Present: G. Aase (BUS/OMIS), J. Gray-Stanley (HHS/NUHS), M. Lenczewski (LAS/GEOL/Chair), O. Najjar (LAS/COMS/UCC), B. Rohl (EDU/KNPE/Student), B. Pitney (EDU/KNPE), F. Solares-Larrave (LAS/Fl--), R. Tatara (EET/TECH), A. Ward (LAS/POLS)

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

Approval of Agenda

Solares-Larrave made a motion, seconded by Pitney, to APPROVE THE AGENDA. Motion passed unanimously.

Announcements

1. Approved minutes from November 10, 2011.
2. Approved minutes from November 17, 2011, electronic meeting.
3. Items previously in Section B, now reported for inclusion in the 2012-13 Undergraduate Catalog.
4. Items reported for inclusion in the Undergraduate Catalog by another standing committee of the Undergraduate Coordinating Council.

Consent Agenda

Solares-Larrave made a motion, seconded by Pitney, 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 #6
College of Education #5
College of Visual and Performing Arts #1
College of Visual and Performing Arts #2
College of Visual and Performing Arts #3
College of Visual and Performing Arts #4

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

College of Engineering and Engineering Technology #7

College Minutes and Other Curricular Items for Discussion

College of Education 
Among the undergraduate items in these minutes is a new course proposal and Lenczewski pointed out that they checked for nonduplication. Solares-Larrave
asked if by checking with the Department of English was linguistics addressed. It was determined if the Department of English verified nonduplication, that also included linguistics. Najjar asked about the terminology “children who are visually impaired.” It was clarified the current nomenclature is to put the person first, then any disability. Rohl made a motion, seconded by Solares-Larrave, to APPROVE THE UNDERGRADUATE CURRICULAR ITEMS IN COLLEGE OF EDUCATION #6 (11/15/11). Motion passed unanimously.

College of Education #7

The proposal for a new certificate of undergraduate study in middle school literacy was pointed out. Lenczewski noted that this also needs approval by APASC. At the February 8, 2012, APASC meeting, this was sent back to the college for a rationale for the 2.50 cumulative GPA for certificate courses. It was also noted that there are five courses for three semester hours each. It was asked if the department checked with the Department of English regarding any duplication for programs on literacy and it was noted that since this proposal is coming from the Department of Literacy Education, that isn’t necessary. Solares-Larrave made a motion, seconded by Pitney, to APPROVE THE UNDERGRADUATE CURRICULAR ITEMS IN COLLEGE OF EDUCATION #7 (12/6/11) PENDING APASC APPROVAL. Motion passed unanimously.

College of Liberal Arts & Sciences #8

Lenczewski pointed out the new course and added that this will have to be on hold because there were some issues with nonduplication. Those issues have since been worked through, but the latest iteration of the course, to be titled Geography of Energy, has yet to go through the college for approval. Tatara asked Lenczewski if she checked with Mechanical Engineering on nonduplication and she responded that she had. She added that all parties involved are now satisfied with the new course.

OLD BUSINESS

1. Adding/deleting courses from another college/checking on course capacity. Lenczewski reported that she will have something to present to the CUC at the April 12, 2012, meeting.

2. CLAS #3: New emphases in Geography: Geography and Geomatics. The CUC needed documentation of approval from the college for the first emphasis in Geography that will accompany the new second emphasis in Geomatics. This has been received. Lenczewski reminded CUC members that last fall the Department of Geography submitted a new emphasis in Geomatics to their major in Geography. However, by adding the new emphasis, it was necessary to create another emphasis and proposal to encompass the current program. So the proposal for the degree in Geography is to have emphasis 1 in Geography and emphasis 2 in Geomatics, the latter dealing mostly with surveying. The department is looking forward to adding new students to the program and has hired a supportive professional staff member to teach the courses for emphasis 2. Pitney made a motion, seconded by Solares-Larrave, to APPROVE THE CHANGES FOR THE DEGREE IN GEOGRAPHY. This will also need Board of Trustees approval. Motion passed unanimously.
NEW BUSINESS

There was no new business.

