

COLLEGE OF LIBERAL ARTS & SCIENCES

APPROVALS

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: May 6, 2009

RE: Request to revise pre- and co-requisites for CHEM 3141 and CHEM 3142

The request to revise pre- and co-requisites for CHEM 3141 and CHEM 3142 was approved by the Chair of the Undergraduate Course and Curriculum Committee on May 5, 2009. **It is approved for implementation Spring Semester 2010.**

Catalog copy:

CHEM 3141. Physical Chemistry. (3) Prerequisites: CHEM 1252 and 1252L, each with a grade of C or better; MATH 1241 and 1242; PHYS 2102 and 2102L. Prerequisite or corequisite: At least one of the following: MATH 2241, 2242, 2164, 2171, ~~3125~~, **STAT 3128**, or a department-approved mathematics course. Quantum chemistry, atomic and molecular structure, spectroscopy. *(Fall)*

CHEM 3142. Physical Chemistry. (3) Prerequisites: CHEM 1252, 1252L and **3141**, each with a grade of C or better; MATH 1241 and 1242; PHYS 2102 and 2102L; **or permission of the instructor**. Prerequisite or corequisite: At least one of the following: MATH 2241, 2242, 2164, 2171, ~~3125~~, **STAT 3128**, or a department-approved mathematics course. Kinetic theory of gases, statistical and classical thermodynamics, kinetics. *(Spring)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences
FROM: Julie Putnam, Program Assistant to Faculty Governance
DATE: April 30, 2009
RE: Request to approve GERM 3150 (The Holocaust in German Literature and Film) as a "W" course

The request to approve GERM 3150 (The Holocaust in German Literature and Film) as a "W" course was approved by the Dean of the University College (Dr. John Smail) and Senior Associate Provost of Academic Affairs (Dr. Jay Raja) on April 22, 2009. It is approved for implementation in the Spring Semester 2010.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences
FROM: Julie Putnam, Program Assistant to Faculty Governance
DATE: April 30, 2009
RE: Request to approve PSYC 3002 (Topics in Psychological Research) as a "W" course

The request to approve PSYC 3002 (Topics in Psychological Research) as a "W" course was approved by the Dean of the University College (Dr. John Smail) and Senior Associate Provost of Academic Affairs (Dr. Jay Raja) on April 22, 2009. It is approved for implementation in the Spring Semester 2010.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences
FROM: Julie Putnam, Administrative Assistant to Faculty Governance
DATE: May 6, 2009
RE: Request to establish PSYC 3002: Topics in Psychological Research

The request to establish PSYC 3002: Topics in Psychological Research was approved by the Chair of the Undergraduate Course and Curriculum Committee on May 5, 2009. **It is approved for implementation Fall Semester 2009.**

Catalog copy:

PSYC 3002. Topics in Psychological Research. (3) (W) Prerequisite: Permission of the instructor. Examination of special psychological topics. Preparation of one or more APA-style research papers required. May be repeated for credit as topics vary.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 30, 2009

RE: Request to revise course descriptions for PHYS 2101 and PHYS 4241

The request to revise course descriptions for PHYS 2101 and PHYS 4241 was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 14, 2009. **It is approved for implementation Spring Semester 2010.**

Catalog copy:

PHYS 2101. Physics for Science and Engineering I. (3) Prerequisite: MATH 1241 with a grade of C or better. Pre- or co-requisite: MATH 1242. ~~Corequisite: PHYS 2101L.~~ First semester of a two semester calculus-based introductory sequence in general physics. Topics include kinematics and dynamics of particles, momentum, work, energy, conservation laws, simple harmonic motion, and mechanics of rigid bodies. Three lecture hours each week. (Fall, Spring, Summer)

PHYS 4241. Quantum Mechanics I. (3) Prerequisites: PHYS 3141, PHYS 3121 (or MEGR 2144), PHYS 3220 (or MATH ~~2242~~, 2241) and MATH 2171, all with a grade of C or better. Topics include blackbody radiation, solutions of the time-independent Schrodinger equation, unbound and bound states, the infinite square well, the harmonic oscillator, the hydrogen atom, spin operators, and the Stern-Gerlach experiment. (Fall)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences
FROM: Julie Putnam, Program Assistant to Faculty Governance
DATE: April 30, 2009
RE: Request to approve PSYC 4691 (Honors Thesis II) as an "O" course

The request to approve PSYC 4691 (Honors Thesis II) as an "O" course was approved by the Dean of the University College (Dr. John Smail) and Senior Associate Provost of Academic Affairs (Dr. Jay Raja) on April 28, 2009. It is approved for implementation in the Spring Semester 2010.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences
FROM: Julie Putnam, Program Assistant to Faculty Governance
DATE: April 10, 2009
RE: Request to approve COMM 2103-002 as an "O" course

The request to approve COMM 2103-002 as an "O" course was approved by the Dean of the University College (Dr. John Smail) and Senior Associate Provost of Academic Affairs (Dr. Jay Raja) on April 2, 2009. It is approved for the 002 section only for implementation Fall Semester 2009.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences
FROM: Julie Putnam, Program Assistant to Faculty Governance
DATE: April 10, 2009
RE: Request to approve CJUS 4000-091 as an "O" course

The request to approve CJUS 4000-091 as an "O" course was approved by the Dean of the University College (Dr. John Smail) and Senior Associate Provost of Academic Affairs (Dr. Jay Raja) on April 2, 2009. It is approved for the 091 section only in the Fall Semester 2009.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences
FROM: Julie Putnam, Administrative Assistant to Faculty Governance
DATE: April 7, 2009
RE: Request to revise the Actuarial Sciences Courses and Program

The request to revise the Actuarial Sciences Courses and Program was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 31, 2009. **It is approved for implementation Spring Semester 2010.**

Summary:

1. Add/change prerequisites to the existing courses: MATH 3128 and MATH 3129
2. Change the course descriptions for MATH 2428, 3128, and 3129.
3. Change the courses required for:
 - a. The BA in Mathematics – Concentration in Actuarial Science
 - b. The BS in Mathematics for Business - Concentration in Actuarial Science
 - c. The minor in Actuarial Mathematics

Catalog copy

MATH 2428. Mathematical Theory of Interest. (3) Prerequisite: MATH 1242 or 2120 ~~or MATH 1242.~~
The measurement of interest: simple, compound, nominal, effective, dollar-weighted, time-weighted, force of interest; yield rates; equation of value; basic and more general annuities amortization schedules and sinking funds. ~~; solution of problems in interest, basic annuities, more general annuities, yield rates, amortization schedules and sinking funds, bonds and other securities.~~ (Fall, Spring, Summer) (Evenings)

MATH 3122. Probability and Statistics I. (3) Prerequisite: MATH 2241 with a grade of C or better.
Sample spaces, random variables, moment generating functions, some standard distributions, multivariate distributions, laws of large numbers, limit theorems. (Fall) (Evenings)

MATH 3123. Probability and Statistics II. (3) Prerequisite: MATH/STAT 3122. Estimation, bias, consistency, efficiency, maximum likelihood estimates, sufficient statistics, testing, the power function, chi square test, Kolmogorov Smirnov test. ~~Credit for mathematics major not given for both MATH 3125 and MATH/STAT 3123.~~ (Spring) (Evenings)

MATH 3128. Actuarial Science I. (3) Prerequisites: MATH 2428 ~~3122~~ or the permission of the department. The mathematical theory of compound interest, term structure of interest, annuities, perpetuities, loans, bonds, stocks, derivative, forwards, futures, short and long positions, call and put options, spreads, collars, hedging, arbitrage, and swaps. ~~The theory and application of contingency mathematics in the life and casualty areas. Probabilistic and deterministic models for annuities and pensions.~~ (Fall) (Spring)

MATH 3129. Actuarial Science II. (3) Prerequisites: MATH 3122 and MATH 3128 or the permission of the department. The theory and application of contingency mathematics in the life and casualty areas, deterministic and probabilistic models for annuities and pensions, additional models of risks and financial transactions. ~~Deterministic and probabilistic models for annuities and pensions, additional models of risks and financial transactions.~~ (Spring) (Fall)

BACHELOR OF ARTS IN MATHEMATICS

A major in Mathematics for the B.A. degree consists of a minimum of 34 hours of approved mathematics, operations research or statistics courses, including MATH 1241, 1242, 2241, 2242, 2164, 2171, 3163, and 3688; 12 additional hours of approved courses numbered 3000 or above; and MATH 3689 or 3791.

A major in Mathematics also requires ITIS 1212, ITIS 1212L, and related work consisting of 18 hours of approved courses in an area outside the Department of Mathematics and Statistics. All students must meet the General Education requirements of the University.

Concentration in Actuarial Science. A Bachelor of Arts degree in Mathematics with an option in Actuarial Science consists of a minimum of 37 34 hours of mathematics and statistics courses including MATH 1241, 1242, 2241, 2242, 2164, 2171, 2428, 3163, 3688, and 3689. Upper-division courses must include MATH 3122, 3123, 3128, and 3129. It is strongly recommended that students also take STAT 3110 or 3150.

The program also requires ITCS 4214 1212 + L and at least 18 hours of related work consisting of ACCT 2121, 2122, ECON 2101, 2102, FINN 3120, and 3271. In addition, it is strongly recommended that students take FINN 3272 or 3273. All students must meet the General Education requirements of the University.

BACHELOR OF SCIENCE IN MATHEMATICS FOR BUSINESS*

A major in Mathematics for Business for the B.S. degree* consists of a minimum of 45 hours of approved mathematics, operations research, or statistics courses, including in its core: MATH 1241, MATH 1242, MATH 2241, MATH 2164, MATH 2171, STAT 2122, STAT 2223, MATH 2428, STAT 3110, OPRS 3111, and MATH 4051. It is recommended and permitted that students take MATH/STAT 3122 and MATH/STAT 3123 in place of STAT 2122 and STAT 2223. Additionally, ITCS 1214 and related work consisting of 18 hours of approved courses in an area outside the Department of Mathematics and Statistics or an officially approved University minor are required. Furthermore, all students must meet the General Education requirements of the University.

Students majoring in Mathematics for Business must select from one of three concentrations:

Concentration in Economics/Finance. A BS degree in Mathematics for Business requires MATH 4122, MATH 4128, STAT 3150, and an additional 3000 or 4000 level course in MATH, STAT, or OPRS.

Concentration in Actuarial Science. A BS degree in Mathematics for Business requires MATH 3128, MATH 3129, STAT 3150 MATH 4128, and an additional 3000 or 4000 level course in MATH, STAT, or OPRS.

Concentration in Operations Research. A BS degree in Mathematics for Business requires OPRS 3112, OPRS 4113, OPRS 4114, and an additional 3000 or 4000 level course in MATH, STAT, or OPRS.

