Present: S. Doederlein (CLAS), D. Ballantine (CHEM), Giovanni Bennardo (ANTH), J. Groves (ECON), F. Jaeger (FL&L), Doris Macdonald (ENGL), Joel Stafstrom (BIOS)

A. Action on Minutes

Minutes from the #8 meeting on October 16, 2013, have been uploaded to VIBE and are awaiting approval.

B. Miscellaneous

The committee discussed and ranked the October proposals submitted for the USOAR. There were 4 proposals received by LAS students and the rankings will be forwarded to the Office of Student Engagement and Experiential Learning by the October 25, 2013, deadline.

The spring deadline to submit proposals has been established as February 7, 2014.

C. Curriculum – Old Business

Department of Economics

New courses ECON 661A, ECON 661B, ECON 690A, ECON 690B, and ECON 791 were approved. Course revisions to ECON 661, ECON 690, ECON 761, and ECON 790 were approved. Revisions to the MA program and proposal for the Concentration in Financial Economics were also approved.

Department of Foreign Languages and Literatures

New course proposals for FLSP 463, FLSP 489, FLSP 563, and FLSP 589 were approved.

Department of Geography

New course proposals for GEOG 470 and GEOG 570 were approved. Program revisions to emphasis 1 and the certificate of undergraduate study in GIS were also approved.

D. Curriculum – New Business

College of Liberal Arts and Sciences

The Global Articulation Initiative was approved as well as revisions to the pre-professional advisement and course selection and visiting student criteria.
Department of Anthropology

New course proposal for ANTH 401X was approved. Revisions to ANTH 496X, ANTH 596X, and the Professional Educator Licensure were also approved.

Department of Economics

New course proposal for ECON 401X was approved. Revisions to ECON 496X, ECON 596X, and the Professional Educator Licensure were also approved.

Department of Geography

New course proposal for GEOG 401X was approved. Revisions to GEOG 496X, GEOG 596X, and the Professional Educator Licensure were also approved.

Department of History

New course proposal for HIST 401 was approved. Revisions to HIST 400, HIST 496, HIST 500, and HIST 596 were also approved.

Department of Physics

Program revisions to emphasis 2, emphasis 3, and the minor in Physics were approved.

Department of Political Science

New course proposal for POLS 401X was approved. Revisions to POLS 496X, POLS 596X, and the Professional Educator Licensure were also approved.

Department of Psychology

New course proposal for PSYC 401X was approved. Revisions to PSYC 496X, PSYC 596X, and the Professional Educator Licensure were also approved.

Department of Sociology

New course proposal for SOCI 401X was approved. Revisions to SOCI 496X, SOCI 596X, and the Professional Educator Licensure were also approved.

Tabled:

None
COLLEGE OF LIBERAL ARTS AND SCIENCES

Other Catalog Change  Page 16, 2013-14 Undergraduate Catalog

Admission

Undergraduate Admission

Visiting Students

Applicants must meet additional…   …and Limited Retention Requirements.”

Department of Communication (communication studies)
Department of Computer Science

Rationale: The Department of Communication is no longer a limited admission program.

Other Catalog Change  Page 21, 2013-14 Undergraduate Catalog

Visiting Students

A student who has not…   …as a visiting student for one academic semester or summer session. Visiting students are limited to 15 credit hours per term of enrollment and must reapply for each term. Students participating in an undergraduate certificate or licensure program can apply for an extension of that limit to a maximum of 24 hours. Students enrolled in International Studies programs are not subject to the one term limitation.

Rationale: Updating criteria for visiting students to help accommodate those wishing to pursue an undergraduate certificate or online program.

Other Catalog Change  Page 198-199, 2013-14 Undergraduate Catalog

College of Liberal Arts and Sciences

Pre-Professional Advisement

Pre-law

Law schools do not usually recommend specific courses of study. They are primarily concerned with a well developed major and the study of the basic tools of the law: logic, the ability to speak with clarity and force and the ability to write. The courses listed below are suggestions selected with the development of an appreciation of the nature of the law and legal study in mind. Many of these courses may also assist the student in refining the basic skills just mentioned. Students should feel free to incorporate in their programs of study as many or as few of these as they desire.

ACCY 206 – Introductory Financial Accounting (3),
AND ACCY 207 – Introductory Cost Management (3),
OR ACCY 288 – Fundamentals of Accounting (3)
COMS 304 – Introduction to Persuasion Theory (3),
OR COMS 305 – Argumentation and Debate (3)
ECON 260 – Principles of Microeconomics (3)
ECON 261 – Principles of Macroeconomics (3)
ENGL 300 – Advanced Essay Composition (3) (special sections designated for pre-law)
HIST 478 – American Legal History to 1865 (3)
HIST 479 – American Legal History Since 1865 (3)
MGMT 217 – Legal Environment of Business (3)
MGMT 438 – Human Resource Planning and Staffing (3)
PHIL 105 – Critical Reasoning (3)
PHIL 231 – Contemporary Moral Issues (3)
PHIL 353 – Philosophy of Law (3)
POLS 356 – American Political Thought I (3)
POLS 410 – Constitutional Law I (3)
POLS 411 – Constitutional Law II (3)
POLS 412 – Constitutional Law III (3)

Course Selection for Biomedical Pre-Professional Students

The following lists indicate the pre-professional courses commonly recommended as minimum requirements by professional schools. Specific requirements do vary from school to school, however, so students should check the catalogs of the schools to which they wish to apply as they plan their programs of study with their advisers. In general, it is valuable for students seeking admission to any of the health science professions to include a chemistry course on their schedules as first-semester freshmen. It is particularly important for each pre-professional student to consult with a pre-professional adviser early in her or his first semester of enrollment at NIU to plan the course sequences, semester loads, and course selection to match the individual student’s background and goals.

In addition to the courses required of all students gaining a BS degree, the following courses are recommended for students pursuing a biomedical pre-professional program. Specific requirements can vary from school to school, so students should also contact the specific schools to which they intend to apply as they plan their undergraduate program. It is important for pre-professional students to consult with the pre-professional advisor early in their first semester of enrollment at NIU to formulate a plan that takes into account the individual student’s background and goals. Beyond the courses listed below, it will be important for students to gain experience outside the classroom through laboratory research, student organizations, volunteer activities, and exposure to their chosen biomedical profession.

Math: Trigonometry (MATH 155) and Calculus I (MATH 229)

Chemistry: General Chemistry I and II with labs (CHEM 210/212 and CHEM 211/213)
   Organic Chemistry I and II with labs (CHEM 330/332 and CHEM 331/333)

Physics: Physics I and II (PHYS 210 and 211 or PHYS 253 and 273)

Biology: Fundamentals of Biology I and II with labs (BIOS 208/210 and BIOS 209/211),
   Molecular Biology (BIOS 302), Microbiology (BIOS 313), and Human Physiology (BIOS 355)
Additional recommended classes include Statistics (STAT 301), Biochemistry (CHEM 470 or CHEM 472 and 473), and Genetics (BIOS 308).

Beyond this core, which will meet most professional school requirements and prepare students for the professional school entrance exams (i.e. MCAT, PCAT, DAT, OAT), individual biomedical programs may also have unique requirements. These include,

Pre-dentistry
Most dental schools require PSYC 102, PYSC 225, STAT 301, and two semesters of English composition.

In some instances, students enter dental schools after three years of college-level study. However, the majority of dental students today have received a baccalaureate degree prior to entrance.