Solares-Larrave made a motion, seconded by Aase, TO ADJOURN THE MEETING. Motion passed by acclamation.

The meeting was adjourned at 12:50 p.m.

The next scheduled meeting will be March 8, 2012, 12:30, Altgeld 225.

Respectfully submitted,

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

COLLEGE OF EDUCATION

Department of Literacy Education

New Course

Undergraduate Catalog

CIP Code: 13.xxxx


Departments of Literacy and Special and Early Education

Course Revision Page 114, 2011–12 Undergraduate Catalog

TLEC 397, LTCY 397. INDIVIDUALIZED COMPETENCY UNIT (1). Successful mastery … …

Department of Special and Early Education

Course Revision Page 117, 2011-12 Undergraduate Catalog

TLSE 481. FIELD EXPERIENCE IN SPECIAL EDUCATION: VISION IMPAIRMENTS (4). Supervised observation and teacher-directed experiences with visually impaired children who are visually impaired in culturally and educationally diverse settings. PRQ: Consent of department.

Course Revision Page 117, 2011-12 Undergraduate Catalog

TLSE 487. STUDENT TEACHING IN ELEMENTARY SPECIAL EDUCATION: VISION IMPAIRMENTS (6). Supervised observation and teacher-directed experiences with visually impaired students who are visually impaired in cultural and educational settings. Students must satisfy the regulations governing student teaching. PRQ: Completion of professional education and related course work; or consent of department.

Course Revision Page 117, 2011-12 Undergraduate Catalog

TLSE 488. STUDENT TEACHING IN SECONDARY SPECIAL EDUCATION: VISION IMPAIRMENTS (6). Supervised observation and teacher-directed experiences with visually impaired students who are visually impaired in cultural and educational settings. Students must satisfy the regulations governing student teaching. PRQ: Completion of professional education and related course work, or consent of department.
Advisement services are provided the student from freshman year through graduation. Students are responsible for utilizing these services by responding to the periodic posted notices of deadlines for professional semester applications and schedules for advance registration advisement. A permit to register for the first and second professional semesters of the elementary education program must be secured from the department.

**S/U Grading**

In those courses in which the S/U grading basis is applicable, the use of S and U will apply to all students registered in any class section in which the S/U grading basis is employed. Individual students may not elect S and U grading. Teacher certification requirements are deemed to be met only by obtaining a grade of C or better in courses using traditional ABCDF grading or an S in those professional or clinical courses in which S/U grading is used. An S is the equivalent to a C or better and a U is equivalent to a D or lower in teacher certification courses using S/U grading.

**COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY**

**Department of Industrial and Systems Engineering**

**Course Deletion** 2011-12 Undergraduate Catalog

334. PROBABILITY FOR ENGINEERING (3.0)

**Course Revision** 2011-12 Undergraduate Catalog

335. STATISTICS FOR ENGINEERS (3). Applications of data analysis to engineering. Elementary properties of data, displaying data, exploratory data analysis, fitting data to distributions using both nonparametric and parametric methods, comparing means and variability, simple regression, and design of experiments. PRQ: MATH 230

Sampling and descriptive statistics; random variables; discrete and continuous probability distributions and its applications to engineering problems; fitting data to distributions; confidence intervals; hypothesis testing using both nonparametric and parametric methods; and simple regression. Emphasis is given to engineering applications. PRQ: MATH 230

**Course Revision** 2011-12 Undergraduate Catalog

371. OPERATIONS RESEARCH: PROBABILISTIC MODELS (3). Introduction to … … queuing systems. PRQ: ISYE 334 ISYE 335
SECTION A – Recorded for inclusion in the Undergraduate Catalog

Course Revision 2011-12 Undergraduate Catalog

430. QUALITY CONTROL (3). Importance of quality; … … variables and attributes. PRQ: ISYE 334 or ISYE 335 or STAT 350 or UBUS 223.

