SCIENCES

Minor in Global Studies

Global Politics Studies

HIST 435 – Stalin and Stalinism (3)

Department of Biological Studies

Course Revisions

406. CONSERVATION BIOLOGY (4). … … PRQ: BIOS 316 or BIOS 317 or ENVS 301 and ENVS 302.

413. MICROBIAL PHYSIOLOGY (4). … … PRQ: BIOS 313. CRQ: CHEM 330 or CHEM 336.

Department of Chemistry and Biochemistry

Course Revisions

Page 217, 2014-2015 Undergraduate Catalog
SECTION A – Recorded for inclusion in the 2015-16 Undergraduate Catalog

230. INTRODUCTORY ORGANIC CHEMISTRY (3). Beginning organic chemistry to provide a one-year sequence in general and organic chemistry. PRQ: CHEM 110.

338. ORGANIC CHEMISTRY LABORATORY I (1). CRQ: CHEM 330 or CHEM 336 or consent of department.

422. ANALYTICAL SEPARATIONS (3). PRQ or CRQ: CHEM 441 and CHEM 425 or consent of department.

440. PHYSICAL CHEMISTRY I (3). PRQ or CRQ: CHEM 442.

441. PHYSICAL CHEMISTRY II (3). PRQ or CRQ: CHEM 443.

445. KINETICS (3). PRQ: Consent of department.

474. ENZYMES (3). PRQ: CHEM 470 or consent of department. Recommended: CHEM 445.

475. PHYSICAL CHEMISTRY OF MACROMOLECULES (3). PRQ: CHEM 441 or consent of department.

499. HONORS RESEARCH (1-6).

Other Catalog Change

Emphasis 1. Chemistry

Requirements in Department (43-44)

CHEM 498 – Research (1-62), OR CHEM 499 – Honors Research (1-62)
--- Students must take 2 credit hours in either CHEM 498 or CHEM 499H.

Electives chosen with the advice of the chemistry faculty from CHEM 340 and 400-level classes excluding classes numbered 490 to 497 or an appropriate advanced course in mathematics or physics (3-4)

Other Catalog Change

Emphasis 2. Biochemistry

Requirements in Department (42)
SECTION A – Recorded for inclusion in the 2015-16 Undergraduate Catalog

↓

CHEM 498 – Research (1-62)

OR CHEM 499 – Honors Research (1-62)

Students must take 2 credit hours in either CHEM 498 or CHEM 499H.

Recommendations

Students are encouraged to take at least one of the following:

CHEM 462 – Inorganic Chemistry of the Main Group Elements (3)

CHEM 498 – Research (1-62)

OR CHEM 499H – Research (1-62)

Students must take 2 credit hours in either CHEM 498 or CHEM 499H.

AND CSCI 230 – Computer Programming in FORTRAN (4)

CSCI 230 – Computer Programming in FORTRAN (4)

↓

Other Catalog Change

Page 222, 2014-15 Undergraduate Catalog

Emphasis 3. Secondary Teaching

↓

Requirements in Department (52-58)

↓

Electives chosen from CHEM 339 and 400-level courses (4-9)

↓

Emphasis 4. Chemistry for Pre-Professional Studies

↓

Requirements in Department (32-33)

↓

CHEM 470 – General Biological Chemistry (3),

and two electives chosen from CHEM 438 and 400-level classes excluding classes numbered 490 to 497 (6-7),

OR CHEM 472 AND CHEM 473 – Biological Chemistry I and II (6–Biological Chemistry I (3)

AND CHEM 473 – Biological Chemistry II (3)

and one elective chosen from CHEM 438 and 400-level classes excluding classes numbered 490 to 497 (3-4)

No more than 3 semester hours of CHEM 498/CHEM 499H, Research, will be counted toward requirements in department.