MINOR IN ACTUARIAL MATHEMATICS

A minor in Actuarial Mathematics requires MATH 1241, 1242, 2241, 2164, 2428, 3128, and MATH/STAT 3122 and STAT 3123; and a minimum average GPA of 2.0 in these courses.

Completion of these courses will help prepare the student for the first two actuarial examinations administered by the Society of Actuaries and the Casualty Actuarial Society. The first actuarial exam should be taken after completing MATH 3122/3123, as soon as possible after completing Calculus I, II, III and Linear Algebra, and the second examination after completing MATH 3128. Probability and Statistics II. Further examinations cover material contained in MATH 3129. 3176, OPRS 3111, 3113, and STAT 4123, 4124.

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences
FROM: Julie Putnam, Administrative Assistant to Faculty Governance
DATE: April 10, 2009
RE: Request to establish LTAM 2117 and cross list with ANTH 2117

The request to establish LTAM 2117 and cross list with ANTH 2117 was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 3, 2009. **It is approved for implementation Fall Semester 2009.**

Catalog copy

LTAM 2117. Cultures of the Caribbean. (3) Crosslisted as ANTH 2117. Prerequisites: None. An introduction to society and culture in the Caribbean region. Areas of investigation include ethnicity, nationalism, family and community structure, economy, religion, and politics. *(Yearly)*

MEMORANDUM

TO: Dean Robert Johnson, Lee College of Engineering
FROM: Julie Putnam, Administrative Assistant to Faculty Governance
DATE: April 9, 2009
RE: Request to revise the wording of the French major course requirements at the 4000 level and to change the periodicity of some of the French courses

The request to revise the wording of the French major course requirements at the 4000 level and to change the periodicity of some of the French courses was approved by the Chair of the Undergraduate Course and Curriculum Committee April 3, 2009. **It is approved for implementation Spring Semester 2010.**

Catalog Copy

FREN 2210. Introduction to Business French. (3) Prerequisite: FREN 2201 or permission of the Department. Introduction to spoken and written language of the French-speaking business world. Acquisition of and practice with general commercial terminology used in French for such functional business areas as economics, management, marketing, finance, and import-export. (Alternate to FREN 2202 only for Certificate in Business French) (*Spring On demand*)

FREN 4201. Survey of French Literature I. (3) Prerequisite: FREN 3203. The major literary movements from the Middle Ages to the Enlightenment, with sample texts. Emphasis on continuity and change. (*Fall, odd years*)

FREN 4202. Survey of French Literature II. (3) Prerequisite: FREN 3203. The major literary movements from the Enlightenment to the contemporary period, with sample texts. Emphasis on continuity and change. (*Spring, Fall, even years*)

BACHELOR OF ARTS IN FRENCH

The French major offers two options:

Option A: Requires FREN 2201, 2202, 2207, 3201, 3202, 3203, 3209, ~~4201, 4202~~, and ~~two~~ **four** additional courses at the 4000 level. Related work is to be approved by the Department. Students seeking teacher licensure take this option.

Option B: For students with a double major, this option requires FREN 2201, 2202, 2207, 3201, 3202, 3203, 3209, ~~4201 or 4202, one~~ additional course at the 4000 level, and all courses required for the second major.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 6, 2009

RE: Request to establish POLS 3176: Fascism and Communism

The request to establish POLS 3176: Fascism and Communism was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 20, 2009. **It is approved for implementation Fall Semester 2009.**

Catalog copy:

POLS 3176. Fascism and Communism. (3) The purpose of this course is to consider the philosophies of fascism and communism and those political theorists who contributed to these two twentieth-century movements. This course will also focus on the implementation of these theories in nations such as Italy, Germany, the Soviet Union and China. *(Fall)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 7, 2009

RE: Request to make prerequisite and catalog copy change to CHEM 4171

The request to make prerequisite and catalog copy change to CHEM 4171 was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 31, 2009. **It is approved for implementation Spring Semester 2010.**

Catalog copy:

CHEM 4171. Biochemical Instrumentation. (4) Prerequisites: CHEM **3111**, 4165 and 4165L with a grade of C or better or the permission of the department. Modern instrumental methods used in biorelated areas such as biochemistry, biotechnology, and medical technology. Theory and practice. **Potentiometry, spectrophotometry, electrochemistry, immunochemistry, spectroscopy**, chromatography, sedimentation, and electrophoresis. Two lecture hours and two three-hour laboratory periods per week. *(Spring)*
(Alternate years)

MINOR IN CHEMISTRY

A minor in Chemistry consists of 23 semester hours of chemistry including CHEM 1251, 1251L, 1252, 1252L, 2131, 2131L, 2132, 2132L, ~~either 3111 or 4174~~, and three additional semester hours at the 2000 level or above. A minimum GPA of 2.0 in the minor is required. Credit toward the 23 hour total will not be given for either CHEM 4695 or 4900. Special topics courses such as CHEM 3090 and CHEM 5090 may be included with prior departmental approval.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 7, 2009

RE: Request to re-number MAED 3103, 3105, 3232, & 3252

The request to re-number MAED 3103, 3105, 3232, & 3252 was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 31, 2009. **It is approved for implementation Spring Semester 2010.**

Catalog copy:

MAED 4103 3403. Using Technology to Teach Secondary School Mathematics. (3) Prerequisite: Admission to Teacher Education or consent ~~permission~~ of the department. Technology as a tool for exploring mathematical ideas and representing mathematical concepts, including lab assignments related to using technology throughout the secondary school mathematics curriculum. *(Spring)*

MAED 4105 3405. Geometry in the Secondary School Mathematics Curriculum. (3) Prerequisite: Admission to Teacher Education or consent ~~permission~~ of the department. Study of geometry from synthetic, transformational, and algebraic perspectives including activities and software to enhance the conjecture/theorem/proof process. *(Fall)*

MAED 4232 3232. Teaching Mathematics to Middle School Learners. (3) Prerequisites: Admission to Teacher Education or consent of department ~~and Senior Standing. Corequisite: EDUC 4290.~~ This course is the initial teaching methods course for middle school mathematics teachers. This course focuses on middle school mathematics and its relation to the K-12 curriculum. Topics include the development of teaching strategies and activities in middle school mathematics ~~Preparation to teach mathematics at the middle school level~~ with an emphasis on problem solving, mathematical connections, ~~manipulatives, cultural diversity, communication~~ and assessment, including school-based field experiences. *(Spring)*

MAED 4252 3252. Teaching Mathematics to Secondary School Learners. (3) Prerequisite: Admission to Teacher Education or consent ~~permission~~ of the department. This course is the initial teaching methods course for secondary school mathematics teachers. This course focuses on secondary school mathematics and its relation to the K-12 curriculum. Topics include the development of teaching strategies and activities in middle school mathematics ~~Preparation to teach mathematics at the middle~~

~~school level~~ with an emphasis on problem solving, mathematical connections, ~~manipulatives, cultural diversity,~~ communication and assessment, including school-based field experiences. (Fall)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 7, 2009

RE: Request to eliminate the International Business Concentration for the INTL Minor

The request to eliminate the International Business Concentration for the INTL Minor was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 31, 2009. **It is approved for implementation Spring Semester 2010.**

Catalog copy:

A minor in International Studies requires completion of 18 semester hours (and 6 to 8 hours of foreign language at the 2000 level) with a GPA of 2.5 or better. Students will complete 6 hours of introductory course work and 12 hours from courses in a selected concentration. Students will choose a concentration in African Studies, Asian Studies, European Studies, or Latin American Studies ~~or International Business~~. A self-designed concentration focusing on a particular issue, theme, or region is also available. All students pursuing the minor must have their curriculum approved by the Director of International Studies.

Curriculum:

1) Core courses: Six hours of introductory course work selected from:

INTL 1101 Intro to International Studies (3)

and one of the following:

ANTH 1101 General Anthropology (3)

GEOG 1101 World Regional Geography (3)

POLS 1130 Intro to Comparative Politics (3)

POLS 1150 Intro to International Politics (3)

2) Foreign Language: Six to eight hours of foreign language at the 2201 and 2202 level in a language appropriate to the selected concentration. If 2201 and 2202 courses are not available, 1201 and 1202 in a second appropriate language may be presented.

3) Area Concentration. Twelve hours of related course work appropriate to the selected concentration in African, Asian, European or Latin American Studies (see list of recommended courses). All courses must be chosen from outside the student's major and from at least two departments.

~~For the International Business concentration, three of the four courses (nine hours) must be selected from~~

~~the following in sequence:~~

~~ECON 3171 Int'l Business Economics (3)
MGMT 3274 Int'l Business Processes & Probs (3)
MKTG 3215 Int'l Marketing Management (3)
FINN 3223 Int'l Financial Management (3)~~

~~The fourth course (three hours) may be selected from the list above or from among the following non-business courses:~~

~~AFRS 3265 African Economic Development (3)
ANTH 4120 Intercultural Communications (3)
INTL/POLS 3151 International Political Economy (3)~~

~~Note: Enrollment in courses offered from The Belk College of Business is subject to all class standing and prerequisite requirements of The College. These requirements may be waived or modified by permission of the coordinator of the International Business Program or by the Chairperson of the department offering the course.~~

Self Designed Concentration: Students choosing to focus their study around a particular issue, theme, or region not covered by the other area concentrations may do so with the prior advice and consent of the Director of International Studies and subject to the regular availability of sufficient courses and an appropriate foreign language.