Course Revision 2011-12 Undergraduate Catalog

431. RELIABILITY ENGINEERING (3). Reliability analysis … … and maintainability. PRQ: ISYE 334 or ISYE 335 or STAT 350.

Course Revision 2011-12 Undergraduate Catalog

435. EXPERIMENTAL DESIGN FOR ENGINEERING (3). Statistical techniques … … factorial design. PRQ: IENG 334 and IENG 335 or ISYE 335.

Course Revision 2011-12 Undergraduate Catalog

436. APPLIED REGRESSION ANALYSIS FOR ENGINEERING (3). Statistical techniques … … time series analysis. PRQ: ISYE 334 and ISYE 335.

Course Revision 2011-12 Undergraduate Catalog

455. MANUFACTURING METROLOGY (3). Study of concepts, … … capability analysis. PRQ: ISYE 334 or ISYE 335 or STAT 350.

Course Revision 2011-12 Undergraduate Catalog

475. DECISION ANALYSIS FOR ENGINEERING (3). Elementary quantitative … … value of information. PRQ: ISYE 334 or ISYE 335 or STAT 350 or UBUS 223.

Other Catalog Changes 2011-12 Undergraduate Catalog

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

↓ Requirements in Department (45)

↓ ISYE 310 - Work Measurement and Work Design (3)
ISYE 334 – Probability for Engineering (3)
ISYE 335 - Statistics for Engineering (3)
↓ ISYE 430 - Quality Control (3)
ISYE 435 – Experimental Design for Engineering (3)
SECTION A – Recorded for inclusion in the Undergraduate Catalog

ISYE 440 - Production Planning and Control (3)

Emphasis 1. Health Systems Engineering

Requirements in Department (45)

ISYE 310 - Work Measurement and Work Design (3)
ISYE 334 - Probability for Engineering (3)
ISYE 335 - Statistics for Engineering (3)

ISYE 430 - Quality Control (3)
ISYE 435 – Experimental Design for Engineering (3)
ISYE 440 - Production Planning and Control (3)

Emphasis 2. Manufacturing Systems

Emphasis 3. Engineering Management

Requirements in Department (45)

ISYE 310 - Work Measurement and Work Design (3)
ISYE 334 - Probability for Engineering Credits: 3
ISYE 335 - Statistics for Engineering (3)

ISYE 430 - Quality Control (3)
ISYE 435 – Experimental Design for Engineering (3)
ISYE 440 - Production Planning and Control (3)

Department of Technology

Course Revision Undergraduate Catalog

TECH 305. GREEN TECHNOLOGIES (3). Introduction to … … green industries in the region. PRQ: MATH 155 with a C or better; and CHEM 110.

Note: This change is effective with the 2012-13 catalog.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Environmental Studies
ENVS 305. GREEN TECHNOLOGIES (3). Introduction to … … green industries in the region. PRQ: PRQ: MATH 155 with a C or better; and CHEM 110.

Note: This change is effective with the 2012-13 catalog.
SECTION B – Recorded, but further approval needed before inclusion in the Undergraduate Catalog

p. 1 of 6

COLLEGE OF EDUCATION

Department of Literacy Education

Certificate of Undergraduate Study

Middle School Literacy

This certificate is designed to prepare teacher candidates with a set of courses focused on literacy instruction that is developmentally appropriate for students at the middle school level. Students completing this certificate will acquire the skills and techniques for developing and assessing literacy instruction, and methods for integrating literacy instruction across the middle school curriculum.

The certificate of undergraduate study in middle school literacy is open to all students admitted to degree or non-degree study at Northern Illinois University. Students who want to pursue this certificate must receive approval and advisement from the coordinator. Those who want to earn the Middle School endorsement from the Illinois State Board of Education should contact the certificate coordinator for further information. Students must maintain good academic standing in the university, achieve a minimum grade of C in each certificate course, achieve a GPA of at least 2.50 in all certificate courses, and complete all certificate course work within six calendar years.