Other Catalog Change

Page 223, 2014-15 Undergraduate Catalog

Minor in Chemistry (19)

↓

Electives from chemistry courses numbered CHEM 325 and above, excluding CHEM 370 (11)
CIP Code: 45.0601

371. HEALTH ECONOMICS (3). Applies microeconomic analysis to the behavior of individuals, health care providers, managed care organizations, insurers, pharmaceutical firms, and government to strengthen students' understanding of the health care system and health care policy. PRQ: ECON 260.

372. INCOME DISTRIBUTION AND POVERTY (3). An introductory survey of income distribution and poverty, with emphasis on conditions in the United States, past and present. Understanding the link between inequality and the performance of an economy is an integral part of understanding the very process of development and the effects of different policies. This course is designed to introduce you to the complex issues facing policy makers. PRQ: ECON 260.

373. ECONOMICS AND EQUITY (3). How different forms of economic activities, policies, and methods of government resource allocations affect the distribution of welfare, income, and resources across and among various groups of people and businesses. Understanding how to measure and analyze the poverty, discrimination, equity, and efficiency effects of government programs will also be explored. PRQ: ECON 260 and ECON 261.

374. GAME THEORY (3). Game theory concerns an analysis of decision makers who are aware that their actions and any assumptions made by others about their actions, will affect the actions of those others. In the last 25 years, game theory has become the core of economic theory, both micro and macro. This course will provide students with an introduction to the tools of game theory, and show the usefulness of this approach by analyzing several examples. PRQ: ECON 260.

375. INDUSTRIAL ECONOMICS (3). Theoretical aspects of Industrial Organization (IO) is the field of economics that studies the structure of markets and the behavior of firms. This class will cover both the theoretical aspects of IO as well as empirical examples that come from “real life” business practice. Another focus on will be industry policies and regulations. Some of the topics include: Theory of the firm and market structure, monopoly practice, oligopoly and collusion, entry deterrence, product differentiation, advertising, and industry regulation. PRQ: ECON 260.
Course Deletions

Literature Courses

205. SURVEY OF ENGLISH LITERATURE I (3)
206. SURVEY OF ENGLISH LITERATURE II (3)
306. READING DRAMA (3)

Other Catalog Change

Track 1. English Studies

Requirements in Department (39)

ENGL 300A, ENGL 300B, OR ENGL 300C – Advanced Essay Composition (3)

OR ENGL 308 – Technical Writing

One of the following:

ENGL 321 - Structure of Modern English (3)

ENGL 322 - Language in American Society (3)

ENGL 432 - Topics in General Linguistics (3)

Two of the following including one of ENGL 330, ENGL 331, ENGL 332, or ENGL 375 (6)

ENGL 332 - American Literature: 1860-1920 1860-1910 (3)

ENGL 333 - American Literature: 1920-1960 1910-1960 (3)

Track 2. English Studies Leading to Secondary Licensure in English Language Arts
SECTION A – Recorded for inclusion in the 2015-16 Undergraduate Catalog

One of the Following (3)

ENGL 332 - American Literature: 1860-1920 (3)
ENGL 375 – The American Novel (3)

One of the Following (3)

ENGL 333 – American Literature: 1920-1960 (3)
ENGL 334 – American Literature: 1960-Present (3)

Track 3. English Studies in Writing

Students majoring in English Studies will also earn the Certificate of Undergraduate Study in Creative Writing.

Requirements in Department (39)

Two of the following (6)
ENGL 398 – Topics in the Practice and Theory of Composition (3-6)
ENGL 496 – Internship in Writing, Editing, or Training (1-3)

Two other ENGL literature courses not listed above at the 300-400 level, selected from the above courses not used to fulfill area requirements and/or from other English courses (6)

Environmental Studies

New Course

CIP Code: 03.0103


Course Revision

Page 255, 2014-15 Undergraduate Catalog

302. ENVIRONMENTAL SCIENCE II: BIOLOGICAL SYSTEMS (3). … PRQ: ENVS 301.

Other Catalog Change

2014-15 Undergraduate Catalog

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

Emphasis 2. Energy Studies (34)