Biology — 1½ years, with laboratory (BIOS 208/BIOS 210, and BIOS 209/BIOS 211)
Chemistry — 2 years, general and organic (CHEM 210/CHEM 212, CHEM 330, CHEM 331, CHEM 332, and CHEM 211/CHEM 213)
Physics — 1 year, with laboratory (PHYS 210/PHYS 211, or PHYS 253 and PHYS 273)
English — 1 year (ENGL 102 and ENGL 104, or ENGL 105)

Recommended: Additional courses in biology, chemistry, mathematics, and psychology such as (BIOS 313, BIOS 355, CHEM 470, MATH 155, MATH 229, PSYC 102, PSYC 225, STAT 301)

Appropriate electives in humanities and social sciences selected in consultation with adviser.

Pre-law
Law schools do not usually recommend specific courses of study. They are primarily concerned with a well-developed major and the study of the basic tools of the law: logic, the ability to speak with clarity and force and the ability to write. The courses listed below are suggestions selected with the development of an appreciation of the nature of the law and legal study in mind. Many of these courses may also assist the student in refining the basic skills just mentioned. Students should feel free to incorporate in their programs of study as many or as few of these as they desire.

ACCY 206 — Introductory Financial Accounting (3),
   AND ACCY 207 — Introductory Cost Management (3),
   OR ACCY 288 — Fundamentals of Accounting (3)
COMS 304 — Introduction to Persuasion Theory (3),
   OR COMS 305 — Argumentation and Debate (3)
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PHIL 353 — Philosophy of Law (3)
POLS 356 — American Political Thought I (3)
POLS 410 — Constitutional Law I (3)
POLS 411—Constitutional Law II (3)  
POLS 412—Constitutional Law III (3)

**Pre-medicine and Pre-osteopathy**

Additional classes in sociology and psychology are recommended and these include PSYC 102, and classes in social, cognitive, and abnormal psychology. Additional useful classes for MCAT preparation include Cellular Physiology (BIOS 465) and Immunology (BIOS 440).

Except in rare instances, medical schools require students to have a baccalaureate degree prior to entrance to medical school.

**Biology**—2 years, with laboratory (BIOS 208/BIOS 210, and BIOS 209/BIOS 211, and BIOS 355)  
**Chemistry**—2 years, general and organic (CHEM 210/CHEM 212, CHEM 330, CHEM 331, CHEM 332, and CHEM 211/CHEM 212)  
**Physics**—1 year, with laboratory (PHYS 210 and PHYS 211, or PHYS 253, and PHYS 273)  
**English**—1 year (ENGL 103 and ENGL 104, or ENGL 105)  
**Mathematics**—1 semester (MATH 155 or MATH 229)  
**Recommended:** Additional courses in biology, chemistry, and mathematics such as (BIOS 308, BIOS 313, CHEM 470, STAT 301)  
**Appropriate electives in humanities and social sciences selected in consultation with adviser**

**Pre-optometry**

Many optometry schools require STAT 301 and Lifespan Development PSYC 225.

Students preparing to study in this field may be admitted to professional schools after 60 semester hours of college work, but most will have completed three or four years prior to entrance.

**Biology**—1½ years, with laboratory (BIOS 208/210, and BIOS 209/BIOS 211)  
**Chemistry**—2 years, general and organic (CHEM 210/CHEM 212, CHEM 211/CHEM 213, CHEM 330, CHEM 331, CHEM 332)  
**English**—1 year (ENGL 103 and ENGL 104, or ENGL 105)  
**Physics**—1 year, with laboratory (PHYS 210 and PHYS 211, or PHYS 253 and PHYS 273)  
**Mathematics**—1 year (including STAT 301)  
**Psychology**—1 year (PSYC 102 plus one additional course such as PSYC 225)  
**Appropriate electives selected in consultation with adviser**

**Pre-pharmacy**

Most pharmacy programs require an economics class (ECON 260) and an anatomy class (BIOS 311 or BIOS 357). NIU also maintains an affiliation program with the UIC College of Pharmacy that will guarantee admissions to highly qualified students. Consult the pre-professional advisor for details on this program.

The basic pharmacy B.S. degree requires five years of fulltime study. Some programs combine one year of pre-pharmacy education with four years in pharmacy school; others combine two years of pre-pharmacy study with three years in pharmacy school. Many pharmacy schools now offer the Doctor of Pharmacy degree either as 5 + 2 (B.S. in pharmacy followed by two additional years in pharmacy school), or as a 2 + 4 sequence (two years of pre-pharmacy followed by four years in the Pharm.D. program).
Because of the wide variety of pharmacy programs and the narrow latitude for electives in pre-pharmacy programs, it is essential that course selection be made carefully and in consultation with an adviser.

One-Year Program
Chemistry — 1 year, with laboratory (CHEM 210/CHEM 212 and CHEM 211/CHEM 213)
English — 1 year (ENGL 103 and ENGL 104, or ENGL 105)
Mathematics — 1 semester (MATH 155 or MATH 229)
Appropriate electives selected in consultation with adviser to bring total to 30 semester hours.

Additional Courses for Two-Year Programs
Biology — 1 year (BIOS 209/BIOS 211; BIOS 355 or BIOS 357)
Chemistry — 1 year, organic with laboratory (CHEM 330, CHEM 331, CHEM 332)
Mathematics — 1 semester (MATH 229)
Physics — 1 year (PHYS 210 and PHYS 211 or PHYS 253 and PHYS 273)
Economics — 1 semester to 1 year (ECON 260 and ECON 261)
Appropriate electives in social sciences and humanities selected in consultation with adviser to bring total to 60 semester hours.

Pre-podiatry
Students preparing to study in this field may be admitted to professional schools after 60 semester hours of college work, but most will have completed three or four years prior to entrance.

Biology — 1½ years, with laboratory (BIOS 208/BIOS 210, and BIOS 209/BIOS 211)
Chemistry — 2 years, general and organic (CHEM 210/CHEM 212, CHEM 211/CHEM 213, CHEM 330, CHEM 331, CHEM 332)
Physics — 1 year, with laboratory (PHYS 210 and PHYS 211, or PHYS 253 and PHYS 273)
English — 1 year (ENGL 103 and ENGL 104, or ENGL 105)
Mathematics — 1 year (including STAT 301)

Pre-veterinary medicine
Many veterinary programs require one semester of animal science. Applied animal science classes are not offered at NIU, but can typically be taken at a community college over the summer. Most veterinary programs have biochemistry as a requirement (CHEM 472 and 473).

Students preparing to study in this field may be admitted to professional schools after 60 semester hours of college work, but most will have completed three or four years prior to entrance.

Biology — 2½ years, including zoology and genetics (BIOS 208/BIOS 210, and BIOS 209/BIOS 211, and BIOS 308, and BIOS 355)
Chemistry — 2 years, general and organic (CHEM 210/CHEM 212, CHEM 211/CHEM 213, CHEM 330, CHEM 331, CHEM 332)
English — 1 year (ENGL 103 and ENGL 104, or ENGL 105)
Physics — 1 year, with laboratory (PHYS 210 and PHYS 211, or PHYS 253 and PHYS 273)
Animal Science — 1 semester (not offered at NIU; usually taken at a community college or at a veterinary medicine school immediately prior to entrance.) Prospective veterinarians should acquire essential experience by assisting a practicing veterinarian prior to applying for admission to a school of veterinary medicine.
Recommended: Additional courses in chemistry and mathematics such as CHEM 470, MATH 229, STAT 301
Appropriate electives selected in consultation with adviser

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**Rationale:** In an effort to clarify pre-professional studies, we are moving the Pre-Law section to the area immediately after "Pre-Professional Advisement" and before "Course Selection for Biomedical Pre-Professional Students". The pre-med course selections have been condensed and simplified for clarity.

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**Other Catalog Change**

Page 353, 2013-14 Undergraduate Catalog

**Other Academic Units**

↓

**International Programs**

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The Division of International Programs… …for faculty, students, and ideas.