Requirements (15 hours)

- LTLA 350: Language Arts in the Middle School (3)
- LTLA 363: Young Adult Literature in a Multicultural Society (3)
- LTRE 305: Teaching Reading in the Middle School (3)
- LTRE 311: Content Area Literacy Instruction (3)
- LTIC 420: Methods and Materials for Teaching English Language Learners in Content Areas (3)

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of Geography

The Department of Geography offers the B.A. and B.S. degrees with a major in geography and the B.S. degree with a major in meteorology. Students may pursue a double major in geography and meteorology or a major in meteorology and a minor in geography. The B.S. degree in geography has emphases in
The major in meteorology provides training for students interested in general meteorology, weather forecasting, and environmental meteorology, and the education necessary for graduate work in the atmospheric sciences. The program offers the student the opportunity to participate in the NIU Weather Service. Students may pursue a double major in geography and meteorology or the major in meteorology and a minor in geography. Students should consult with a departmental adviser to plan a program of study in either geography or meteorology.

The department offers a minor in geography and a departmental honors program and participates in the interdisciplinary minors in black studies, environmental management systems, environmental studies, international global studies, Latino/Latin American studies, Southeast Asian studies, and urban studies.

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

The emphasis in geography offers the opportunity to develop greater understanding of a specific aspect of geography by choosing an area of study in area studies, geographic information systems (GIS), natural environmental systems, or urban/economic systems. By the proper selection of electives, the student can meet federal civil service qualification standards as a soil scientist or hydrologist. The emphasis in geomatics integrates land surveying and mapping science.

Students pursuing the emphasis in geography may earn the B.A. or the B.S. degree; those pursuing the emphasis in geomatics must fulfill requirements for the B.S. degree.

Emphasis 1: Geography (B.A. or B.S.)

Requirements in Department (36)
GEOG 101 - Survey of Physical Geography (3)
GEOG 102 - Survey of Physical Geography Laboratory (1)
GEOG 105 - Introduction to the Atmosphere (3)
GEOG 106 - Introduction to the Atmosphere Laboratory (1)
GEOG 202 - World Regional Geography (3)
GEOG 204 - Geography of Economic Activities (3)
GEOG 256 - Maps and Mapping (3)
GEOG 300 - Proseminar (1)
SECTION B – Recorded, but further approval needed before inclusion in the Undergraduate Catalog

GEOG 359 - Introduction to Geographic Information Systems (3)
GEOG 361 - Geographic Measurement and Quantitative Analysis (3)

Electives chosen from one of the following four course groupings or any combination for 12 semester hours.
Both GEOG 391 and GEOG 491 may be included in these 12 hours for no more than 3 semester hours of credit in each.

Area Studies
Course work from the following
GEOG 303 - Water Resources and the Environment (3)
GEOG 330 - Geography of the U.S. and Canada (3)
GEOG 332 - Geography of Latin America (3)
GEOG 335X - Migration (3)
GEOG 336 - Geography of Africa (3)
GEOG 338 - Geography of Asia (3)
GEOG 391D - Internship: Regional Geography (1-3)
GEOG 408 - Tropical Environmental Hazards (3)
GEOG 430 - Population Geography (3)
GEOG 435X - Space in Language and Culture (3)
GEOG 451 - Political Geography (3)
GEOG 461 - Applied Statistics in Geographic Research (3)
GEOG 490 - Community Geography (3)
GEOG 491 - Undergraduate Research in Geography (3)
GEOG 498D - Seminar in Current Problems: Regional Geography (3)
GEOG 498E - Seminar in Current Problems: Human Geography (3)

Geographic Information Systems
Course work from the following
GEOG 391J - Internship: Methods and Techniques (1-3)
GEOG 391K - Internship: Mapping/Geovisualization (1-3)
GEOG 407 - Technical Hazards (3)
GEOG 455 - Land-Use Planning (3)
GEOG 458 - Geovisualization (3)
GEOG 459 - Geographic Information Systems (3)
GEOG 460 - Remote Sensing of the Environment (3)
GEOG 465 - Geographic Field Work (3-8)
GEOG 467 - Workshop in Cartography (3)
GEOG 468 - Workshop in GIS (3)
GEOG 490 - Community Geography (3)
SECTION B – Recorded, but further approval needed before inclusion in the Undergraduate Catalog