Requirements outside Environmental Studies (13)

Select three of the following technology/engineering-based courses (9)

- TECH 411 – Greening Industrial Operations
  Environmental Sustainability Practices for Industrial Operations (3)

Other Catalog Change

Page 252, 2014-15 Undergraduate Catalog

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

Emphasis 2. Energy Studies (34)

Requirements outside Environmental Studies (13)

- ENVS 315/GEOG 351X – Geography of Energy (3)
- GEOG 453 - Environmental Management (3)
- ISYE 421 - Introduction to Green Engineering (3)
- PHYS 210 - General Physics I (4)
  OR PHYS 253 - Fundamentals of Physics I: Mechanics (4)
- 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)

Select three of the following applications and natural science-based courses (9)

- CHEM 427 – Environmental Chemistry (3)
- ENVS 315/GEOG 315X – Geography of Energy (3)
  OR GEOG 315X – Geography of Energy (3)
- GEOG 256 - Maps and Mapping (3)

Department of Foreign Languages and Literatures

Other Catalog Change

Page 259, 2014-15 Undergraduate Catalog

Minor in Russian (24)
SECTION A – Recorded for inclusion in the 2015-16 Undergraduate Catalog

↓

Three elective to be chosen from the following; one must be from FLRU (9):

↓

HIST 337 – History of Russia: 1682-1917 Russian Empire to 1917 (3)
HIST 338 – History of Russia: 1917-Present The Soviet Union and Beyond (3)
HIST 434 – The Russian Revolution (3)
HIST 435 – Stalin and Stalinism (3)

Department of Geology and Environmental Geosciences

Course Revisions

Page 278, 2014-2015 Undergraduate Catalog

401. THIRD CLINICAL HIGH SCHOOL/MIDDLE SCHOOL EXPERIENCE IN EARTH AND SPACE SCIENCE THE SECONDARY EARTH SCIENCE TEACHER (4 2). … …. 

482. TRANSITION TO THE PROFESSIONAL EARTH AND SPACE SCIENCE TEACHER (4 2). … …. 

487. STUDENT TEACHING (SECONDARY) IN THE GEOLOGY/ HIGH SCHOOL/MIDDLE SCHOOL EARTH AND SPACE SCIENCE (7–12 10). … …. 

Other Catalog Change

Page 276-277, 2014-2015 Undergraduate Catalog

Emphasis 3. Earth Science Education

 Requirements in Department (40-41 33)

GEOL 103 – Planetary and Space Science (3),
OR *PHYS 162 – Elementary Astronomy (3)

GEOL 120 – Introductory Geology (3),
AND GEOL 121 – Introductory Geology Laboratory (1)

↓

GEOL 401 – The Secondary Earth Science Teacher Third Clinical High School/Middle School Experience in Earth and Space Science (4 2)

GEOL 429 – Inquiry-Based Field Experiences for Earth Science Teachers (3)

GEOL 475 – Science Across Time and Culture (2)

GEOL 483 – Interdisciplinary Teaching of the Science in Secondary Education (3)

One of the following areas of study (15-16)

Additional Requirements for Earth and Space Science Education (12 6)

GEOL 103 — Planetary and Space Science (3),
OR *PHYS 162 — Elementary Astronomy (3)

GEOL 429 — Inquiry-Based Field Experiences for Earth Science Teachers (3)
SECTION A – Recorded for inclusion in the 2015-16 Undergraduate Catalog

One of the following
GEOL 344X – Astronomy (3)
↓
GEOL 496 – Geophysics (3)

Upper-division course work . . . meteorology, or astronomy (3)

**Total Requirements in Department (39)**

**Environmental Science (12-13)**
BIOS 106 – Environmental Biology (3)
↓
One of the Following
ECON 386 – Environmental Economics (3)
↓
SOCI 364 – Environmental Sociology (3)