For students participating in an approved transfer agreement leading to a joint degree between Northern Illinois University and a partner international university, Northern Illinois agrees to accept the completed international transfer curriculum as the equivalent of the lower division general education requirements for a baccalaureate degree. In making such collaborative arrangements with sister institutions around the world, NIU will allow students to transfer this portion of their baccalaureate degree from the international university to NIU without incurring a loss of credit. Successful completion of this package of courses assures students that all lower division general education requirements are fulfilled.

**Study Abroad Programs**

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**Rationale:** In 1974, to ease the transfer of community college students, Northern Illinois University adopted the community college compact, establishing the fact that regardless of whether an AA or AS recipient’s transcript matched our own general education program, we would accept the student’s program of studies in lieu of our own common core and distributive studies requirements. In essence, we ceded our general education program requirements to our sister institutions in the state of Illinois, and we’ve continued to do so for almost 40 years. That’s decidedly a good thing, one which has been a significant factor in our being able to congratulate so many community college transfers who take their degrees from NIU.

In the mid-1990’s, Northern Illinois University adopted the Illinois Articulation initiative, now extending the acceptance of other institutions’ general education programs not only to graduates of Illinois public community colleges but to any students who complete the General Education Core Curriculum (GECC) at any public or private, two year or four year institution in Illinois. The GECC package differs markedly from our own distributive studies, but we recognize the fact that our sister institutions have established reasonable, albeit different, common degree expectations and we accept those premises to ease our students’ successful transfer to NIU.

And for more than three decades, Northern Illinois University has awarded second baccalaureate degrees to those students who have taken their first degree from another institution, both inside and outside the state of Illinois. That extends even further the wide range of ways in which students who take their degrees from NIU may fulfill their core and distributive studies requirements.
The premise of all these accords is that we recognize the integrity and common purpose of our sister institution’s core curriculum and we accept it in lieu of the course specific matches required in our native program. In this time of global education, we now extend that same accord to those international sister institutions with whom we sign interinstitutional joint degree transfer articulation agreements.

Among the essential elements of our mission and scope at NIU is preparing students for the global nature of life in the 21st century. We pledge to contribute to the advancement of knowledge “for the benefit of the people of the region, the state, the nation, and the world,” and we pledge our commitment to a public purpose that addresses “global challenges and opportunities.” In the past five years, our Associate Provost for the Division of International Programs and deans from nearly all of our colleges have engaged in extensive discussions with universities in Asia and Southeast Asia to develop 2+2, 2+3, 2+NIU programs that have as their goal joint baccalaureate degree programs. To facilitate these discussions, we have exchanged course information and shared course descriptions and syllabi with our academic departments, aiming for the ideal solution, a course for course match across institutions. That is often more than a little difficult, since a given course may be quite close to our NIU offering, though its time period or its topical coverage may not directly overlap with ours. In evaluating course catalogs from Capital Normal University in China, Beijing Technology and Business Institute, HELP University and Universiti Teknologi Mara in Malaysia, and Sejong University in South Korea, we have seen many courses that are not quite the same as our own NIU offerings, but they certainly fulfill the spirit of the requirement in the way our courses do. There also is an emerging pattern of their distributive studies common curriculum, one which includes far more mathematics course work than we require, usually two or more natural sciences (with physics being the most common requirement), social science course work in economics, politics, and psychology, and humanities course work in history, literature, music, and art. Before we sign any collaborative agreements with any institution, we will evaluate their common curriculum so that we will accept their package of general education offerings in lieu of our own, just as we do for every institution in the state of Illinois and every other baccalaureate institution whose postbaccalaureate students join us for a second degree.

This acceptance of the requirements of other institutions as on a par with our own will ease the integration of our international students who come from the collaborating institutions and increase their probability of success. The presence of these international students on our campus in the increased numbers we believe this program will draw will be a significant, and substantive, step in our commitment to the global challenges and opportunities we espouse.

DEPARTMENT OF ANTHROPOLOGY

New Course

ANTH 401X. THIRD CLINICAL SECONDARY SCHOOL EXPERIENCE IN HISTORY/SOCIAL SCIENCES (1-2). Crosslisted as ECON 401X, GEOG 401X, HIST 401, POLS 401X, PSYC 401X, and SOCI 401X. Discipline-based clinical experiences for prospective secondary teachers in history and social sciences. Observations, evaluation, and practicum on methods and problems in teaching in the discipline. Includes a minimum of 40 clock hours of supervised and formally evaluated experiences in the particular
setting likely for the student teaching experience. S/U grading. PRQ: Consent of department. CRQ: HIST 496 (or cross-listed sections).

**Rationale:** All other secondary teacher certification programs in the College of Liberal Arts and Sciences have changed their third clinical experience course from ILAS 401 to a departmental prefix and number since students meet in discipline-specific sections of the course. The History/Social Sciences program is the only teacher certification program still using the ILAS prefix. The course is coordinated and taught by History Department faculty.

**Non-Duplication:** None. This is a cross listed course specific to the teacher licensure program and students from anthropology, economics, geography, history, political science, psychology, and sociology, take it at the same time.

**Course Revision**  
Page 206, 2013-14 Undergraduate Catalog

ANTH 496X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ECON 496X, GEOG 496X, HIST 496, POLS 496X, PSYC 496X, and SOCI 496X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

**Rationale:** To bring the courses in line with changes to the teacher licensure program.

**Course Revision**  
Page 184, 2013-14 Graduate Catalog

ANTH 596X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ECON 596X, GEOG 596X, HIST 496, POLS 596X, PSYC 596X, and SOCI 596X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

**Rationale:** To bring the courses in line with changes to the teacher licensure program.

**Other Catalog Change**  
Page 202-203, 2013-14 Undergraduate Catalog

College of Liberal Arts and Sciences

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Department of Anthropology (ANTH)

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Teacher Certification Professional Educator Licensure – Social Sciences: Anthropology

Students who want to be certified licensed to teach anthropology/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History & Social Sciences Secondary Teacher Education Program at the earliest possible
opportunity. Certification Educator licensure involves significant requirements in addition to the completion of a degree in anthropology.

**Admission**

Students are admitted to the certification History & Social Sciences Secondary Teacher Education Program when they have

- established a file with the Department of History’s & Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing… …minimum GPA of 2.75;
- passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution;
- completed at least 6… …at the college/university level;
- completed the core competency requirements in English and oral communication;
- completed at least 20 clock hours of approved early clinical experiences; and
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
- obtained approval from the Department of History’s & Social Sciences Secondary office of Teacher certification Education Program.

**Retention**

Students admitted… … progress each semester with the Department of History’s & Social Sciences Secondary office of Teacher certification Education Program.

**Department Requirements**

Students must complete… …ANTH 496X, History and Social Science Instruction in Grades 6-12 for Secondary Educators. Except in unusual… …in student teaching.

**Other Requirements**

Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6-12 for Secondary Educators. Except in unusual… …required for graduation and certification licensure.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (8 semester hours).

The History & Social Sciences Secondary Teacher Education Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History & Social Sciences Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 clock hours of substantial, varied, and sequential clinical experiences prior to student teaching. Students must obtain permission from the Department of History’s office of teacher certification for enrollment in these experiences.
Students must complete course work in human development and learning, techniques of assessment, foundations of education, and integrating exceptional students into the regular classroom.

Students should consult with the Department of History’s office of teacher certification to determine which courses are approved for satisfying this requirement.

**Placement**
The History & Social Sciences Secondary Teacher Education Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

**Rationale:** These changes are being made in accordance with new state mandates.

**DEPARTMENT OF ECONOMICS**

**New Course**

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<th>Course Code</th>
<th>Description</th>
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**Rationale:** All other secondary teacher certification programs in the College of Liberal Arts and Sciences have changed their third clinical experience course from ILAS 401 to a departmental prefix and number since students meet in discipline-specific sections of the course. The History/Social Sciences program is the only teacher certification program still using the ILAS prefix. The course is coordinated and taught by History Department faculty.