4) Education Abroad. Although not required for the minor, education abroad is encouraged and recommended. The Office of International Programs offers a range of programs of varying duration. Academic credits earned may be applied to the requirements of the minor, subject to approval by the Director.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 6, 2009

RE: Request to drop the related work in biology as requirements for the B.S. Chemistry with biochemistry option for CHEM majors

The request to drop the related work in biology as requirements for the B.S. Chemistry with biochemistry option for CHEM majors was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 31, 2009. **It is approved for implementation Spring Semester 2010.**

Catalog copy:

BACHELOR OF SCIENCE WITH OPTION IN BIOCHEMISTRY

A major in Chemistry with an option in Biochemistry requires a minimum of 44 semester hours of chemistry, including CHEM 1251, 1252, 1251L, 1252L (or 1253L), 2131, 2132, 2131L, 2132L (or 2136L), 3111, 3141, 3142, 3141L, 3142L, 3695, 4165, 4166, 4165L, 4111 or 4171, one semester of 4695, one semester of 4696 and two semesters of 4900 (or BIOL 3900 with special permission from the Department of Chemistry) culminating in a comprehensive written report; related work in mathematics, physics, **and biology** must include MATH 1241, 1242, PHYS 2101, 2102, 2101L, and 2102L, **and BIOL-2120, 2130 and either 3166, 3273, 4171, or 4199**, and two additional math courses: MATH 2241, 2242, 2164, 2171, STAT 3128, or a Department-approved math course.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 6, 2009

RE: Request to establish SOCY 4173: Sociology of Deviant Behavior

The request to establish SOCY 4173: Sociology of Deviant Behavior was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 31, 2009. **It is approved for implementation Fall Semester 2009.**

Catalog copy:

SOCY 4173. Sociology of Deviant Behavior. (3) (W) Prerequisite: SOCY 1101 or permission of instructor. Social definition of deviance; examination of the social processes producing unusual, non-standard, and condemned behavior; and social responses to deviant behavior. *(On demand)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 6, 2009

RE: Request to change course numbering for RELS 2137 to RELS 3137

The request to change course numbering for RELS 2137 to RELS 3137 was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 31, 2009. **It is approved for implementation Spring Semester 2010.**

Catalog copy:

RELS 3137 ~~2137~~. Contemporary African American Religions. (3)

~~African American religion since World War II. Emphasis on the influence of religion and religious leaders in the struggle for a Black humanity. (Alternate years)~~

This course is designed to introduce students to the evolution of black religious thought and culture in American during the 20th century. It emphasizes the rise of the Black Church and its expanding role within black urban communities in America. Another component of the course addresses the emergence of other religious belief systems in contemporary Black culture such as Voodoo, Santeria, Spiritist churches, the Nation of Islam and even Black Judaism. Issues of race, class, gender, identity, and violence will be points of discussion in light of black religious life.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 6, 2009

RE: Request to change prerequisites for SOCY 3153, 4155, & 4156

The request to change prerequisites for SOCY 3153, 4155, & 4156 was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 31, 2009. **It is approved for implementation Spring Semester 2010.**

Catalog copy:

SOCY 3153: Evolution of Sociological Theory. (3) Prerequisite: SOCY 1101. Origins and evolution of fundamental sociological concepts and theories. *(Fall, Spring)*

SOCY 4155. Sociological Research Methods. (4) Prerequisite: SOCY 1101. ~~SOCY 3153 or 3154 or permission of instructor~~. Formulation of research problems; research designs; social measurement; sampling; collection, analysis, and interpretation of data. Three hours of lecture/discussion and completion of weekly laboratory units. *(Fall, Spring)*

SOCY 4156. Quantitative Analysis. (4) Prerequisites: SOCY 1101. ~~SOCY 4155 or permission of instructor~~. Concepts and procedures of sociological analysis; data processing; measurement theory; and quantitative models of analysis. Three hours of lecture/discussion and completion of weekly laboratory units. *(Fall, Spring)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 6, 2009

RE: Request to establish POLS 1173: Political Science Learning Community Freshman Seminar

The request to establish POLS 1173: Political Science Learning Community Freshman Seminar was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 20, 2009. **It is approved for implementation Fall Semester 2009.**

Catalog copy:

POLS 1173. Political Science Learning Community Freshman Seminar. (3) Prerequisite: Admission to the Political Science Learning Community and permission of instructor. The purpose of this course is to introduce the entering Political Science major to the concepts and tools necessary for studying politics in general and the discipline of political science in particular. The

student will learn some critical thinking tools, on-line library skills, and other aspects of political science that will enable the student to more easily negotiate other political science courses. There will be a service component to this class and the possibility of internships. *(Fall)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 3, 2009

RE: Request to revise course descriptions for MSCI courses

The request to revise course descriptions for MSCI courses was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 20, 2009. **It is approved for implementation Spring Semester 2010.**

Catalog copy:

MSCI 1101. Leadership and Personal Development. (1) Introduction to ROTC. ~~(1) Preprofessional corequisite: MSCI 1101L. Introduction to ROTC and the U.S. Army including the rationale of the national defense structure and the mission and the role of the Army. Participation in the physical fitness program is optional. (Fall, Spring)~~ Corequisite: MSCI 1101L. Introduces cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness, and stress management relate to leadership, officership, and the Army profession. Includes instruction in map reading, land navigation, and customs and courtesies of the Army. Notes: Participation in leadership lab is required. There is not military obligation to take this course, open to all UNC Charlotte students. *(Fall)*

MSCI 1101L. Leadership and Personal Development Lab. (1) Introduction to ROTC. ~~(1) Leadership lab. Practical application of the material learned in the corequisite course. (Fall, Spring)~~ Application of Basic Leadership Skills through multiple venues including Drill and Ceremony, Land Navigation, Weapons Familiarization, Basic Rifle Marksmanship, Medical Tasks, Individual Movement Techniques, Employing Claymore Mines, Engaging Target with Hand Grenades, Introduction to the Orders Process, Understanding army Acronyms, Hand and Arm Signals, and Radio Protocol Procedures. *(Fall)*

MSCI 1102. Introduction to Leadership. (1) Pre-professional Corequisite: MSCI 1102L. ~~Learn and apply the principles of self-discipline and self-confidence in activities such as basic drill, physical fitness, rappelling, leadership reaction course, first aid, making presentations, and marksmanship. Participation in the physical fitness program is optional. (Fall, Spring)~~ Overview of Leadership fundamentals such as setting direction, problem-solving, listening, presenting

briefs, providing feedback, and using effective writing skills. Cadets explore dimensions of leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises. Includes instruction in basic tactics. Notes: Participation in leadership lab is required. There is not military obligation to take this course, open to all UNC Charlotte students. *(Spring)*

MSCI 1102L. Introduction to Leadership Lab. (1) ~~Leadership Lab. Practical application of the material learned in the corequisite course. (Fall, Spring)~~ Application of Basic Leadership Skills through multiple venues including Drill and Ceremony, Land Navigation, Weapons Familiarization, Basic Rifle Marksmanship, Medical Tasks, Individual Movement Techniques, Employing Claymore Mines, Engaging Target with Hand Grenades, Introduction to the Orders Process, Understanding army Acronyms, Hand and Arm Signals, and Radio Protocol Procedures. *(Spring)*

MSCI 2101. Individual and Innovative Team Leadership Development. (2) Corequisite: MSCI 2101L. ~~Learn the fundamental of ROTC's Leadership Development Program (LDP). Ethics based training introduces students to military oral presentations, effective writing, and event planning. Map reading techniques are also introduced. Participation in the physical fitness program is optional. (Fall, Spring)~~ Explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework (trait and behavior theories.) Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. Includes instruction in troop leading procedures, tactical movement, battle drills, and offensive and defensive operations. Notes: Participation in leadership lab is required. There is not military obligation to take this course, open to all UNC Charlotte students. *(Fall)*

MSCI 2101L. Individual and Innovative Team Leadership Lab Development. (1) ~~Leadership Lab. Practical application of the material learned in the corequisite course. (Fall, Spring)~~ Application of Intermediate Leadership Skills through multiple venues including Leading Drill and Ceremony, Advanced Land Navigation, Building Terrain Models, Advanced Rifle Marksmanship, Advanced Medical Tasks, Movement Formations, Movement Techniques, Special Teams, Writing Operations Orders, Situation Reporting, Call for Fire, and Introduction to Battle Drills. *(Fall)*

MSCI 2102. Foundations of Tactical Leadership. (1) ~~Individual and Team Military Tactics. (2) Pre-professional~~ Corequisite: MSCI 2102L. ~~Introduction to small-unit tactics. Students will conduct radio communications, do risk assessments and study movement techniques while working with more experienced MSCI 3102 students. Participation in the physical fitness program is optional. (Fall, Spring)~~ Examines the challenges of leading tactical teams in the complex contemporary operating environment (COE). The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army leadership framework explores the dynamics of adaptive leadership in the context of military operations. Includes instruction in terrain analysis, patrolling, tactical orders, route planning, and navigational methods. Notes: Participation in leadership lab is required. There is not military obligation to take this course, open to all UNC Charlotte students. *(Spring)*

MSCI 2102L. Foundations of Tactical Leadership Lab Individual and Team Military Tactics. (1) ~~Leadership Lab. Practical application of the material learned in the corequisite course. (Fall, Spring)~~ Application of Intermediate Leadership Skills through multiple venues including Leading Drill and Ceremony, Advanced Land Navigation, Building Terrain Models, Advanced Rifle Marksmanship, Advanced Medical Tasks, Movement Formations, Movement Techniques, Special Teams, Writing Operations Orders, Situation Reporting, Call for Fire, and Introduction to Battle Drills. *(Spring)*

MSCI 3101. Adaptive Team Leadership ~~Leading Small Organizations I.~~ (3) Pre-professional
Prerequisite: Basic Course Credit. Corequisite: MSCI 3102L. ~~Study in small group leadership, emphasizing public speaking. Each student is given at least five evaluated public speaking opportunities. Studies include staff functions, communications, advanced land navigation, marksmanship, and the advanced tactics. Participation in three one-hour sessions of physical fitness is mandatory. One weekend of exercise is required and three more are optional.~~ (Fall) Challenges cadets to study, practice, and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systematic and specific feedback on their leadership attributes and actions. Based on such feedback, as well as their own self-evaluations, cadets continue to develop their leadership and critical thinking abilities. Includes instruction in squad operations, problem solving, and combat orders. Note: Participation in leadership lab is required. (Fall)

MSCI 3101L. Adaptive Team Leadership Lab ~~Leading Small Organizations I.~~ (1) Leadership Lab.
~~Practical application of the material learned in the corequisite course.~~ (Fall) Challenging scenarios related to small-unit tactical operations are used to develop self awareness and critical thinking skills. The cadet will receive systematic and specific feedback on leadership abilities. Cadets at this level serve as the NCO Corps of the ROTC Battalion; the backbone and executors of the program.

MSCI 3102. Applied Team Leadership. ~~Leading Small Organizations II.~~ (3) Pre-professional
Prerequisite: MSCI 3101. Corequisite: MSCI 2102L. ~~Study in small group leadership, emphasizing written communication. Each student will be given at least five evaluated writing assignments. Studies focus on advanced tactics and leadership training. The course prepares students for Advanced Summer Camp where they compete against students from across the country in leadership ability. Ethical decision-making, and exercises in planning, organizing and executing tactical maneuvers are also areas of study. Participation in three one-hour sessions of physical fitness is mandatory each week. One weekend exercise is required and three others are optional.~~ (Spring) Uses increasingly intense situational leadership challenges to build cadet awareness and skills in leading tactical operations up to platoon level. Cadets review aspects of combat, stability, and support operations. They also conduct military briefings and develop proficiency in garrison operation orders. Includes instruction in platoon operations, stability and support operations, and garrison orders. Designed to prepare third-year students to perform effectively at the Leadership Development and Assessment Course (LDAC). Note: Participation in leadership lab is required. (Spring)

MSCI 3102L. Applied Team Leadership Lab ~~Leading Small Organizations II.~~ (1) Leadership Lab.
~~Practical application of the material learned in the corequisite course.~~ (Spring) Specific instruction is given in individual leader development, planning and execution of small-unit operations, individual and team development, and the Army as a career choice. Prepares cadets for the mandatory 32-day Leader Development and Assessment Course at Fort Lewis, Wash.