**Requirements outside Department (43-49 46-52)**
BIOS 208 - Fundamentals of Cellular Biology (3)
AND BIOS 210 - Fundamentals of Cellular Biology Laboratory (1)
BIOS 209 - Fundamentals of Organismal Biology (3)
AND BIOS 211 - Fundamentals of Organismal Biology Laboratory (1)
ETT 402 – Teaching and Learning with Technology (3)
#GEOG 105 – Introduction to the Atmosphere (3)
*CHEM 210 – General Chemistry I (3)
AND *CHEM 212 – General Chemistry Laboratory I (1)
*CHEM 211 – General Chemistry II (3)
AND *CHEM 213 – General Chemistry Laboratory II (1)

**EPS 406 - Issues in Human Development and Learning in the Middle School and High School Years (3)**
ETT 402 - Teaching and Learning with Technology (3)
*GEOG 105 – Introduction to the Atmosphere (3)
ILAS 201 - Introductory Clinical Experience (1)
ILAS 301 - Second Clinical Experience (2)
*MATH 229 – Calculus I (4),
OR *MATH 155 – Trigonometry and Elementary Functions (3), AND MATH 211 - Calculus for Business and Social Science (3), AND STAT 301 - Elementary Statistics (4)
*MATH 210 – General Physics I (4),
AND *PHYS 211 – General Physics II (4),
OR PHYS 253 – Fundamentals of Physics I: Mechanics (4),
AND *PHYS 273 – Fundamentals of Physics II: Electromagnetism (4)
BIOS 208 – Fundamentals of Biology I (3),
AND BIOS 210 – Fundamentals of Biology I Laboratory (1)
BIOS 209 – Fundamentals of Biology II (3).
SECTION A – Recorded for inclusion in the 2015-16 Undergraduate Catalog

AND BIOS 211 – Fundamentals of Biology II Laboratory (1)
ILAS 201 – Introductory Clinical Experience (1)
ILAS 301 – Second Clinical Experience (1-2)
#MATH 229 – Calculus I (4),
OR #MATH 155 – Trigonometry and Elementary Functions (3),
AND MATH 211 – Calculus for Business and Social Science (3),
AND STAT 301 – Elementary Statistics (4)
PSYC 102 – Introduction to Psychology (3)
SESE 457 – Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom (3)

One course approved for use in the department’s teacher preparation programs in each of the following areas (6)

EPS 406 – Educational Psychology (3)
SESE 457 – Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom (3)

Total Hours for Emphasis 3, Earth Science Education: 79-87 85-91

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Educator Licensure

Students seeking initial licensure either in earth and space science or in environmental science to teach in grades 6-12 (Standard High School Licensure) must schedule … … plan of study.

Students seeking licensure usually will also major in geology and environmental geosciences. Because licensure requires … … completion of the program.

Students seeking licensure will also major in geology and environmental geosciences unless they already hold a baccalaureate or higher degree in that discipline.

Students are responsible for timely submission of the several applications and permits required during the program.

Undergraduate geology majors may apply for admission to teacher educator licensure in Earth and Space Science at the end of their sophomore year, except in the case of transfer students who normally apply at the end of their first semester at NIU.

The program of courses for meeting licensure requirements must be approved by the departmental licensure coordinator each semester before registering. Students are responsible for timely submission of the several applications and permits required during the program.

Students transferring … … departmental licensure coordinator.
Students who already possess the a baccalaureate or higher degree and wish to pursue licensure without becoming a candidate for a degree should consult with the geology licensure adviser as early as possible to plan a course of study.

Admission Requirements
Students will be admitted to the licensure program when they have:

Submitted an Application in writing to the departmental licensure coordinator.

Completion of *COMS 100, *ENGL 103, *ENGL 104, *MATH 155, PSYC 102 with a grade of C or better (higher numbered courses may be substituted, if approved by the coordinator); *ILAS 301; and 16 semester hours in geology and environmental geosciences courses numbered 300 and above; and a passing score on the ICTS Test for Academic Proficiency.