**Non-Duplication:** None. This is a cross listed course specific to the teacher licensure program and students from anthropology, economics, geography, history, political science, psychology, and sociology, take it at the same time.

**New Courses**

<table>
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<tr>
<th>Course Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>ECON 661A</td>
<td>MACROECONOMICS ANALYSIS IA (1). To prepare students with a working knowledge of advanced macroeconomic topics beyond those taught in the introductory section. Topics</td>
</tr>
</tbody>
</table>
include Real Business Cycle Models, New Keynesian Models, the Phillips Curve, and Aggregate Supply models with inflation. CRQ: ECON 661.

ECON 661B. INTRODUCTION TO FINANCIAL ECONOMIC APPLICATIONS (1). Introduction to elementary financial economic theory and to applied work demanded by the industry. Topics include a broad overview of the financial system, mean-variance analysis, The Capital Asset Pricing Model, and two period consumption asset pricing models. CRQ: ECON 661.

**Rationale:** To streamline and simplify the addition of a concentration in Financial Economics for our MA program we are splitting our Macroeconomic Analysis I class to allow for two tracts near the end of the semester. Students wishing to obtain an MA or PhD in Economics will take 661A which will continue the typical syllabus of our old 661 whereas students seeking the Concentration in Financial Economics will take 661B which will finish the semester with topics more in line with those used in Finance. If a student wishes to change tracks at any point, they only need to take the required compliment course to 661 rather than retake a three hour course which duplicates with two-third of a course already completed.

**Non-Duplication:** The Department of Finance was notified with regard to these courses and has indicated there is no conflict with any of their current course offerings.

ECON 690A. ECONOMETRICS IA (1). The continuation of the ECON 690 course focusing on topics such as instrumental variable estimation, Logit and Probit models and, if time permits, duration models. CRQ: ECON 690.

ECON 690B. FINANCIAL TIME SERIES ECONOMETRICS (1). To prepare students with a working knowledge of econometric methods used to conduct time series analysis with financial economic data. Emphasis is placed on applications rather than theories in computational economics, macroeconomics, and financial economics. CRQ: ECON 690.

**Rationale:** To streamline and simplify the addition of a concentration in Financial Economics for our MA program we are splitting our Econometrics I class to allow for two tracts near the end of the semester. Students wishing to obtain an MA or PhD in Economics will take 690A which will continue the typical syllabus of our old 690 whereas students seeking the Concentration in Financial Economics will take 690B which will finish the semester with topics more in line with those used in Finance. If a student wishes to change tracks at any point, they only need to take the required compliment course to 690 rather than retake a three hour course which duplicates with two-third of a course already completed.

**Non-Duplication:** The Departments of Finance, Mathematics, and Statistics were notified with regard to these courses and have indicated there is no conflict with any of their current course offerings.

ECON 791. COMPUTATIONAL ECONOMICS (2). Covers environments for scientific computing, numerical methods, and computational economics. Students will be expected to write their own computer programs to solve and estimate economic models. PRQ: Consent of department.

**Rationale:** Most modern research in economics makes extensive use of computational methods. Currently the economics department teaches numerical methods as part of several existing courses.
Students will benefit by being able to enroll in a dedicated class that systematically covers numerical methods.

Non-Duplication: The Departments of Computer Science, Mathematics, and Statistics were notified with regard to this course and have indicated there is no conflict with any of their current course offerings.

**Course Revision** Page 235, 2013-14 Undergraduate Catalog

**ECON 496X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, GEOG 496X, HIST 496, POLS 496X, PSYC 496X, and SOCI 496X.** Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

**Rationale:** To bring the courses in line with changes to the teacher licensure program.

**Course Revisions** Page 203-205, 2013-14 Graduate Catalog

**ECON 596X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 596X, GEOG 596X, HIST 496, POLS 596X, PSYC 596X, and SOCI 596X.** Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

**Rationale:** To bring the courses in line with changes to the teacher licensure program.

**ECON 661. MACROECONOMIC ANALYSIS I (3-2). Factors determining… …of department.**

**Rationale:** We are reducing the hours from three to two to reflect that the course will only meet during the first two-thirds of the semester. For the remaining one-third of the semester students will take either ECON 661A or ECON 661B (both one credit courses) depending on whether they are standard Economics MA or PhD students or Economics MA students with the Financial Economics concentration. This setup also simplifies cases where students take either ECON 661A or B and then changes to a track that requires the other classes. In this instance they will not be required to retake the ECON 661 portion of the sequence.

**ECON 690. ECONOMETRICS I (3-2). Specification and… …CRQ: ECON 690A 692A.**

**Rationale:** We are reducing the hours from three to two to reflect that the course will only meet during the first two-thirds of the semester. For the remaining one-third of the semester students will take either ECON 690A or ECON 690B (both one credit courses) depending on whether they are standard Economics MA or PhD students or Economics MA students with the Financial Economics concentration. This setup also
simplifies cases where students take either ECON 690A or B and then changes to a track that requires the other classes. In this instance they will not be required to retake the ECON 690 portion of the sequence.

ECON 761. MACROECONOMIC ANALYSIS II (3). Continuation of… …PRQ: ECON 661 and ECON 661A or CConsent of department. Recommended: ECON 661.

Rationale: This is just a change in the prerequisites to capture the addition of 661A and 690A.

ECON 790. ECONOMETRICS II (3). Advanced topics… …PRQ: ECON 690 and ECON 690A or CConsent of department. Recommended: ECON 690.

Rationale: This is just a change in the prerequisites to capture the additional of 661A and 690A.

Other Catalog Change

College of Liberal Arts and Sciences

Department of Economics (ECON)

Teacher Certification Professional Educator Licensure – Social Sciences: Economics

Students who want to be certified licensed to teach economics/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History & Social Sciences Secondary Teacher Education Program at the earliest possible opportunity. Certification Educator licensure involves significant requirements in addition to the completion of a degree in economics.

Admission

Students are admitted to the certification History & Social Sciences Secondary Teacher Education Program when they have

- established a file with the Department of History & Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing… …minimum GPA of 2.75;
- passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution;
- completed at least 6… …at the college/university level;
- completed the core competency requirements in English and oral communication;
- completed at least 20 clock hours of approved early clinical experiences; and
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
obtained approval from the Department of History’s & Social Sciences Secondary office of Teacher certification Education Program.

Retention
Students admitted … …progress each semester with the Department of History’s & Social Sciences Secondary office of Teacher certification Education Program.

Department Requirements
Students must… … ECON 496X, History and Social Science Instruction in Grades 6-12 for Secondary Educators. Except in unusual… …in student teaching.

Other Requirements
Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6-12 for Secondary Educators. Except in unusual… …required for graduation and certification licensure.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (8 semester hours).

The History & Social Sciences Secondary Teacher Education Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History & Social Sciences Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 clock hours of substantial, varied, and sequential clinical experiences prior to student teaching. Students must obtain permission from the Department of History’s office of teacher certification for enrollment in these experiences.

Students must complete course work in human development and learning, techniques of assessment, foundations of education, and integrating exceptional students into the regular classroom. Students should consult with the Department of History’s office of teacher certification to determine which courses are approved for satisfying this requirement.

Placement
The History & Social Sciences Secondary Teacher Education Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

Rationale: These changes are being made in accordance with new state mandates.
Master of Arts in Economics
The M.A. in economics is suitable either for students intending to pursue a Ph.D. in economics or for those seeking a practical program of study to prepare them for technical or administrative positions in business or government. For those seeking a career dealing with financial markets, the department offers a concentration in Financial Economics as part of its M.A. program.