MSCI 4101. Developing Adaptive Leaders ~~Ethics and Values of an Army Professional.~~ (3)
Prerequisite: MSCI 3101 and 3102. ~~Pre-professional~~ Corequisite: MSCI 4101L. ~~All training incorporates an emphasis on ethics and values. Plan, conduct, and evaluate activities of the ROTC cadet organization. Study the Army training management, administrative, judicial, and logistical systems with an emphasis on ethical standards, ethical decision-making process, and the professional and moral obligations of military officers. Participation in three one-hour sessions of physical fitness is mandatory each week. Participation in one weekend exercise is required, and three more are optional.~~ (Fall) Develops cadet proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing performance feedback to subordinates. Cadets assess risk, make ethical decisions, and lead fellow ROTC cadets. Lessons on military justice and personnel processes prepare cadets to make the transition to Army officers. Includes instruction in risk management, training management, code of

conduct, rules of engagement, counseling and evaluations. Notes: Participation in leadership lab is required. Mandatory for all senior ROTC students. (Fall)

MSCI 4101L. Developing Adaptive Leaders Lab ~~Ethics and Values of an Army Professional.~~ (1) ~~Leadership Lab. Practical application of the material learned in the corequisite course. (Fall)~~ Students will lead cadets at lower levels. Leadership experiences are designed to prepare them for their first military unit of assignment. Identify responsibilities of key staff members, coordinate staff roles amongst twelve separate universities and colleges that make up the ROTC battalion, and use battalion field/garrison situations to teach, train, and develop subordinates.

MSCI 4102. Leadership in a Complex World. ~~Transition to Lieutenant.~~ (3) Prerequisite: MSCI 4101. ~~Pre-Professional~~ Corequisite: MSCI 4102L.—~~Emphasis is on refining students into well-rounded leaders. Topics include: the role of an officer as a trainer, resolves ethical dilemmas, and refine counseling and motivating techniques. Military Law is a primary focus of the course. Participation in three one-hour sessions of physical fitness is mandatory each week. Participation in one weekend exercise is required, and three more are optional. (Spring)~~—Explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). Cadets examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. They also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. Includes instruction in Army organization and modularity, the platoon command team, a battle analysis, and a staff ride. Notes: Participation in leadership lab is required. Mandatory for all senior ROTC students.

MSCI 4102L. Leadership in a Complex World Lab ~~Transition to Lieutenant.~~ (1) ~~Leadership Lab. Practical application of the material learned in the corequisite course. (Spring)~~—Designed to prepare for first military unit of assignment. Students will identify responsibilities of key staff members, coordinate staff roles amongst twelve separate universities and colleges that make up the ROTC battalion, and use battalion field/garrison situations to teach, train, and develop subordinates. The leadership lab uses case studies, scenarios, and “What Now, Lieutenant?” exercises to prepare students to face the complex ethical and practical demands of leading as a commissioned officer in the United States Army.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: March 9, 2009

RE: Request to make changes in the catalog copy for the M.A. in English

The request to make changes in the catalog copy for the M.A. in English was approved by the Chair of the Graduate Council on March 18, 2009 **It is approved for implementation Fall Semester 2009.**

Catalog Copy:

The master's program in English is designed to accommodate a wide variety of students: those seeking personal enrichment through increased knowledge and understanding; those preparing to pursue a Ph.D. in English or other advanced professional degrees; and those seeking professional advancement in such fields as writing, publishing, or teaching on the primary, secondary, or college levels. The Department offers a broad range of courses in literature, writing/rhetoric, and language, including second language studies and applied linguistics. The Department offers ~~four~~ five M.A. emphases: Literature, ~~Writing/Rhetoric~~, ~~composition/Rhetoric~~, ~~Creative Writing~~, Applied Linguistics, and English for Specific Purposes; in addition, it offers M.A. concentrations in Children's Literature and Technical/Professional Writing.

Additional Admission Requirements

In addition to the general requirements for admission to the Graduate School, the following are required for study in English:

- 1) Thirty hours of undergraduate coursework in English beyond the first-year level, or evidence of equivalent academic preparation for graduate study in English, as approved by the Department.
- 2) A satisfactory score on the Aptitude portion of the Graduate Record Examination or on the Miller Analogies Test.

Degree Requirements

The program requires a minimum of 36 semester hours of graduate credit with grades of A or B. (A course in which a graduate student receives a grade of C is not allowable as part of the 36 required hours.) At least 18 semester hours must be in English courses at the 6000-level, open only to graduate students. A student must choose an emphasis or concentration from the following offerings:

- Emphases: ~~L~~Literature, ~~w~~writing/~~r~~rhetoric, ~~C~~omposition/Rhetoric, ~~C~~reative Writing, ~~a~~Applied linguistics, English for Specific Purposes
- Concentrations: ~~e~~Children's ~~L~~Literature, ~~t~~Technical/~~p~~Professional ~~w~~Writing

Note: While concentrations are reflected on students' transcripts, emphases are not.

Courses beyond 36 hours of graduate credit may be required to remove deficiencies or to satisfy requirements for graduate licensure, or may be recommended to develop areas of need, to pursue particular interests, or to gain specific experience.

Of the 36 hours of graduate credit, 30 must be in English courses; the remaining 6 hours may be taken in English or in another discipline. If the hours are to be taken outside of English, the student must submit a written request to the Coordinator of Graduate Studies, explaining how these hours will enrich his/her program.

No more than 6 hours of ENGL 6890 (Directed Reading), may be applied to the degree without written permission of the Chair of the Department.

Assistantships

A number of graduate assistantships are available each year. Applications must be submitted by March 15 for assistantships beginning the following academic year. Further information is available in the Department.

Internships

ENGL 5410. The Department of English offers a number of internships for graduate students (limited to 3 hours of credit), which provide program-related experience in local television and radio stations, non-profit and government agencies, and local businesses and corporations. Further information is available in the Department.

Advising

The graduate coordinator and other graduate faculty member acting as his/her designated assistant will advise graduate students.

Licensure

For information on licensure in English, please see the requirements of the M. A. in English Education program. [For information on licensure to teach English to non-native speakers, see the requirements for the M.A. in Teaching English as a Second Language.](#)

~~Comprehensive Examination~~

~~Students must satisfactorily complete a written examination based on a reading list keyed to their chosen emphasis or concentration. These lists are available in the Department office. The written examination may not be attempted sooner than the last semester of coursework, exclusive of thesis credits. The reading lists were revised for students entering the program in Spring 2002 and thereafter.~~

Master's Thesis

The M.A. thesis is optional; it may be either scholarly or creative. [Students who choose to write a thesis will consult with the Coordinator of graduate Studies in English, who will appoint a thesis committee comprising a director and two faculty readers. For more information on the M.A. thesis, see the course description for ENGL 6996.](#)

Tuition Waivers

Each year, at least one out-of-state tuition waiver is available for a new graduate assistant. In-state tuition waiver funds are also available for new graduate assistants and sometimes

for other outstanding applicants.

Core Courses

All M.A. candidates, regardless of which concentration or emphasis is chosen, are required to take ENGL 6101 (Introduction to English Studies) and ENGL 6160 (Introduction to the English Language).

Emphasis and Concentration Descriptions

The Literature Emphasis

~~The literature emphasis includes five literature courses, at least three of which are historically oriented. Two of these courses must be in one national literature and a third in a different national literature. One course must treat literature written before 1800. In addition, one writing/rhetoric course, one literary theory-intensive course, and three elective courses are required.~~

The literature faculty are committed to teaching a variety of national, and ethnic literatures in English, including British, American, and Anglophone literatures. The literature emphasis requires a total of 36 hours with courses meeting the following requirements: three historically-oriented literature courses; two courses in one national literature and one course in another national literature; and one course in literature written before 1800. In addition, students must take one writing/rhetoric course and one literary-intensive course.

Required Comprehensive Examination in the Literature Emphasis

All students in the literature emphasis must satisfactorily complete a written examination based on a reading list proposed by the student and approved by the Graduate Committee. Information about this list is available in the Department office. The written examination may not be attempted sooner than the last semester of coursework, exclusive of thesis credits. The examination procedure will be implemented for students entering the program in Fall of 2008 and thereafter.

Master's Thesis

For descriptions of the Master's thesis, see "Master's Thesis" above and the course description for ENGL 6996. Students electing the thesis option will use the six hours of thesis credit to replace one elective and another course, chosen in consultation with the English Graduate Coordinator.

The Writing/Rhetoric Emphasis

~~The writing/rhetoric emphasis includes four writing/rhetoric courses, one writing/rhetoric theory-intensive course, two literature courses, and three elective courses. The writing/rhetoric emphasis may focus on creative writing, technical/professional writing, or writing and pedagogy.~~

Applied Linguistics Emphasis

Linguistics is a broad field, and the applied linguistics emphasis offers students the opportunity to apply linguistics concepts to a broad range of endeavors, including the teaching of writing, adult English language instruction, and various types of textual analyses.

The Applied Linguistics emphasis includes two writing/rhetoric courses, two literature courses, and:

ENGL 6127 Seminar in Language, Culture and Society

ENGL 6161 Introduction to Linguistics

ENGL 6163 Language Acquisition

In addition, students will choose two courses from the following:

ENGL 5050 Topics in English (Linguistics topic; must be approved by the English Graduate Coordinator)

ENGL 5254 Teaching English/Communications Skills to Middle and Secondary School Learners

ENGL 6070 Topics in English (Linguistics topic; must be approved by the English Graduate Coordinator)

ENGL 6162 History of the English Language

ENGL 6164 Comparative Language Analysis for Teachers

ENGL 6165 Introduction to English for Specific Purposes

ENGL 6167 Research Methods in Applied Linguistics

Project/Thesis

All students in the Applied Linguistics emphasis must submit either a project or a thesis to satisfy requirements for the degree.

Project

Students electing to submit a project to satisfy this requirement will enroll in a three-hour directed readings (ENGL 6890) leading to the production of a project. *[Note: see the Coordinator of Graduate Studies in English for details on the requirements for this project.]*

Thesis

Students electing to submit a thesis to satisfy this requirement should consult with the Coordinator of Graduate Studies in English, who will appoint a thesis committee comprising a director and two faculty readers. Since the thesis carries six hours of credit, students electing the thesis option will take only one course from the optional courses listed above. *[Note: students will consult with the Coordinator of Graduate Studies in English, who must approve their choice of which course to take from this list.]*

The English for Specific Purposes Emphasis

The English for Specific Purposes emphasis includes three required courses:

ENGL 6165 Intro to English for Specific Purposes

ENGL 6167 Research Methods in Applied Linguistics

ENGL 6168 Practicum in English for Specific Purposes

In addition, students will choose four electives from the following:

- ENGL 5050 Language and the Professions
- ENGL 6070 Topics in English (linguistics topic; *approval of Graduate Coordinator required*)
- ENGL 6127 Seminar in Language, Culture and Society
- ENGL 6161 Intro to Linguistics for Teachers
- ENGL 6162 History of the English Language
- ENGL 6163 Language Acquisition

~~and three elective English and/or TESL courses for which approval of the Graduate Coordinator is required.~~

Students must select two elective English and/or TESL courses for which approval of the Coordinator of Graduate Studies in English is required.