Natural Environmental Systems
Course work from the following
GEOG 302 - Soil Science (4)
GEOG 303 - Water Resources and the Environment (3)
GEOG 306 - Severe and Hazardous Weather (3)
GEOG 322 - Geography of World Plant Communities (3)
GEOG 324X - Women in Science (3)
GEOG 370 - Regional Climatology (3)
GEOG 391A - Internship: Physical Geography (1-3)
GEOG 391B - Internship: Environmental Management (1-3)
GEOG 402 - Pedology (4)
GEOG 403 - Soil Geography and Land Use Planning (3)
GEOG 404 - Soil Description and Interpretation (2)
GEOG 406 - Natural Hazards and Environmental Risk (3)
GEOG 408 - Tropical Environmental Hazards (3)
GEOG 413 - Forest Ecology and Management (3)
GEOG 422 - Plant-Soil Interactions (4)
GEOG 442X - Geomorphology (3)
GEOG 453 - Environmental Management (3)
GEOG 455 - Land-Use Planning (3)
GEOG 461 - Applied Statistics in Geographic Research (3)
GEOG 465 - Geographic Field Work (3)
GEOG 490 - Community Geography (3)
GEOG 491 - Undergraduate Research in Geography (1-3)
GEOG 492 - Hydrology (3)
GEOG 498A - Seminar in Current Problems: Physical Geography (3)
GEOG 498B - Seminar in Current Problems: Environmental Management (3)

Urban/Economic Systems
Course work from the following
GEOG 304 - Transportation Geography Credits: 3
GEOG 324X - Women in Science (3)
GEOG 362 - Geography of Urban Systems (3)
GEOG 391G - Internship: Urban/Economic Geography (1-3)
GEOG 403 - Soil Geography and Land Use Planning (3)
SECTION B – Recorded, but further approval needed before inclusion in the Undergraduate Catalog

GEOG 407 - Technical Hazards (3)
GEOG 430 - Population Geography (3)
GEOG 453 - Environmental Management (3)
GEOG 455 - Land-Use Planning (3)
GEOG 461 - Applied Statistics in Geographic Research (3)
GEOG 463 - Urban Geography (3)
GEOG 464 - Location Analysis (3)
GEOG 490 - Community Geography (3)
GEOG 491 - Undergraduate Research in Geography (1-3)
GEOG 498E - Seminar in Current Problems: Human Geography (3)
GEOG 498G - Seminar in Current Problems: Urban/Economic Geography (3)

Requirements outside Department (B.A. 7-20; B.S. , 10-15)
For the B.A. degree
*MATH 210 - Finite Mathematics (3),
OR *MATH 211 - Calculus for Business and Social Science (3),
OR *MATH 229 - Calculus I (4)
STAT 301 - Elementary Statistics (4)
Fulfillment of foreign language requirement (0-12)
(See “Foreign Language Requirement for the B.A. Degree”)
For the B.S. degree
(See “College Requirements for the B.S. Degree”)
Students should consult the undergraduate adviser for the appropriate
sequence for their course of study.

Total Hours for a Major Emphasis 1 in Geography: 43-56 (B.A.) OR 46-51 (B.S.)

Recommendations
Students interested in environmental studies are strongly advised to complete at least two, one-year
sequences of courses in a laboratory science. Students should contact the undergraduate
adviser for career goal advisement early in their course of study and regularly consult the Curriculum and
Course Guide to Geography and Meteorology available in the department office.

Emphasis 2: Geomatics (B.S.)

Requirements in Department (41)
GEOG 101 - Survey of Physical Geography (3)
GEOG 102 - Survey of Physical Geography Laboratory (1)
GEOG 150 - Introduction to Geomatics (3)
SECTION B – Recorded, but further approval needed before inclusion in the Undergraduate Catalog

GEOG 202 - World Regional Geography (3)
OR GEOG 204 - Geography of Economic Activities (3)
GEOG 250 - Civil Surveying (4)
GEOG 251 - Control Surveying (4)
GEOG 256 - Maps and Mapping (3)
GEOG 300 - Proseminar (1)
GEOG 350 - Land Surveying (4)
GEOG 359 - Introduction to Geographic Information Systems (3)
GEOG 450 - Legal Aspects of Geomatics and Land Surveying (3)