The M.A. program in economics requires a minimum of 30 semester hours of graduate credit.

Course Requirements
ECON 660 – Microeconomic Analysis I (3)
ECON 661 – Macroeconomic Analysis I (3)
ECON 661A – Macroeconomics Analysis IA (1); for students without a Concentration, OR ECON 661B – Introduction to Financial Economic Applications (1); for students with a Concentration in Financial Economics
ECON 690 – Econometrics I (3)
ECON 690A – Econometrics Laboratory (1)
ECON 690A – Econometrics IA (1); for students without a Concentration, OR ECON 690B – Financial Time Series Econometrics (1); for students with a Concentration in Financial Economics
ECON 692A – Methods in Economics: Econometrics (1)
ECON 699A – Master’s Thesis (6), OR ECON 699B – Master’s Research Paper (3), OR a substantial research paper written in a 500- or 600-level economics course and approved by the professor teaching the course.

Students with an interest in applied economics are offered outside the department.

Students with an interest in the Concentration in Financial Economics are expected to complete the following courses: ECON 584, ECON 740, ECON 742, ECON 791 and STAT 583. Students who may be interested in entering the Ph.D. program in economics need to be aware that while ECON 661B and ECON 690B are required for the concentration in financial economics, ECON 661A and ECON 690A are required for the Ph.D. core courses ECON 761 and ECON 790 respectively.

Comprehensive Examinations

Doctor of Philosophy in Economics

Course Requirements
All doctoral students must complete ECON 690, Econometrics I (3), ECON 690A, Econometrics IA (1), ECON 692A, Methods in Economics: Econometrics (1), and ECON 660, and ECON 661, and ECON 661A. Students who… to do so.

Rationale: We have revised both ECON 661 and ECON 690 from a three credit class to a two credit class that will only meet for ten weeks (two-thirds of a semester). All students, regardless of track, will enroll in these two classes. We also have four new courses. The first two, ECON 661A and ECON 661B, will be continuations of ECON 661 with the class designated ‘A’ for students wishing to complete the standard MA or the PhD program and the class designated ‘B’ for those in the MA concentration (taking the place...
of the ECON 566 class under the old proposal). Each of these classes will be one credit classes and will meet for the remaining one-third of the semester. The other two courses, ECON 690A and ECON 690B, will serve as continuations of ECON 690 with, again, with the class designated ‘A’ for students wishing to complete the standard MA or the PhD program and the class designated ‘B’ for those in the MA concentration (taking the place of ECON 641 under the old proposal). These will also be one credit courses that will meet the remaining one-third of the semester.

The advantage of this system is that if a student decides to change tracks they only need to complete the complementary class that fits their new track. In other words, if a student starts with the MA with a Concentration in Financial Economics and wants to move to the PhD program, they only need to take ECON 661A and ECON 690A rather than retaking a full three-hour class as they would have had to do under the old system. Additionally, although we are splitting ECON 690 and ECON 661, for those that currently teach these classes there will be little observed change as they will also teach the ‘A’ compliment course to finish off the semester.

Other Catalog Change

Page 203, 2013-14 Graduate Catalog

College of Liberal Arts and Sciences

↓

Department of Economics (ECON)

↓

Admission to Candidacy

↓

Concentration in Financial Economics

In addition to the course requirements for the Master of Arts in Economics, the concentration also requires the following coursework (12):

- ECON 584 – Financial Derivatives (3)
- ECON 742 – Financial Engineering (3)
- ECON 791 – Computational Economics (2)
- STAT 583 – Stochastic Processes and Financial Models (4)

Rationale: This concentration is meant to lay the groundwork for an eventual MA in Financial Economics to be offered by the department. As a means of generating interest in this new degree and as a means of helping to facilitate the review process, we propose to create a Concentration in Financial Economics as part of the department’s existing MA degree program. The following outlines the admission criteria, course requirements and expectations of the students enrolled in this program.

According to University Guidelines (Section III, Item 24) a concentration is a course of study linked to an existing degree (in this case the MA in Economics) and must be more than 12 credit hours, but no more than 18 credit hours. This concentration is attached to the MA in Economics provided by the Department of Economics and consists of 12 credit hours beyond the core requirements for the MA degree.

DEPARTMENT OF FOREIGN LANGUAGES AND LITERATURES

New Courses

Page 252, 2013-14 Undergraduate Catalog
CIP: 16.09

FLSP 463. HISPANIC CULTURE THROUGH FILM (3). An introduction to contemporary Hispanic culture through the study of film. Taught in Spanish. PRQ: FLSP 361 or FLSP 362 or consent of department.

Rationale: There is a need for an Hispanic film course at NIU. This course will provide students a vehicle through which to study the representations of Hispanic everyday life, literature, built environment, architecture, city planning, identity formation, transportation, etc., in film.

Non-Duplication: The Departments of Communication and English were notified with regard to this course and have indicated there is no conflict with any of their current course offerings.

FLSP 489. CONSECUTIVE INTERPRETATION: THEORY AND PRACTICE (3). Provides practical instruction in consecutive interpretation from English to Spanish and Spanish to English. Focus is on consecutive interpretation techniques such as enhancing listening performance and note-taking skills. PRQ: FLSP 302 or consent of department.

Rationale: In Spanish, the department offers two undergraduate courses on translation (FLSP 483, FLSP 484). These classes concentrate on translation theory and practice and the review of grammatical contrasting features, but they do not have a consecutive interpretation focus. FLSP 489 will complement these two already existing classes on translation and not only opens new venues of professional development for students as future interpreters, but also assists in further refining their oral language skills.

Non-Duplication: The Departments of Communication and English were notified with regard to this course and have indicated there is no conflict with any of their current course offerings.

New Courses

CIP: 16.09

FLSP 563. HISPANIC CULTURE THROUGH FILM (3). An introduction to contemporary Hispanic culture through the study of film. Taught in Spanish.

Rationale: There is a need for a Hispanic film course at NIU. This course will provide students a vehicle through which to study the representations of Hispanic everyday life, literature, built environment, architecture, city planning, identity formation, transportation, etc., in film.

Non-Duplication: The Departments of Communication and English were notified with regard to this course and have indicated there is no conflict with any of their current course offerings.

FLSP 589. CONSECUTIVE INTERPRETATION: THEORY AND PRACTICE (3). This course provides practical instruction in consecutive interpretation from English to Spanish and Spanish to English. Focus is on consecutive interpretation techniques such as enhancing listening performance and note-taking skills.
Rationale: In Spanish, the department offers two graduate courses on translation (FLSP 583, FLSP 584). These classes concentrate on translation theory and practice and the review of grammatical contrasting features, but they do not have a consecutive interpretation focus. FLSP 589 will complement these two already existing classes on translation and not only opens new venues of professional development for students as future interpreters, but also assists in further refining their oral language skills.

Non-Duplication: The Departments of Communication and English were notified with regard to this course and have indicated there is no conflict with any of their current course offerings.

DEPARTMENT OF GEOGRAPHY

New Courses


Rationale: All other secondary teacher certification programs in the College of Liberal Arts and Sciences have changed their third clinical experience course from ILAS 401 to a departmental prefix and number since students meet in discipline-specific sections of the course. The History/Social Sciences program is the only teacher certification program still using the ILAS prefix. The course is coordinated and taught by History Department faculty.

Non-Duplication: None. This is a cross listed course specific to the teacher licensure program and students from anthropology, economics, geography, history, political science, psychology, and sociology, take it at the same time.

GEOG 470. WEB MAPPING (3). Design and implementation of interactive, web-based geovisualizations. Theory of map-based, human-computer interaction and supporting data structures and communication techniques. Two hours of lecture and two hours of laboratory. Prerequisites: GEOG 359 and GEOG 467 or consent of department.