Students will also be required to demonstrate proficiency at the intermediate level or higher in a language other than English ~~and to prepare a research-based M.A. thesis.~~

Technical/Professional Writing Concentration

Students accepted into the M.A. in English program may elect a concentration in Technical/Professional Writing. This concentration will be designated on the student's transcript. The curriculum includes courses that 1) provide students with an understanding of the theoretical and rhetorical foundation of the field, 2) introduce students to the methods and results of research in the field, 3) offer students an opportunity to practice theory and research through project work for clients, 4) address technology and science as socially-constructed disciplines, and 5) help students build skills in written and oral communication, project management, and teamwork.

Required courses include:

ENGL 5180 Theories of Technical Communication

ENGL 5410 Professional Internship

ENGL 6116 Technical/Professional Writing (this class should be taken in the first year)

ENGL 6166 Rhetorical Theory

In addition, students will choose three courses from the following:

ENGL 5008 Topics in Advanced Technical Communication

ENGL 5181 Writing User Documents

ENGL 5182 Writing and Designing Computer Based Documents

ENGL 5183 Editing Technical Documents

ENGL 6008 Topics in Advanced Technical Communication (may be repeated for credit)

Lastly, students will choose two elective courses. *[Note: the permission of the Coordinator of Graduate Studies in English needed for courses outside the Department of English.]*

Project/Thesis

All students in the Technical/Professional Writing concentration must submit either a project or a thesis to satisfy requirements for the degree.

Project

Students electing to submit a project to satisfy this requirement will enroll in a three-hour directed readings (ENGL 6890) leading to the production of a project. *[Note: see the Coordinator of Graduate Studies in English for details on the requirements for this project.]*

Thesis

Students electing to submit a thesis to satisfy this requirement should consult with the Coordinator of Graduate Studies in English, who will appoint a thesis committee comprising a director and two faculty readers. Since the thesis carries six hours of credit, students electing the thesis option will take only one three-hour elective course.

The Children's Literature Concentration

This concentration is premised on the assumptions that children's literature is an integral part of many literary traditions and that students studying children's literature should develop an understanding of the connection between children's literature and other forms of literature.

Students will take: [two courses in literature \(other than Children's Literature\)](#), [two courses in writing/rhetoric](#) and:

~~6 hours in literature (not Children's Literature)~~

~~6 hours in writing/rhetoric~~

~~ENGL 6103 Juvenile Literature~~

~~12 hours selected from: 5102, 5103, 5104, 6104, 6890, 6996, 6070 (Children's Literature Winners), 5050 (topics that relate to Children's Literature), READ~~

~~6100, EDUC 5000 (Children's Literature across the Curriculum)~~

[ENGL 6103 The Worlds of Juvenile Literature](#)

[12 hours selected from:](#)

ENGL 5050 Topics in English (topics that relate to Children's Literature)

ENGL 5102 Classics in British Children's Literature

ENGL 5103 Classics in American Children's Literature

ENGL 6070 Topics in English (Children's Literature Winners)

ENGL 6104 Major Figures in Children's Literature

ENGL 6890 Directed Readings

ENGL 6996 Thesis (6 hours)

READ 6100 Current Issues and Practices in Literacy

EDUC 5000 Topics in Education (topics that relate to Children's Literature)

3 hours of an English elective

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 3, 2009

RE: Request to delete obsolete concentration codes in HIST

The request to delete obsolete concentration codes in HIST was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 26, 2009. **It is approved for implementation Fall Semester 2009.**

Summary:

The History Department requests that the Registrar no longer assign these codes. The Department proposes to phase out these codes through matriculation.

- Remove HCSS-History Comprehensive Social Studies
- Remove HIST-History

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 3, 2009

RE: Request to establish INTL 3115/COMM 3126: Globalization and Digital Media

The request to establish INTL 3115/COMM 3126: Globalization and Digital Media was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 20, 2009. **It is approved for implementation Fall Semester 2009.**

Catalog copy:

INTL 3115. Globalization and Digital Media. (3) Crosslisted as COMM 3126. An analysis of the role and impact of digital media on globalization. The course considers how the internet and social networks have changed our connection from a physical global society to a virtual culture and explores the ways in which digital communication has fostered the globalization of artistic styles, cultural forms, political relationships and economic transactions. *(Yearly)*

COMM 3126. Globalization and Digital Media. (3) Crosslisted as INTL 3115. An analysis of the role and impact of digital media on globalization. The course considers how the internet and social networks have changed our connection from a physical global society to a virtual culture and explores the ways in which digital communication has fostered the globalization of artistic styles, cultural forms, political relationships and economic transactions. *(Yearly)*

(Note: Add COMM 3126/INTL 3115 as elective course in the Mass Media track of the B.A. in Communication Studies:

Mass Media (12 hours)

The Mass Media concentration is designed for students interested in the development and critical analysis of the media as a cultural force. Contemporary issues in media criticism are explored. Students may also receive limited exposure to media production.

Students choosing this concentration complete the following courses:

COMM 3120 Communication and Mass Media (3)
COMM 4101 Media and the Law (3)

Students will complete six hours selected from the following courses:

ARTA 2219 History of Photography (3)
COMM 2120 Black Images in the Media (3)
COMM 3052 Topics in Mass Media (3)
COMM 3121 Mass Communication and Society (3)

COMM 3126/INTL 3115 Globalization and Digital Media (3)

COMM 3880 Independent Study (1-3)*
COMM 4102 Federal Interpretation of the First Amendment (3)
COMM 4410 Professional Internship (3)*
ENGL 2106 Film Criticism (4)
FORL 3160 European Cinema (3)
FREN 4050 Topics in French Film (3)
GERM 3160 Survey of German Films (3)
HIST 3010 American History & Culture through Film (3)
JOUR 2160 Introduction to Journalism (3)
JOUR 3160 News Writing (3)
JOUR 3161 News Editing (3)
POLS 3104 Mass Media and Government (3)
RELS 3212 Film and Identity (3)
SOCY 2112 Popular Culture (3)

* *with approval of advisor*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: April 1, 2009

RE: Request to discontinue BIOL 2120L and change BIOL 2130L to a 2 credit hour course

The request to discontinue BIOL 2120L and change BIOL 2130L to a 2 credit hour course was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 20, 2009. **It is approved for implementation Fall Semester 2009.**

Proposed Catalog Copy:

- Remove BIOL 2120L from the Biology Department's course offerings
- Remove BIOL 2120L from any course pre- or co-requisites
- Remove BIOL 2120L from the suggested curriculum for all degree programs

BIOL 2130L. General Biology II Laboratory. (1) (2) Prerequisite and/or corequisite: a grade of C or better in BIOL 2120 ~~and BIOL 2120L~~. Corequisite or prerequisite: BIOL 2130. Population ecology, evolution, phylogenetics, invertebrate biology, animal and plant physiology. ~~One three-hour laboratory period per week.~~ **Meets twice per week, once for 1 hr 15 min in a recitation and then again for 2 hr 45 min in a laboratory.** (Spring, Summer)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: March 9, 2009

RE: Request to make curriculum changes in the Organizational Science Ph.D. program

The request to make curriculum changes in the Organizational Science Ph.D. program was approved by the Graduate Council on February 11, 2009 and by the

Faculty Council on the February 16, 2009 Consent Calendar. **It is approved for implementation First Summer Session 2009.**

Summary.

- Moving from 78 credits to 77 credits
- OS practicum is optional rather than required
- Our comprehensive examination requirement is the same, but is now called qualifying examination
- Changed required dissertation credits from 6 to 12 hours.
- Dropped catalog text that did not really add anything: “There is no language requirement in the Organizational Science Ph.D. degree. Each student will take 27 research credits.”
- Made very minor modifications to some course descriptions (8610, 8611, 8620, 8621). These basically entailed adding more illustrative examples of potential content into the course descriptions. The courses are fundamentally the same.
- OSCI 8206 Qualitative Research Methods was amended in a more substantive way. We will attach a syllabus to illustrate.
- Did some minor restructuring, some required classes have moved to elective status (OSCI 8002, 8003, 8102, 8130, 8207), we added **2 new courses (8100, 8208)**, and increased elective options and amount required.

Original	Revised
<p>Curriculum</p> <p>The curriculum has 3 major curricular components: (1) Core Organizational Science; (2) Research; (3) Electives/Advanced Seminars.</p>	<p>Courses</p> <p>The curriculum has 2 major curricular components: (1) Core Organizational Science and Research; (2) Electives/Advanced Seminars.</p> <p><u>Core Organizational Science and Research (53</u></p>

<u>Core Organizational Science (33 Credits)</u>	<u>Credits)</u>
OSCI 8000 Organizational Science Overview (3)	OSCI 8000 Organizational Science Overview (3)
OSCI 8002 Ethics and Professional Issues in Org Science (2)	OSCI 8100 Organizational Science Lab (1-2)
OSCI 8003 Writing & Publishing in Organizational Science (1 or 2)	OSCI 8610 Micro Organizational Science I (3)
OSCI 8610 Micro Organizational Science I (3)	OSCI 8611 Macro Organizational Science I (3)
OSCI 8611 Macro Organizational Science I (3)	OSCI 8620 Micro Organizational Science II (3)
OSCI 8620 Micro Organizational Science II (3)	OSCI 8621 Macro Organizational Science II (3)
OSCI 8621 Macro Organizational Science II (3)	OSCI 8001 Current Topics and Events in Organizational Science (1 cr, 7 cr. Required) Note, if OS overview does not include a lab, 8 credits will be required.
OSCI 8130 Social Psychology (3)	OSCI 8103 Research Design and Quantitative Methods II (3)
OSCI 8477 Organizational Science Practicum (1-6, 6 required)	OSCI 8205 Field and Lab Based Quantitative Research Methods (3)
OSCI 8001 Current Topics & Events in Org Science (1, 6 Required)	OSCI 8206 Qualitative Research Methods (3)
	OSCI 8208 Advanced Qualitative Data Analysis (3)
	OSCI 8948 Independent Pre-Doct Organizational Science Research Project I (3)
<u>Research (27 Credits)</u>	OSCI 8949 Independent Pre-Doct Organizational Science Research Project II (3)
OSCI 8102 Research Design and Quantitative Methods I (3)	OSCI 8998 Organizational Science Dissertation I (6)
OSCI 8103 Research Design and Quantitative Methods II (3)	OSCI 8999 Organizational Science Dissertation II (6)
OSCI 8205 Field and Lab Based Quantitative Research Methods (3)	
OSCI 8206 Qualitative Research Methods	<u>Electives (24 Credits)</u>

(3)

OSCI 8207 Psychometrics (3)

OSCI 8948 Independent Pre-Doct Org Science Research Project I (3)

OSCI 8949 Independent Pre-Doct Org Science Research Project II (3)

OSCI 8998 Organizational Science Dissertation I (3)

OSCI 8999 Organizational Science Dissertation II (3)

Electives (18 Credits)

Each student will choose 18 credit hours from the courses

listed below. Choices are dictated by interests, dissertation

topics and methodology, and goals for professional

employment.