Course work from the following (9)
GEOG 391M - Internship, Geomatics/Surveying (3)
GEOG 403 - Soil Geography & Land Use Planning (3)
GEOG 455 - Land Use Planning (3)
GEOG 459 - Geographic Information Systems (3)
GEOG 455 - Land Use Planning (3)
GEOG 460 - Remote Sensing of the Environment (3)
GEOG 468 - Workshop in GIS (3)
GEOG 474 - Geomatics Design in Land Development (4)
GEOG 475 - Geomatics Planning and Computation (3)
GEOL 425 - Engineering Geology (3)

Requirements outside Department (15-16)
MATH 211 - Calculus for Business and Social Science (3)
OR MATH 229 - Calculus I (4)
PHYS 210 - General Physics I (4)
( Available for general education credit.)
PHYS 211 - General Physics II (4)
( Available for general education credit.)
STAT 301 - Elementary Statistics (4)

Recommendations
Students interested in a career in land surveying will need to satisfy curricular and course requirements for the surveyor in-training examination. Students should consult with the undergraduate adviser early in their course of study for advice on fulfilling those requirements.

Total Hours for Emphasis 2, Geomatics: 56-57 (B.S.)
SECTION C – Items previously in Section B, now reported for inclusion in the 2012-13 Undergraduate Catalog

Note: All of these changes will be effective with the 2012-13 catalog.

COLLEGE OF HEALTH AND HUMAN SCIENCES

School of Family, Consumer and Nutrition Sciences

All University Change

University Services

Pres. Peters Other Catalog Change Page 68, 2011-12 Undergraduate Catalog

Other Campus Human Service Agencies

↓

The Family Center Therapy Clinic (Wirtz Hall, Room 146, 815-753-1684) provides individual, couple, family, and group therapy services to students of NIU, and to all residents of DeKalb and the greater ...

CUC 11/10/11 Section B, UCC 12/8/11, Pres. Peters 1/24/12

COLLEGE OF VISUAL AND PERFORMING ARTS

School of Art

Pres. Peters Other catalog change: Page 303, 2011-12 Undergraduate Catalog

Major in Art and Design Education (B.S.Ed.)

↓

Total Hours for a Major in Art and Design Education: 86 91

CUC 11/10/11 Section B, UCC 12/8/11, Pres. Peters 1/24/12

Pres. Peters Other catalog change: Page 304, 2011-12 Undergraduate Catalog

Emphasis 1. Design and Media Arts

↓

Total Hours for Emphasis 1. Design and Media Arts: 81

CUC 11/10/11 Section B, UCC 12/8/11, Pres. Peters 1/24/12
SECTION C – Items previously in Section B, now reported for inclusion in the 2012-13 Undergraduate Catalog

Pres. Peters
Other catalog change: Page 305, 2011-12 Undergraduate Catalog

Emphasis 2. Fine Arts–2-D Studio

↓
Total Hours for Emphasis 2. Fine Arts–2-D Studio: 81

CUC 11/10/11 Section B, UCC 12/8/11, Pres. Peters 1/24/12

Pres. Peters
Other catalog change: Page 306, 2011-12 Undergraduate Catalog

Emphasis 3. Fine Arts–3-D Studio

↓
Total Hours for Emphasis 3. Fine Arts–3-D Studio: 81

CUC 11/10/11 Section B, UCC 12/8/11, Pres. Peters 1/24/12
SECTION D – Items reported for inclusion in the Undergraduate Catalog by another standing committee of the Undergraduate Coordinating Council

From APASC 9/14/11, UCC 11/3/11

Teacher Certification Requirements

Retention in Teacher Certification
Admission to … … as applicable.

Specific requirements … … for information.

Specific degree, content-area, professional education and clinical coursework that forms part of an application for certification, endorsement, or state approval must have been passed with a grade no lower than C, or the equivalent, in order to be counted towards fulfillment of the applicable ISBE requirements. Students must see individual program advisors for the list of courses required.