Rationale: Web-based mapping has recently become a prime means of communicating spatial information and interactive maps to the public. Although the department has base courses in cartography, GIS, and geovisualization, the unique demands of design for the web require an adjustment and expansion of traditional cartographic theory. This course begins with a re-examination of cartographic and visualization theory, and extends to an investigation of current best practices and the emerging design landscape. The course is intended to provide practical, marketable skills for the development and implementation of web maps at all scales, from single- purpose, static API-based
maps, to true “Web-GIS” involving the production of geovisualizations for highly interactive environments. Course material will focus on well-embraced open source technology including various Google Mapping APIs, HTML5, CSS, JavaScript, OpenStreetMap, and Leaflet. Maps will be supported by other methods of geovisualization for visual analytics, including D3 and Google’s Dataset Publishing Language and Public Data Explorer. Finally, the course will approach representation in interactive 3D, by exploring X3D and WebGL as publishing platforms.

Non-Duplication: The Departments of Computer Science and Geology were notified with regard to this course and have indicated there is no conflict with any of their current course offerings.

**New Course**

CIP: 45.07

GEOG 570. WEB MAPPING (3) Design and implementation of interactive, web-based geovisualizations. Theory of map-based, human-computer interaction and supporting data structures and communication techniques. Two hours of lecture and two hours of laboratory. Prerequisites: GEOG 557 and GEOG 567 or consent of department.

**Rationale:** Web-based mapping has recently become a prime means of communicating spatial information and interactive maps to the public. Although the department has base courses in cartography, GIS, and geovisualization, the unique demands of design for the web require an adjustment and expansion of traditional cartographic theory. This course begins with a re-examination of cartographic and visualization theory, and extends to an investigation of current best practices and the emerging design landscape. The course is intended to provide practical, marketable skills for the development and implementation of web maps at all scales, from single-purpose, static API-based maps, to true “Web-GIS” involving the production of geovisualizations for highly interactive environments. Course material will focus on well-embraced open source technology including various Google Mapping APIs, HTML5, CSS, JavaScript, OpenStreetMap, and Leaflet. Maps will be supported by other methods of geovisualization for visual analytics, including D3 and Google’s Dataset Publishing Language and Public Data Explorer. Finally, the course will approach representation in interactive 3D, by exploring X3D and WebGL as publishing platforms.

Non-Duplication: The Departments of Computer Science and Geology were notified with regard to this course and have indicated there is no conflict with any of their current course offerings.

**Course Revision**

GEOG 496X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, ECON 496X, HIST 496, POLS 496X, PSYC 496X, and SOCI 496X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.
Rationale: To bring the courses in line with changes to the teacher licensure program.

Course Revision

Page 222, 2013-14 Graduate Catalog

GEOG 596X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6–12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 596X, ECON 596X, HIST 496, POLS 596X, PSYC 596X, and SOCI 596X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

Rationale: To bring the courses in line with changes to the teacher licensure program.

Other Catalog Change

Page 259, 2013-14 Undergraduate Catalog

Department of Geography (GEOG, MET)
↓
Major in Geography
↓
Emphasis 1: Geography (B.A. or B.S.)
↓
Requirements in Department (36)
↓
Geographic Information Systems
Course work from the following
↓
GEOG 468 – Workshop in GIS (3)
GEOG 470 – Web Mapping (3)
GEOG 490 – Community Geography (3)
↓

Rationale: Add new course to Geographic Information Systems elective set in major.

Other Catalog Change

Page 261, 2013-14 Undergraduate Catalog

Department of Geography (GEOG, MET)
↓
Certificate of Undergraduate Study

Geographic Information Systems (15)
↓
Requirements
GEOG 256 – Maps and Mapping (3)
Course work from the following with consent of adviser (6)

GEOG 468 – Workshop in GIS (3)
GEOG 470 – Web Mapping (3)
GEOG 490 – Community Geography (3)

Rationale: Add new course to Certificate in GIS elective set.

Other Catalog Change

College of Liberal Arts and Sciences

Department of Geography (GEOG, MET)

Teacher Certification Professional Educator Licensure – Social Sciences: Geography

Students who want to be certified licensed to teach geography/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History & Social Sciences Secondary Teacher Education Program at the earliest possible opportunity. Certification Educator licensure involves significant requirements in addition to the completion of a degree in geography.

Admission

Students are admitted to the certification History & Social Sciences Secondary Teacher Education Program when they have

- established a file with the Department of History’s & Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing… …minimum GPA of 2.75;
- passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution;
- completed at least 6… …at the college/university level;
- completed the core competency requirements in English and oral communication;
- completed at least 20 clock hours of approved early clinical experiences; and
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
- obtained approval from the Department of History’s & Social Sciences Secondary office of Teacher certification Education Program.

Retention

Students admitted… …progress each semester with the Department of History’s & Social Sciences Secondary office of Teacher certification Education Program.
Department Requirements
Students must complete… GEOG 496X, History and Social Science Instruction in Grades 6-12 for Secondary Educators. Except in unusual… in student teaching.

Other Requirements
Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6-12 for Secondary Educators. Except in unusual… required for graduation and certification licensure.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (8 semester hours).

The History & Social Sciences Secondary Teacher Education Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History & Social Sciences Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 clock hours of substantial, varied, and sequential clinical experiences prior to student teaching. Students must obtain permission from the Department of History’s office of teacher certification for enrollment in these experiences.

Students must complete course work in human development and learning, techniques of assessment, foundations of education, and integrating exceptional students into the regular classroom. Students should consult with the Department of History’s office of teacher certification to determine which courses are approved for satisfying this requirement.

Placement
The History & Social Sciences Secondary Teacher Education Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

Rationale: These changes are being made in accordance with new state mandates.

DEPARTMENT OF HISTORY

New Course
Page 277, 2013-14 Undergraduate Catalog

CIP: 54.01

HIST 401. THIRD CLINICAL SECONDARY SCHOOL EXPERIENCE IN HISTORY/SOCIAL SCIENCES (1-2). Crosslisted as ANTH 401X, ECON 401X, GEOG 401X, POLS 401X, PSYC 401X, and SOCI 401X. Discipline-based clinical experiences for prospective secondary teachers in history and social sciences. Observations, evaluation, and practicum on methods and problems in teaching in the discipline. Includes a minimum of 40 clock hours of supervised and formally evaluated experiences in the particular
setting likely for the student teaching experience. S/U grading. PRQ: Consent of department. CRQ: HIST 496 (or cross-listed sections).

Rationale: All other secondary teacher certification programs in the College of Liberal Arts and Sciences have changed their third clinical experience course from ILAS 401 to a departmental prefix and number since students meet in discipline-specific sections of the course. The History/Social Sciences program is the only teacher certification program still using the ILAS prefix. The course is coordinated and taught by History Department faculty.

Non-Duplication: None. This is a course specific to the teacher licensure program and students from anthropology, economics, geography, history, political science, psychology, and sociology, take it at the same time.

Course Revisions Page 277-279, Undergraduate Catalog

HIST 400. STUDENT TEACHING (SECONDARY) IN HISTORY/SOCIAL SCIENCES FOR SECONDARY EDUCATORS (12). Student teaching for one semester. Assignments arranged with the department’s office of secondary teacher certification education. S/U grading. PRQ: HIST 496 and permission of the department’s office of secondary teacher certification education.

HIST 496. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, ECON 496X, GEOG 496X, POLS 496X, PSYC 496X, and SOCI 496X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

Rationale: To bring the courses in line with changes to the teacher licensure program.