OSCI 8630 Micro Seminar in Organizational Science (3, repeated up to 3 times)

OSCI 8640 Macro Seminar in Organizational Science (3, repeated up to 3 times)

OSCI 8650 Research Methods Seminar in Organizational Science (3, repeated up to 3 times)

OSCI 8899 Organizational Science Readings and Research (1-3, maximum of 9)

Take 24 credits from the following core set of electives

OSCI 8630 Micro Seminar in Organizational Science (3 , repeated up to 3 times)

OSCI 8640 Macro Seminar in Organizational Science (3 , repeated up to 3 times)

OSCI 8650 Research Methods Seminar in Organizational Science (3 , repeated up to 3 times)

OSCI 8207 Psychometrics (3)

OSCI 8130 Social Psychology (3)

OSCI 8002 Ethics and Professional Issues in Org Science (2)

OSCI 8003 Writing & Publishing in Organizational Science (1 or 2)

OSCI 8899 Organizational Science Readings and Research (1-3cr, maximum of 6 cr. can count for this elective unless approved by the Director. However, there is no limit on the amount of readings and research credits a student can take)

Content electives outside of OS (e.g., strategy, decision making) or methods courses (multivariate, social networking, categorical methods, SEM, longitudinal) outside of OS that have approval of the program director can also serve as electives. These "outside" courses will typically originate from Psychology, Sociology, Communication Studies and the College of Business. They must be at the 6000 or 8000 level.

A student can take up to 9 credits in disciplines outside of

Organizational Science. To count toward the elective credit, each class must be approved by the program director. The must be at the 6000 or 8000 level. These “outside” courses will typically originate from Psychology, Sociology, Communication Studies, and the College of Business.

Proposed Catalog Copy.

Degree Requirements and Notes

1. 77 hours (post baccalaureate) will be required.
2. Graduate students must have a 3.0 GPA in the courses on their degree plan of study in order to graduate. More than two grades of C or one U will result in termination from the program.
3. Students who have taken graduate coursework but have not earned graduate degrees may transfer in up to six semester hours of coursework. Students who have earned master’s degrees may transfer up to thirty semester hours.
4. Beyond the 30 hours that students with a Masters degree can transfer into the program, all coursework that will count toward the Ph.D. will be 6000-level or above. The majority of the coursework will be at the 8000 level.
5. Master’s thesis or Independent Pre-Doctoral Research Project required.
6. A qualifying exam is required. Failure to pass the qualifying examination after two attempts will result in termination from the Graduate Program.
7. A Dissertation is required.
8. An organizational science practicum is optional.

9. Each year a student will have a performance appraisal assessment.
10. A student may choose a disciplinary “emphasis” (e.g., an emphasis in Business, Sociology, Psychology or Communication Studies). An emphasis includes three discipline-specific courses. A disciplinary emphasis would provide an opportunity for a student to combine interdisciplinary training with a core disciplinary specialization. Students preparing for careers in academia may benefit most from having such an emphasis. Students may choose to not have an “emphasis” and instead take electives that span across all disciplines. Program director approval is needed in order to count a course toward an emphasis.
11. A student can consider co-enrolling in other MA programs at UNC Charlotte.
12. Students must complete their degree, including dissertation, within eight years

Courses

The curriculum has 2 major curricular components: (1) Core Organizational Science and research; (2) Electives/Advanced Seminars.

Core Organizational Science and Research (53 Credits)

OSCI 8000 Organizational Science Overview (3)

OSCI 8100 Organizational Science Lab (1-2)

OSCI 8610 Micro Organizational Science I (3)

OSCI 8611 Macro Organizational Science I (3)

OSCI 8620 Micro Organizational Science II (3)

OSCI 8621 Macro Organizational Science II (3)

OSCI 8001 Current Topics and Events in Organizational Science (1, 7 cr. Required)
Note, if OS overview does not include a lab, 8 credits will be required.

OSCI 8103 Research Design and Quantitative Methods II (3)

OSCI 8205 Field and Lab Based Quantitative Research Methods (3)

OSCI 8206 Qualitative Research Methods (3)

OSCI 8208 Advanced Qualitative Data Analysis (3)

OSCI 8948 Independent Pre-Doct Organizational Science Research Project I (3)

OSCI 8949 Independent Pre-Doct Organizational Science Research Project II (3)

OSCI 8998 Organizational Science Dissertation I (6)

OSCI 8999 Organizational Science Dissertation II (6)

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Electives (24 Credits)

Take 24 credits from the following core set of electives

OSCI 8630 Micro Seminar in Organizational Science (3, repeated up to 3 times)

OSCI 8640 Macro Seminar in Organizational Science (3, repeated up to 3 times)

OSCI 8650 Research Methods Seminar in Organizational Science (3, repeated up to 3 times)

OSCI 8207 Psychometrics (3)

OSCI 8130 Social Psychology (3)

OSCI 8002 Ethics and Professional Issues in Org Science (2)

OSCI 8003 Writing & Publishing in Organizational Science (1 or 2)

Other options

- OSCI 8899 Organizational Science Readings and Research (1-3, maximum of 6 cr. can count for this elective unless approved by the Director. However, there is no limit on the amount of readings and research credits a student can take)
- Content (e.g., strategy, decision making) or methods courses (multivariate, social networking, categorical methods, SEM, longitudinal) outside of OS that have approval of the program director can also serve as electives. These “outside”

courses will typically originate from Psychology, Sociology, Communication Studies and the College of Business. They must be at the 6000 or 8000 level.

Course Descriptions

OSCI 8000. Organizational Science Overview. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Provides broad overview of the field of Organizational Science including its historical foundations. Each week is a mini-seminar on a particular topic within the field. *(Fall)*

OSCI 8001. Current Topics and Events in Organizational Science (1) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. New and innovative research and practice topics related to Organizational Science will be discussed/delivered/facilitated by student researchers, faculty and invited speakers. These “cutting edge” topics will span all of micro and macro organizational science and will change each semester. Pass/no credit grading. May be repeated for credit. *(Fall, Spring)*.

OSCI 8002. Ethics and Professional Issues in Organizational Science (2) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Discusses ethical standards in professional practice, testing, research; business ethics; expectations and problems confronting organizational science practitioners in industrial and professional organizations. *(Fall)*

OSCI 8003. Writing & Publishing in Organizational Science. (1-2) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Seminar to enhance effective technical/scientific writing (e.g., learning APA style, presentation of statistical analyses) and understanding the publication process (e.g., selecting an appropriate outlet, preparing a manuscript, the review process). Students will actively engage in writing as well as the review process (as both a reviewer and author). *(Fall)*

OSCI 8100 Organizational Science Lab.. (1-2) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor and co-enrollment in OSCI 8000. Special topics seminar connected with the Organizational Science Overview course (typically taught by the same instructor). Topics cover the field of Organizational Science. Science/practice/research issues emphasized. The instructor determines whether the class is taken for a letter grade or Pass/No credit (*Fall*)

OSCI 8102. Research Design and Quantitative Methods I. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. An overview of basic experimental and covariation research designs and the application of descriptive and inferential statistics to the designs. The focus will be on univariate designs, including simple and complex group comparisons, and basic correlational and linear regression strategies. (*Fall*)

OSCI 8103 Research Design and Quantitative Methods II. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. An introduction to advanced experimental and covariation research strategies. The focus will be on a thorough exploration of applied multiple regression analysis. A brief introduction to selected multivariate models such as discriminant analysis, multivariate analysis

OSCI 8130. Social Psychology. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Human social behavior; topics include affiliation, person perception, conformity and attitudes. (*yearly*)

OSCI 8205. Field and Lab Based Quantitative Research Methods. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Examines quantitative approaches to Organizational Science research such as experimental designs, quasi-experimental designs, organizational surveys, longitudinal models and field research. (*Yearly*)

OSCI 8206. Qualitative Research Methods. (3) Prerequisites: Full graduate standing in the Ph.D. program in Organizational Science or consent of the instructor. OSCI 8206 examines foundational approaches, paradigmatic debates and arguments, processes and practices germane to qualitative research in Organizational Science. Topics

include, but not limited to, grounded-theory, ethnography, case study research, phenomenology, and participatory-action research. (*Yearly*)

OSCI 8207. Psychometrics. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Presents an introduction to classical and modern test theory and methods. Theoretical and statistical bases for the measurement of psychological constructs are covered including Classical True Score Theory, reliability and validity inferences, item response theory, scaling, and an introduction to factor analysis. (*Yearly*)

OSCI 8208 Advanced Qualitative Data Analysis. (3) Prerequisites: OSCI 8206 or consent of the instructor. This course extends the foundational approaches presented in OSCI 8206 to provide advanced instruction on the assumptions, contingencies, techniques, and practices of computer-supported qualitative data analysis systems (CAQDAS). Students will work with several advanced software packages that facilitate the management, analysis, and display of qualitative data. (*Yearly*).

OSCI 8477. Organizational Science Practicum. (1-6) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Practical experience/Internship in an organizational setting. With permission from the program director, a research assistantship on a grant can fulfill this requirement. Pass/no credit grading. May be repeated for credit. (*Fall, Spring, Summer*).

OSCI 8610. Micro Organizational Science I. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Examines research, theory and application regarding individual differences (e.g., abilities, personality, communication styles); assessment (e.g., tests, inventories, interviews, assessment centers); criterion development (e.g., job analysis, competency modeling, performance models); organizational staffing processes (i.e., recruitment, selection, succession planning, careers and retirement) and key employment law (*Yearly*)

OSCI 8611. Macro Organizational Science I. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Examines research, theory and application on the following topics: motivation (e.g., goal setting, empowerment, citizenship behavior); communication systems and processes (e.g.,

social networks, information transmission); leadership (e.g., transformation leadership, superior-subordinate interaction); employee attitudes (e.g., justice, commitment, support)

stress and emotions/work-life' teamwork (e.g., group processes, groupthink); decision making (e.g., cognitive biases, sensemaking, cognitive heuristics); and organizational climate (*Yearly*)

OSCI 8620. Micro Organizational Science II. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Examines research, theory and application regarding post-entry personnel issues such as job design; training and development; performance management and appraisal; employee socialization/mentoring; and diversity/inclusion (*Yearly*)

OSCI 8621. Macro Organizational Science II. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Examines research, theory and application on the following topics: organizational structure; organizational change/development/downsizing; organizational learning and knowledge management; organizational culture; organizational theory (e.g., human relations, bureaucracy, systems theory); relations between organizations and their environment (e.g., stakeholder management, institutional theory); and strategy (*Yearly*)

OSCI 8630. Micro Seminar in Organizational Science. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Examination of special topic(s) germane to Micro Organizational Science. The seminar may focus on one or a small number of topics salient to this area. Extensive reading and discussion of topics from multiple perspectives. May be repeated for credit for different topics. May be repeated for credit. (*on demand*)

OSCI 8640. Macro Seminar in Organizational Science. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Examination of special topic(s) germane to Macro Organizational Science. The seminar may focus on one or a small number of topics salient to this area. Extensive reading and discussion of topics from multiple perspectives. May be repeated for credit for different topics. May be repeated for credit. (*on demand*)

OSCI 8650. Research Methods Seminar in Organizational Science.