Earned a passing score on the ICTS TAP (formerly Basic Skills) Test.

Earned a minimum GPA of 2.50 in all work at NIU.

Earned a minimum combined GPA of 2.70 in NIU courses... sciences and mathematics.

Completed a satisfactory interview with... to the professional educator.

Obtained approval from the department’s office of teacher licensure.

Retention Requirements
Students admitted to the program must maintain the GPA requirements and complete a satisfactory review of progress each semester with the department’s office of teacher licensure of 2.50 in all work at NIU.

A grade of C or better is required in all coursework listed for the Earth Science Education degree and teacher licensure.

Minimum combined GPA of 2.70 in NIU courses numbered 200 and above in physical and biological sciences and mathematics.

† Passing score on the ICTS Content Area Test prior to student teaching.

Completion Requirements

Earth and Space Science Educator Licensure
All retention requirements listed above in Emphasis 3, Earth and Space Science Education and the following:
Clinical hours to be completed in ILAS 201, ILAS 301 and GEOL 401.
GEOL 475 – Science Across Time and Culture (2)
GEOL 482 – Transition to the Professional Earth and Space Science Teacher (4 of 2)
GEOL 483 – Interdisciplinary Teaching of Science in Secondary Education (3)
GEOL 487 – Student Teaching (Secondary) in Geology/High School/Middle School Earth and Space Science (7-12)
GEOL 495X – Teaching of Physical Sciences (3)
LTIC 420 – Methods and Materials for Teaching English to Speakers of Other Languages in Content Areas (3)

8 semester hours each in college chemistry, physics, and biological sciences

Depending

3 semester hours of educational psychology focusing on the middle and high school student

Except in unusual circumstances GEOL 401 and GEOL 495X must be taken in the semester immediately prior to enrollment in GEOL 487 and students are admitted to GEOL 487 only upon successful completion of the coursework required for graduation and licensure. In addition, students must pass the ICTS-ILTS Subject Matter test before student teaching.

The State of Illinois has established course- and standards-based requirements for licensure. Approved licensure programs must have requirements that meet or exceed the state requirements. A list of the current state minimum requirements is available for the Illinois State Board of Education web page.

Environmental Science Educator Licensure
All retention requirements listed above.

3 semester hours of educational psychology focusing on the middle and high school student

The State of Illinois has ......... standards.

Current requirements ......... teaching standards.

Contact the ......... requirements.

For extra ......... certification coordinator.

Department of History

Course Deletions
Page 285, 2014-15 Undergraduate Catalog

366. AMERICAN THOUGHT AND CULTURE TO 1865 (3).
367. AMERICAN THOUGHT AND CULTURE SINCE 1865 (3).
New Courses

CIP: 54.0101

366. FARMS, FOOD, AND RURAL AMERICA (3). Introduction to the history of United States agriculture from the colonial period through today. Topics include adoption of technologies, crop choices, commodity markets, political affiliations, interactions within agricultural communities, relationship to governments, impact on the environment, and development of industrialized agriculture.

367. U.S. LGBT HISTORY (3). Formation of modern lesbian, gay, bisexual, and transgender (LGBT) identities, political movements, cultures, and communities in the United States from the 17th to 21st centuries. Topics include the shifting line between “normal” and “queer” sexualities and gender identities as well as average and influential LGBT Americans.

456. ANCIENT MEDITERRANEAN (3). History of the ancient Mediterranean world to c. 700 CE. Topics include rise of agriculture, cities, and navigation; palace and temple societies, city-states, tribal groups; the formation of maritime empires, and kingdoms; and unification under the Roman Empire until its “fall.”