Course Revisions Page 233-234, Graduate Catalog

General

HIST 500. STUDENT TEACHING (SECONDARY) IN HISTORY/SOCIAL SCIENCES FOR SECONDARY EDUCATORS (12). Student teaching for one semester. Assignments arranged with the department’s office of secondary teacher certification education. PRQ: HIST 596 or ANTH 596X or ECON 596X or GEOG 596X or POLS 596X or PSYC 596X or SOCI 596X, and permission of the department’s office of secondary teacher certification education, or consent of department.

HIST 596. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 596X, ECON 596X, GEOG 596X, POLS 596X, PSYC 596X, and SOCI 596X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the
history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

Rationale: To bring the courses in line with changes to the teacher licensure program.

DEPARTMENT OF PHYSICS

Other Catalog Changes Page 296-291, 2012-13 Undergraduate Catalog

College of Liberal Arts and Sciences

Department of Physics (PHYS)


Students interested in Illinois State certification as a physics teacher should see the section below on teacher certification.

Important: Students wishing to receive Illinois State certification and/or endorsement to teach physics should also refer carefully to the section below labeled Teacher Certification for additional requirements.

Requirements in Department (37-42) (37-39)

PHYS 210 – General Physics I,
    AND PHYS 211 – General Physics II (8),
    AND PHYS 252 – Intermediate General Physics (3),
    OR PHYS 253 – Fundamentals of Physics I: Mechanics (4)
    AND PHYS 273 – Fundamentals of Physics II: Electromagnetism (4)

PHYS 253 – Fundamentals of Physics I: Mechanics (4)
PHYS 273 – Fundamentals of Physics II: Electromagnetism (4)
PHYS 283 – Fundamentals of Physics III: Quantum Physics (3)

PHYS 375 – Laboratory Electronics I (4)
PHYS 383 – Intermediate Quantum Physics (3)
PHYS 493X – Interdisciplinary Teaching of Science in Secondary Education (3)
PHYS 494 – Use of Technology in Secondary Science Teaching (2)

Requirements outside Department (21-22) (23)

*CHEM 210 – General Chemistry I (3)
    AND *CHEM 212 – General Chemistry Laboratory I (1)

ILAS 300 – Discipline-Based Clinical Experiences for the Illinois Standard High School Certificate (1),
    OR ILAS 301 – Second Clinical Experience (1-2)

*MATH 229 – Calculus I (4)
    AND MATH 230 – Calculus II (4)
    AND MATH 232 – Calculus III (4)
MATH 336 – Ordinary Differential Equations (3)

Total Hours for Emphasis 2, Secondary School Teaching: 58-64 60-62

Emphasis 3. Applied Physics

Requirements in Department (29-34) (32-34)
PHYS 210 – General Physics I,
   AND PHYS 211 – General Physics II (8),
   AND PHYS 252 – Intermediate General Physics (3),
   OR PHYS 253 – Fundamentals of Physics I: Mechanics (4)
   AND PHYS 273 – Fundamentals of Physics II: Electromagnetism (4)
PHYS 253 – Fundamentals of Physics I: Mechanics (4)
PHYS 273 – Fundamentals of Physics II: Electromagnetism (4)
PHYS 283 – Fundamentals of Physics III: Quantum Physics (3)
↓
PHYS 375 – Laboratory Electronics I (4)
PHYS 383 – Intermediate Quantum Physics (3)
PHYS 498 – Senior Seminar (1)
   OR PHYS 499H – Senior Project in Physics (3)
↓
Other Requirements (17-19) (14-16)
Electives from physics and other related sciences. At least 40-7 semester hours must be 300- or 400-level PHYS courses. … …Other tracks can be developed in consultation with an adviser.

Total Hours for Emphasis 3, Applied Physics: 69-76 69-73
↓
Minor in Physics (25-28) (25)
↓
MATH 230 – Calculus II (4)
*PHYS 253 – Fundamentals of Physics I: Mechanics (4)
   AND *PHYS 273 – Fundamentals of Physics II: Electromagnetism (4)
   OR *PHYS 210 – General Physics I (4)
   AND *PHYS 211 – General Physics II (4)
   AND PHYS 252 – Intermediate General Physics (3)
PHYS 283 – Fundamentals of Physics III: Quantum Physics (3)
AND PHYS 284 – Quantum Physics Laboratory (1)
Nine additional hours selected from the following: PHYS 300, PHYS 320, PHYS 367, PHYS 370, PHYS 374, PHYS 375, PHYS 383, PHYS 385 or any 400-level physics course.

Six or more semester hours in the minor must be taken at NIU.

Rationale: 1) We have been phasing out Phys 252 (a `bridge' course). We have been phasing out the option that allowed the equivalency of the non-calculus based sequence Phys 210/211/252 to the calculus-based Phys 253/273 sequence. 2) Phys 383 (intermediate modern physics) has phased into the program. It is co-requisite for Phys 374 (an advanced lab) and we consider this very important co-requisite. The Secondary School Teaching and the Applied Physics emphases require Phys 374 (an advanced laboratory class). Phys 383 should be explicitly included in the requirements. To accommodate extra physics course, we eliminated 3 units with Phys 375 (Laboratory electronics lab) in Secondary School Teaching emphasis.
NORTHERN ILLINOIS UNIVERSITY
COLLEGE OF LIBERAL ARTS AND SCIENCES
CURRICULUM COMMITTEE
Meeting #9 – October 23, 2013

Approved Attachments

and also adjusted physics electives in the Applied Physics emphasis. 3) Updating to reflect what is currently administered by the teacher certification program for introductory sequence of teaching methods courses suitable for this emphasis. 4) Math 336 is listed as co-requisite with required course Phys 370 (Electricity and Magnetism). Make it explicit in the program. 5) Changes are as established by the LA&S teacher certification program.

Impact Statement: The Department of Physics has consulted with the Department of Mathematical Sciences regarding the addition of MATH 336 to the list of outside requirements in emphasis 2. The department didn’t identify any negative impact on course availability or enrollment with this change.

DEPARTMENT OF POLITICAL SCIENCE

New Course


Rationale: All other secondary teacher certification programs in the College of Liberal Arts and Sciences have changed their third clinical experience course from ILAS 401 to a departmental prefix and number since students meet in discipline-specific sections of the course. The History/Social Sciences program is the only teacher certification program still using the ILAS prefix. The course is coordinated and taught by History Department faculty.

Non-Duplication: None. This is a cross listed course specific to the teacher licensure program and students from anthropology, economics, geography, history, political science, psychology, and sociology, take it at the same time.

Course Revision

POLS 496X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, ECON 496X, GEOG 496X, HIST 496X, PSYC 496X, and SOCI 496X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school levels. PRQ: Admission to the
Course Revision

POLS 596X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, ECON 596X, GEOG 596X, HIST 496X, PSYC 596X, and SOCI 596X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification program and permission of the Department of History’s office of secondary teacher certification. Rationale: To bring the courses in line with changes to the teacher licensure program.

Other Catalog Change

College of Liberal Arts and Sciences ↓
Department of Political Science (POLS, PSPA) ↓
Teacher Certification Professional Educator Licensure – Social Sciences: Political Science Students who want to be certified licensed to teach political science/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History & Social Sciences Secondary Teacher Education Program at the earliest possible opportunity. Certification Educator licensure involves significant requirements in addition to the completion of a degree in political science. Admission Students are admitted to the certification History & Social Sciences Secondary Teacher Education Program when they have established a file with the Department of History’s & Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file; attained junior standing… …minimum GPA of 2.75; passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution; completed at least 6… …at the college/university level; completed the core competency requirements in English and oral communication; completed at least 20 clock hours of approved early clinical experiences; and
met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and

obtained approval from the Department of History’s & Social Sciences Secondary office of Teacher certification Education Program.

Retention
Students admitted… …progress each semester with the Department of History’s & Social Sciences Secondary office of Teacher certification Education Program.