(3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Examination of special topic(s) germane to research methods in Organizational Science. The seminar may focus on one or a small number of topics that define this area (e.g., a data analytic technique, a methodological approach). Extensive reading and discussion of topics from multiple perspectives. May be repeated for credit. (*on demand*)

OSCI 8899. Organizational Science Readings and Research. (1-3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Research and/or reading on a topic agreed on by a student and a faculty member. Pass/no credit grading. May be repeated for credit. (*Fall, Spring, Summer*).

OSCI 8948. Independent Pre-Doctoral Organizational Science Research Project I.

(3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Identification of a focused research question and development of a research proposal comparable in scope to a Master's thesis. Conducted under the direction of a research chair and committee. Pass/no credit grading. May be repeated for credit. (*Fall, Spring, Summer*).

OSCI 8949. Independent Pre-Doctoral Organizational Science Research Project II.

(3) Prerequisites: OSCI 8948 and full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Research and defense of on an Independent Pre-Doctoral Research Project conducted under the direction of a research chair and committee. Pass/no credit grading. May be repeated for credit. (*Fall, Spring, Summer*).

OSCI 8998. Organizational Science Dissertation I. (3) Prerequisites: Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Identification of a research question and development of the proposal for a research study appropriate a dissertation project. Conducted under the direction of a research chair and committee. Pass/no credit grading. May be repeated for credit. (*Fall, Spring, Summer*).

OSCI 8999. Organizational Science Dissertation II. (3) Prerequisites: OSCI 8998 and Full graduate standing in the Organizational Science Ph.D. program or consent of the instructor. Research and defense of on an Independent Dissertation Project conducted under the direction of a research chair and committee. Pass/no credit grading. May be repeated for credit. (*Fall, Spring, Summer*).

OSCI 9999. Doctoral Degree Graduate Residence

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: March 9, 2009

RE: Request to make changes in the required courses for the Professional/Technical Writing Concentration in the M.A. in English

The request to make changes in the required courses for the Professional/Technical Writing Concentration in the M.A. in English was approved by the Graduate Council on February 11, 2009 and by the Faculty Council on the February 16, 2009 Consent Calendar. **It is approved for implementation First Summer Session 2009.**

SUMMARY.

The English Department proposes to make the following changes in the Professional/Technical Writing Concentration of the M.A. in English degree:

1) ENGL 6116 Technical/Professional Writing would be added as a requirement; ENGL 6008 Topics in Advanced Technical Communication would be moved from the required category to an elective category.

2) The following courses would be deleted as choices in the list of courses from which students must choose three courses:

ENGL 5204 Expository Writing

ENGL 5205 Advanced Expository Writing

ENGL 5852 Independent Study

ENGL 6062 Topics in Rhetoric

ENGL 6890 Directed Reading

ENGL 6996 Thesis

Up to 6 hours of Creative Writing, Literature, or Linguistics

3) 6 hours of open electives (with the permission of the Graduate Coordinator) would be added.

CATALOG COPY

The revised course description for the Applied Linguistics Emphasis will read as follows:

The Technical/Professional Writing Concentration

Students accepted into the M.A. in English program may elect a concentration in Technical/Professional Writing. This concentration will be designated on the student's transcript. The curriculum includes courses that 1) provide students with an understanding of the theoretical and rhetorical foundation of the field, 2) introduce students to the methods and results of research in the field, 3) offer students an opportunity to practice theory and research through project work for clients, 4) address technology and science as socially-constructed disciplines, and 5) help students build skills in written and oral communication, project management, and teamwork.

Required courses include:

- ENGL 5180 Theories of Technical Communication
- ENGL 5410 Professional Internship
- ENGL 6116 Technical/Professional Writing

(this class should be taken in the first year)

- ENGL 6166 Rhetorical Theory

three courses selected from:

- ENGL 5008: Topics in Advanced Technical Communication
- ENGL 5181: Writing User Documents
- ENGL 5182: Writing and Designing Computer Based Documents
- ENGL 5183: Editing Technical Documents
- ENGL 6008: Topics in Advanced Technical Communication (may be repeated for credit)

and

two elective courses (permission of the Coordinator of Graduate Studies in English needed for courses outside the English department)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: March 9, 2009

RE: Request to make changes in the required courses for the Applied Linguistics Emphasis in the M.A. in English

The request to make changes in the required courses for the Applied Linguistics Emphasis in the M.A. in English was approved by the Graduate Council on February 11, 2009 and by the Faculty Council on the February 16, 2009 Consent Calendar. **It is approved for implementation First Summer Session 2009.**

Summary:

1) The following courses would be moved from the status of choices from Category 1 of offered electives to required courses:

ENGL 6127 Seminar in Language, Culture, and Society

ENGL 6161 Introduction to Linguistics

ENGL 6163 Language Acquisition

2) Two categories of choices (one requiring 4 courses to be selected from 12 options and a second requiring 1 course to be selected from 5 options) have been reduced to a single category of options in which two courses are selected from seven options.

3) the following course has been added as an option:

ENGL 6165 Introduction to English for Specific Purposes

4) the following courses have been deleted as options:

ENGL 5161 Modern English Grammar

ENGL 5165 Language and Culture

ENGL 5166 Comparative Language Studies for Teachers

ENGL 5260 History of the English Language

ENGL 5263 Linguistics and Language Learning

ENGL 5264 Literacy in Family and Community

ENGL 5400 English Composition Practicum

ENGL 6195 Teaching College English

CATALOG COPY

The revised course description for the Applied Linguistics Emphasis would read as follows:

Linguistics is a broad field, and the applied linguistics emphasis offers students the opportunity to apply linguistics concepts to a broad range of endeavors, including the teaching of writing, adult English language instruction, and various types of textual analyses.

The Applied Linguistics emphasis includes two writing/rhetoric courses, two literature courses, and

- ENGL 6127 Seminar in Language, Culture, and Society
- ENGL 6161 Introduction to Linguistics
- ENGL 6163 Language Acquisition

And

Two courses selected from:

- ENGL 5050 Topics in English (Linguistics topic; must be approved by the English Graduate Coordinator)
- ENGL 5254 Teaching English/Communications Skills to Middle and Secondary School Learners
- ENGL 6070 Topics in English (Linguistics topic; must be approved by the English Graduate Coordinator)
- ENGL 6162 History of the English Language

- ENGL 6164 Comparative Language Analysis for Teachers
 - ENGL 6165 Introduction to English for Specific Purposes
 - ENGL 6167 Research Methods in Applied Linguistics
-

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: March 9, 2009

RE: Request for replacement of the M.A. Comprehensive Examination in Children's Literature emphasis of the M.A. in English degree with a choice of comprehensive examination or M.A. thesis

The request for replacement of the M.A. Comprehensive Examination in Children's Literature emphasis of the M.A. in English degree with a choice of comprehensive examination or M.A. thesis was approved by the Graduate Council on February 11, 2009 and by the Faculty Council on the February 16, 2009 Consent Calendar. **It is approved for implementation First Summer Session 2009.**

Catalog Copy

The following will be added to the current description of the Children's Literature Emphasis.

Comprehensive Examination/Thesis

All students in the children's literature concentration must satisfactorily complete either a written examination or a Masters thesis.

Comprehensive Examination

Students electing this option will satisfactorily complete a written examination based on a reading list proposed by the student and approved by graduate committee. Information about this list is available in the Department office. The written examination may not be attempted sooner than the last semester of coursework, exclusive of thesis credits. This examination procedure will be implemented for students entering the program in Spring of 2009 and thereafter.

Masters Thesis

Students who choose this option will consult with the Coordinator of Graduate Studies in English, who will appoint a thesis committee comprising a director and two faculty readers. Students electing the thesis option will use the six hours of thesis credit to replace the elective course and another course as approved by the Coordinator of Graduate Studies in English.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: March 9, 2009

RE: Request for replacement of the M.A. Comprehensive Examination with either a three-hour project or portfolio or a six-hour thesis for the following emphases/concentration of the M.A. in English: Composition/Rhetoric, Creative Writing, Applied Linguistics, English for Specific Purposes, and Technical/Professional Writing.

The request for replacement of the M.A. Comprehensive Examination with either a three-hour project or portfolio or a six-hour thesis for the following emphases/concentration of the M.A. in English: Composition/Rhetoric, Creative Writing, Applied Linguistics, English for Specific Purposes, and Technical/Professional Writing was approved by the Graduate Council on February 11, 2009 and by the Faculty Council on the February 16, 2009 Consent Calendar. **It is approved for implementation First Summer Session 2009.**

Catalog Copy

The following sections will be inserted at the end of the description of each of these emphases/concentrations:

Composition/Rhetoric

Project/Thesis

All students in the Composition/Rhetoric emphasis must submit either a project or a thesis to satisfy requirements for the degree.

Project

Students electing to submit a project to satisfy this requirement will enroll in a three-hour directed readings (ENGL 6890) leading to the production of a project. [Note: see the Coordinator of Graduate Studies in English for details on the requirements for this project.]

Thesis

Students electing to submit a thesis to satisfy this requirement should consult with the Coordinator of Graduate Studies in English, who will appoint a thesis committee comprising a director and two faculty readers. Since the thesis carries six hours of credit, students electing the thesis option will take only one elective course.

Creative Writing

Project/Thesis

All students in the Creative Writing emphasis must submit either a project or a thesis to satisfy requirements for the degree.

Project

Students electing to submit a project to satisfy this requirement will enroll in a three-hour directed readings (ENGL 6890) leading to the production of a project. [Note: see the Coordinator of Graduate Studies in English for details on the requirements for this project.]

Thesis

Students electing to submit a thesis to satisfy this requirement should consult with the Coordinator of Graduate Studies in English, who will appoint a thesis committee comprising a director and two faculty

readers. Since the thesis carries six hours of credit, students electing the thesis option will take only one elective course.

Applied Linguistics

Project/Thesis

All students in the Applied Linguistics emphasis must submit either a project or a thesis to satisfy requirements for the degree.