Course Revisions

337. HISTORY OF RUSSIA: 1682-1917 RUSSIAN EMPIRE TO 1917 (3). Political, social, economic, and cultural history of the rise of the westernized History of the Russian state Empire from the principality of Muscovy to the destruction collapse of the Romanov monarchy in 1917. Emphasis on the peasantry, class relations, gender, women, and empire building. Topics include imperial expansion, cultural identities, and social relations.


434. THE RUSSIAN REVOLUTION (3). Causes and consequences of the Bolshevik triumph in the Russian Revolution. History of Russia’s revolutionary upheavals in the early 20th century. Emphasis on the multiple and conflicting ways that participants and scholars have sought to make sense of the revolution, conflict of historical forces and personalities in the three revolutions between 1905-1917, and on the international context.

435. STALIN AND STALINISM (3). Stalin’s role as a revolutionary before 1917, his career to his death in 1953, and his legacy in Russia today. Focus on the political, economic, cultural, and
morality issues associated with Stalin’s rule over the Soviet Union. History of the Soviet Union under the dictatorship of Joseph Stalin, 1928-1953. Topics include rapid industrialization, collectivization, state terror, communist culture, the gulag, World War II, and the early Cold War.

Changes to programs re: this revision have been made.

**Other Catalog Change**

Page 282, 2014-15 Undergraduate Catalog

**Major in History (B.A. or B.S.)**

Group A: (HIST 300, HIST 301, … HIST 422, HIST 456, HIST 458, … HIST 490B)

**Other Catalog Change**

Pages 283, 2014-15 Undergraduate Catalog

**History Honors Program**

To graduate “With Honors in History,” … … language training, internships, taking a graduate course as an undergraduate, or other experience) that will substitute … … Undergraduate Studies.
SECTION B – Recorded, but further approval needed before inclusion in the Undergraduate Catalog

p. 1 of 3

COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY

Department of Technology

APASC Course Revisions 2014-15 Undergraduate Catalog

438. SAFETY IN TRANSPORTATION SYSTEMS (3). Status of, and rationale for, improvements in safety practices and legislation for the commercial carriers (rail, pipeline, highway, water, and air transportation). Each student investigates one system in depth. PRQ: CHEM 110 and CHEM 111 and MATH 155 with a C or better; TECH 231 and TECH 245; or consent of department.

492. MANUFACTURING DISTRIBUTION APPLICATIONS (3). PRQ: MATH 155 with a C or better, TECH 265, and STAT 208 or STAT 301, or consent of the department.

COLLEGE OF HEALTH AND HUMAN SCIENCES

School of Family, Consumer and Nutrition Sciences

All University Section

Undergraduate Academic Programs


Baccalaureate Degree Majors

↓

Family and child studies–B.S.

Fashion Merchandising–B.S.

Finance–B.S.

↓

Technology–B.S.

Textiles, apparel, and merchandising–B.S.

Theatre arts–B.F.A.

College Section


Department/School Names and Undergraduate Programs Offered
SECTION B – Recorded, but further approval needed before inclusion in the Undergraduate Catalog

School of Family, Consumer, and Nutrition Sciences
B.S. in nutrition, dietetics, and hospitality administration
B.S. in early childhood studies
B.S. in family and child studies
B.S. in textiles, apparel, and fashion merchandising

School Section


Major in Textiles, Apparel, and Fashion Merchandising (B.S.)

Total Hours for a Major in Textiles, Apparel, and Fashion Merchandising: 64-69

B.S. in Textiles, Apparel and Fashion Merchandising Degree Completion Program
This program is designed to facilitate completion of the B.S. in Textiles, Apparel and Fashion Merchandising for individuals holding an AAS in Fashion Merchandising or related degree. To receive the B.S. degree, a student must ….

Those interested in the B.S. degree completion program in Textiles, Apparel and Fashion Merchandising should contact a program adviser …. Contingent upon the curriculum of the individual AAS degree institution, students may receive proficiency credit for the following Textiles, Apparel and Fashion Merchandising major coursework: FCNS 152, FCNS 258, FCNS 262, FCNS 272.