Department Requirements
Students must complete… …POLS 496X, History and Social Science Instruction in Grades 6–12 for Secondary Educators. Except in unusual… …in student teaching.

Other Requirements
Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6–12 for Secondary Educators. Except in unusual… …required for graduation and certification licensure.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (8 semester hours).

The History & Social Sciences Secondary Teacher Education Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History & Social Sciences Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 clock hours of substantial, varied, and sequential clinical experiences prior to student teaching. Students must obtain permission from the Department of History’s office of teacher certification for enrollment in these experiences.

Students must complete course work in human development and learning, techniques of assessment, foundations of education, and integrating exceptional students into the regular classroom. Students should consult with the Department of History’s office of teacher certification to determine which courses are approved for satisfying this requirement.

Placement
The History & Social Sciences Secondary Teacher Education Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

Rationale: These changes are being made in accordance with new state mandates.

DEPARTMENT OF PSYCHOLOGY

New Course
CIP: 42.01
PSYC 401X. THIRD CLINICAL SECONDARY SCHOOL EXPERIENCE IN HISTORY/SOCIAL SCIENCES (1-2). Crosslisted as ANTH 401X, ECON 401X, GEOG 401X, HIST 401, POLS 401X, and SOCI 401X. Discipline-based clinical experiences for prospective secondary teachers in history and social sciences. Observations, evaluation, and practicum on methods and problems in teaching in the discipline. Includes a minimum of 40 clock hours of supervised and formally evaluated experiences in the particular setting likely for the student teaching experience. S/U grading. PRQ: Consent of department. CRQ: HIST 496 (or cross-listed sections).

Rationale: All other secondary teacher certification programs in the College of Liberal Arts and Sciences have changed their third clinical experience course from ILAS 401 to a departmental prefix and number since students meet in discipline-specific sections of the course. The History/Social Sciences program is the only teacher certification program still using the ILAS prefix. The course is coordinated and taught by History Department faculty.

Non-Duplication: None. This is a cross listed course specific to the teacher licensure program and students from anthropology, economics, geography, history, political science, psychology, and sociology, take it at the same time.

Course Revision Page 313, 2013-14 Undergraduate Catalog

PSYC 496X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, ECON 496X, GEOG 496X, HIST 496X, POLS 496X, and SOCI 496X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

Rationale: To bring the courses in line with changes to the teacher licensure program.

Course Revision Page 184, 2013-14 Graduate Catalog

PSYC 596X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, ECON 496X, GEOG 496X, HIST 496X, POLS 596X, and SOCI 596X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

Rationale: To bring the courses in line with changes to the teacher licensure program.

Other Catalog Change Page 310-311, 2013-14 Undergraduate Catalog

College of Liberal Arts and Sciences↓
Department of Psychology (PSYC)

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Teacher Certification Professional Educator Licensure – Social Sciences: Psychology

Students who want to be certified licensed to teach psychology/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History & Social Sciences Secondary Teacher Education Program at the earliest possible opportunity. Certification Educator licensure involves significant requirements in addition to the completion of a degree in psychology.

Admission

Students are admitted to the certification History & Social Sciences Secondary Teacher Education Program when they have

- established a file with the Department of History’s & Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing… …minimum GPA of 2.75;
- passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution;
- completed at least 6… …at the college/university level;
- completed the core competency requirements in English and oral communication;
- completed at least 20 clock hours of approved early clinical experiences; and
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
- obtained approval from the Department of History’s & Social Sciences office of Teacher Certification Education Program.

Retention

Students admitted… …progress each semester with the Department of History’s & Social Sciences Secondary Teacher Certification and Teacher Education Program.

Department Requirements

Students must complete… …PSYC 496X, History and Social Science Instruction in Grades 6-12 for Secondary Educators. Except in unusual… …in student teaching.

Other Requirements

Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6-12 for Secondary Educators. Except in unusual… …required for graduation and certification licensure.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (8 semester hours).

The History & Social Sciences Secondary Teacher Education Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History & Social
Sciences Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 clock hours of substantial, varied, and sequential clinical experiences prior to student teaching. Students must obtain permission from the Department of History’s office of teacher certification for enrollment in these experiences.

Students must complete course work in human development and learning, techniques of assessment, foundations of education, and integrating exceptional students into the regular classroom. Students should consult with the Department of History’s office of teacher certification to determine which courses are approved for satisfying this requirement.

Placement
The History & Social Sciences Secondary Teacher Education Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

Rationale: These changes are being made in accordance with new state mandates.

DEPARTMENT OF SOCIOLOGY

New Course

SOCI 401X. THIRD CLINICAL SECONDARY SCHOOL EXPERIENCE IN HISTORY/SOCIAL SCIENCES (1-2). Crosslisted as ANTH 401X, ECON 401X, GEOG 401X, HIST 401, POLS 401X, and PSYC 401X. Discipline-based clinical experiences for prospective secondary teachers in history and social sciences. Observations, evaluation, and practicum on methods and problems in teaching in the discipline. Includes a minimum of 40 clock hours of supervised and formally evaluated experiences in the particular setting likely for the student teaching experience. S/U grading. PRQ: Consent of department. CRQ: HIST 496 (or cross-listed sections).

Rationale: All other secondary teacher certification programs in the College of Liberal Arts and Sciences have changed their third clinical experience course from ILAS 401 to a departmental prefix and number since students meet in discipline-specific sections of the course. The History/Social Sciences program is the only teacher certification program still using the ILAS prefix. The course is coordinated and taught by History Department faculty.

Non-Duplication: None. This is a cross listed course specific to the teacher licensure program and students from anthropology, economics, geography, history, political science, psychology, and sociology, take it at the same time.
SOCI 496X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, ECON 496X, GEOG 496X, HIST 496X, POLS 496X, and PSYC 496X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

Rationale: To bring the courses in line with changes to the teacher licensure program.

Course Revision

SOCI 596X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 596X, ECON 596X, GEOG 596X, HIST 596X, POLS 596X, and PSYC 596X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

Rationale: To bring the courses in line with changes to the teacher licensure program.

Other Catalog Change

College of Liberal Arts and Sciences
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Department of Sociology (SOCI)
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Teacher Certification Professional Educator Licensure – Social Sciences: Sociology

Students who want to be certified licensed to teach sociology/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History & Social Sciences Secondary Teacher Education Program at the earliest possible opportunity. Certification Educator licensure involves significant requirements in addition to the completion of a degree in sociology.

Admission

Students are admitted to the certification History & Social Sciences Secondary Teacher Education Program when they have

- established a file with the Department of History’s & Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing… …minimum GPA of 2.75;
- passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution;
- completed at least 6… …at the college/university level;
completed the core competency requirements in English and oral communication; completed at least 20 clock hours of approved early clinical experiences; and met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and obtained approval from the Department of History’s & Social Sciences Secondary office of Teacher certification Education Program.

Retention
Students admitted… …progress each semester with the Department of History’s & Social Sciences Secondary office of Teacher certification Education Program.

Department Requirements
Students must complete… …SOCI 496X, History and Social Science Instruction in Grades 6-12 for Secondary Educators. Except in unusual… …enrollment in student teaching.

Other Requirements
Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6-12 for Secondary Educators. Except in unusual… …required for graduation and certification licensure.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (8 semester hours):

The History & Social Sciences Secondary Teacher Education Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History & Social Sciences Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 clock hours of substantial, varied, and sequential clinical experiences prior to student teaching. Students must obtain permission from the Department of History’s office of teacher certification for enrollment in these experiences.

Students must complete course work in human development and learning, techniques of assessment, foundations of education, and integrating exceptional students into the regular classroom. Students should consult with the Department of History’s office of teacher certification to determine which courses are approved for satisfying this requirement.

Placement
The History & Social Sciences Secondary Teacher Education Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

Rationale: These changes are being made in accordance with new state mandates.