Minor in Textiles, Apparel, and Fashion Merchandising (19)

COLLEGE OF LIBERAL ARTS AND SCIENCES

Environmental Sciences


Emphasis 6. Water Sciences (37-41)

Department of Geology and Environmental Geosciences

Pres. Other Catalog Change Page 276-277, 2014-2015 Undergraduate Catalog
Baker

Emphasis 3. Earth and Space Science Education

Total Hours for Emphasis 3, Earth and Space Science Education: 79-87 85-91
SECTION C – Items previously in Section B, now reported for inclusion in the 2015-16 Undergraduate Catalog

COLLGE OF VISUAL AND PERFORMING ARTS

School of Music

Other Catalog Change

<table>
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<tr>
<th>Undergraduate Catalog</th>
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<tbody>
<tr>
<td>Major in Music (B.M.)</td>
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<tr>
<td>Vocal Music (37-38)</td>
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<tr>
<td>Requirements outside School</td>
</tr>
<tr>
<td>Special requirements: Students not obtaining a grade of C or better in the general education core competency courses must successfully complete the PRAXIS I test. A minimum NIU cumulative GPA of 2.50 or consent of school is required for enrollment in MUED 250 and MUED 350 and MUED 352 and MUED 490 and a grade of C or better is required for successful completion of MUED 150 and MUED 250 and MUED 350 and MUED 352 and MUED 490. Students must also pass a portfolio review.</td>
</tr>
<tr>
<td>To be considered for full admission into the music education professional course of study, students must receive a grade of C or better in MUED 150 and MUED 250 and maintain a minimum cumulative NIU GPA of 2.50. Admission will be reviewed by means of an interview with music education faculty during the term of enrollment in MUED 250. Following full admission, students falling below the required cumulative GPA will not be permitted to continue in the teacher certification program, although they may appeal in writing for one probationary semester to the area.</td>
</tr>
<tr>
<td>Special requirements: Students must earn a C or better in all courses required for licensure. A minimum NIU cumulative GPA of 2.50 is required for enrollment in MUED 150, MUED 250, MUED 251, MUED 350, MUED 351, MUED 352, MUED 353, MUED 490, and MUED 495. Enrollment in said courses is by request and must be approved by the Music Education faculty. Students may be asked to update their TB tests and criminal background checks for each clinical placement; criminal background checks are not processed through NIU. Students are required to exhibit and maintain appropriate dispositions for licensure as assessed by the Music Education faculty.</td>
</tr>
<tr>
<td>To be considered for full admission into the Music Education licensure program, students must pass all sections of the Illinois Test of Academic Proficiency (TAP); have at least an NIU cumulative GPA of 2.50; pass MUTC 101, MUTC 102, MUTC 103, MUTC 104, MUTC 201, MUTC 202, MUTC 203, MUTC 204 with a C or better; earn a C or better in MUED 150, MUED 250, MUED 251; and pass the Admission to Teacher Licensure in Music Functional Musicianship Exam and Content Interview at the end of MUED 250.</td>
</tr>
</tbody>
</table>
SECTION C – Items previously in Section B, now reported for inclusion in the 2015-16 Undergraduate Catalog

Following full admission into the Music Education licensure program, students whose NIU cumulative GPA falls below the required 2.50 or students who have not successfully completed pre-requisites may not be allowed to continue in the program. Students may appeal in writing for one probationary semester to the Coordinator of Music Education. Students must apply for student teaching placements by the Friday of finals week one year before the requested semester (spring for spring, fall for fall). Final approval for student teaching includes a review of student records, a passing score on the Illinois Music Content Exam, and the completion of all other major requirements including required course work and student recital. Vocal music education students are also expected to pass a piano proficiency exam prior to approval for student teaching. Questions regarding requirements for music education should be directed to the Coordinator of Music Education.