Project

Students electing to submit a project to satisfy this requirement will enroll in a three-hour directed readings (ENGL 6890) leading to the production of a project. [Note: see the Coordinator of Graduate Studies in English for details on the requirements for this project.]

Thesis

Students electing to submit a thesis to satisfy this requirement should consult with the Coordinator of Graduate Studies in English, who will appoint a thesis committee comprising a director and two faculty readers. Since the thesis carries six hours of credit, students electing the thesis option will take only one course from the optional courses listed above. Note: students will consult with the Coordinator of Graduate Studies in English, who must approve their choice of which course to take from this list.

English for Specific Purposes

Portfolio/Thesis

All students in the English for Specific Purposes emphasis must submit either a portfolio or a thesis to satisfy requirements for the degree.

Portfolio

Students electing to submit a portfolio to satisfy this requirement will enroll in a three-hour directed readings (ENGL 6890) leading to the production of a portfolio. [Note: see the Coordinator of Graduate Studies in English for details on the requirements for this portfolio.]

Thesis

Students electing to submit a thesis to satisfy this requirement should consult with the Coordinator of Graduate Studies in English, who will appoint a thesis committee comprising a director and two faculty readers. Since the thesis carries six hours of credit, students electing the thesis option will take only one three-hour elective course.

Professional/Technical Writing

Project/Thesis

All students in the Technical/Professional Writing concentration must submit either a project or a thesis to satisfy requirements for the degree.

Project

Students electing to submit a project to satisfy this requirement will enroll in a three-hour directed readings (ENGL 6890) leading to the production of a project. [Note: see the Coordinator of Graduate Studies in English for details on the requirements for this project.]

Thesis

Students electing to submit a thesis to satisfy this requirement should consult with the Coordinator of Graduate Studies in English, who will appoint a thesis committee comprising a director and two faculty readers. Since the thesis carries six hours of credit, students electing the thesis option will take only one three-hour elective course.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: March 9, 2009

RE: Request to divide the current Writing/Rhetoric Emphasis into two separate emphases

The request to divide the current Writing/Rhetoric Emphasis into two separate emphases was approved by the Graduate Council on February 11, 2009 and by the Faculty Council on the February 16, 2009 Consent Calendar. **It is approved for implementation First Summer Session 2009.**

Catalog Copy

The Composition/Rhetoric Emphasis

The field of rhetoric and composition prepares students comprehensively in the theory, practice, and teaching of public discourse. Our program introduces research in the language arts, from the ancient rhetoric of Greece and Rome to modern theories of the composing process, while also emphasizing practical preparation in the teaching of writing and the administration of composition programs, writing centers and writing across the curriculum programs.

The composition/rhetoric emphasis includes five composition/rhetoric courses, one of which is composition/rhetoric theory-intensive; two literature courses; and two elective courses. The composition/rhetoric emphasis may focus on rhetorical theory, composition theory, or writing and pedagogy.

Project/Thesis

All students in the Composition/Rhetoric emphasis must submit either a project or a thesis to satisfy requirements for the degree.

Project

Students electing to submit a project to satisfy this requirement will enroll in a three-hour directed readings (ENGL 6890) leading to the production of a project. [Note: see the Coordinator of Graduate Studies in English for details on the requirements for this project.]

Thesis

Students electing to submit a thesis to satisfy this requirement should consult with the Coordinator of Graduate Studies in English, who will appoint a thesis committee comprising a director and two faculty readers. Since the thesis carries six hours of credit, students electing the thesis option will take only one elective course.

Creative Writing Emphasis

The aim of this emphasis is to enable students to develop their abilities as creative writers through writing practice in more than one genre and through the creatively-engaged study of literature.

The Creative Writing emphasis includes one theory-intensive course (in writing or literature), two literature courses, and:

One course selected from the following:

- ENGL 5203 Writing Fiction
- ENGL 5209 Fiction Writing Workshop

One course selected from the following:

- ENGL 5202 Writing Poetry
- ENGL 5208 Poetry Writing Workshop

Two 6070 Topics in English courses (must be creative writing topics)

Two electives (with the approval of the Coordinator of Graduate Studies in English)

[Note: It is possible for elective hours to be applied to additional creative writing courses, if the student wishes to repeat any of the fiction or poetry courses listed above in order to receive additional instruction in his or her chosen genre.]

Project/Thesis

All students in the Creative Writing emphasis must submit either a project or a thesis to satisfy requirements for the degree.

Project

Students electing to submit a project to satisfy this requirement will enroll in a three-hour directed readings (ENGL 6890) leading to the production of a project. [Note: see the Coordinator of Graduate Studies in English for details on the requirements for this project.]

Thesis

Students electing to submit a thesis to satisfy this requirement should consult with the Coordinator of Graduate Studies in English, who will appoint a thesis committee comprising a director and two faculty readers. Since the thesis carries six hours of credit, students electing the thesis option will take only one elective course.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Program Assistant to Faculty Governance

DATE: March 9, 2009

RE: Request to approve ARBC 3050, CHNS 3050, and PORT 3050 as "W" courses

The request to approve ARBC 3050, CHNS 3050, and PORT 3050 as "W" courses was approved by the Dean of the University College (Dr. John Smail) and Senior Associate Provost of Academic Affairs (Dr. Jay Raja) on March 3, 2009. It is approved for implementation Fall Semester 2009.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: March 9, 2009

RE: Request to revise the catalog descriptions for MAED 5000, MAED 5040, and MAED 5070 to read "Course may be repeated for credit."

The request to revise the catalog descriptions for MAED 5000, MAED 5040, and MAED 5070 was approved by the Chair of the Graduate Council on February 27, 2009. **It is approved for implementation retroactive to Spring 2003.**

Catalog Copy:

MAED 5000. Topics in Mathematics Education, Early Childhood. (1-6) Prerequisite: permission of the department. Course may be repeated for credit as topics vary. (*On demand*)

MAED 5040. Topics in Mathematics Education, Intermediate. (1-6) Prerequisite: permission of the department. Course may be repeated for credit as topics vary. (*On demand*)

MAED 5070. Topics in Mathematics Education, Secondary. (1-6) Prerequisite: permission of the department. Course may be repeated for credit as topics vary. (*On demand*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 13, 2009

RE: Request to revise requirements for the B.A. and B.S. degrees in Physics, revision and renumbering of PHYS 4210, and establish new course PHYS 3210 (Introduction to Computational Physics)

The request to revise requirements for the B.A. and B.S. degrees in Physics, revision and renumbering of PHYS 4210, and establish new course PHYS 3210 (Introduction to Computational Physics) was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 12, 2009. It is approved for implementation First Summer Session, 2009.

CHANGES TO COURSE DESCRIPTIONS

Includes course descriptions for significantly revised (PHYS 4120 renumbered to PHYS 3220) and new courses (PHYS 3210) as well as minor changes to existing courses

PHYS 2101. Physics for Science and Engineering I. (3) Prerequisite: MATH 1241 with a grade of C or better. **Pre- or Corequisite: MATH 1242.** Corequisite: PHYS 2101L; ~~MATH 1242.~~ First semester of a two semester calculus-based introductory sequence in general physics. Topics include kinematics and dynamics of particles, momentum, work, energy, conservation laws, simple harmonic motion, and mechanics of rigid bodies. Three lecture hours each week. (Fall, Spring, Summer)

PHYS 2101L. Laboratory I. (1) Prerequisite or Corequisite: PHYS 2101. Experiments selected from **motion on an inclined plane, circular motion, momentum and energy in collisions, torques, and conservation laws.** ~~mechanics, heat, electricity and magnetism, wave motion and optics.~~ Use of the computer for organizing, graphing and analyzing data. Two laboratory hours each week. If a student has completed PHYS 1101L with a grade of C or better in a previous semester, the student is exempted from taking PHYS 2101L. (Fall, Spring, Summer) (Evenings)

PHYS 2102L. Laboratory II. (1) Prerequisite: PHYS 2101L (or 1101L). Prerequisite or Corequisite: PHYS 2102. A continuation of PHYS 2101L. **Experiments selected from series and parallel circuits, RC circuits, EMF and terminal potential difference, electromagnets, and magnetic induction.** Two laboratory hours each week. If a student has completed PHYS 1102L with a grade of C or better in a previous semester, the student is exempted from taking PHYS 2102L. (Fall, Spring, Summer) (Evenings)

PHYS 3121. Classical Mechanics I. (3) Prerequisites: PHYS 3101 (or ECGR 2112) and MATH 2171 both with a grade of C or better. Pre or corequisite: MATH 2241. ~~First course of a two-semester sequence treating particle dynamics, the motion of systems of particles, rigid body motion, moving coordinate systems. Lagrange's equations, Hamilton's equations and small oscillations.~~ Topics include Newtonian mechanics, kinetic energy, work and potential energy, harmonic oscillators, projectiles and charged particles without and with viscous friction, linear and angular momentum, vector algebra and coordinate transformations, Taylor expansions, mathematical analysis using complex numbers, Fourier series analysis of vibrational motions. (Fall)

PHYS 3210. Introduction to Computational Physics. (3) Prerequisites: PHYS 2102 and MATH 2171 both with a grade of C or better. Building on elementary concepts in physics, an introduction to how computers are used to solve physics problems is given. Skills in programming will be developed in the context of applying computational methods to calculate a variety of physical properties found in mechanics and electrodynamics. Techniques for simulating and visualizing the behavior of systems ranging in complexity starting from a single particle, to a few, to many particles are introduced. Also covered are methods for data analysis, including fitting and plotting results graphically that best highlight physical relationships between variables. (Spring)

PHYS 3283. Advanced Laboratory in Classical Physics. (3) (W) Prerequisite: ~~PHYS 3101~~ **PHYS 2102 and 2102L** both with a grade of C or better. Selected laboratory work in areas such as mechanics, electricity and magnetism, acoustics and thermal physics. Topics are chosen for their relation to important principles and techniques, or for their historical significance. Emphasis on development of sound laboratory techniques, methods of data analysis, and the writing of formal laboratory reports. Three hours of laboratory each week. (Fall)

PHYS 4140. Nuclear Physics. (3) Prerequisites: PHYS 3141 and MATH 2171 both with a grade of C or better. Pre or corequisite: PHYS 3121 (or MEGR 2144). A study of the nucleus, radioactivity, nuclear reactions, fission, fusion, interactions of radiation with matter and measurement of radiation. (~~Fall~~ Spring)

PHYS ~~4210~~ 3220. Theoretical Mathematical Methods in Physics. (3) ~~Prerequisite: Permission of Department.~~ Prerequisites: PHYS 2102 and MATH 2241 both with a grade of C or better. Topics include ~~Matrices, power series, solutions to ordinary and~~

~~partial differential equations, Hilbert space, Fourier integrals, boundary value problems, Green's functions, and complex analysis.~~ distribution functions, solutions to ordinary and partial differential equations, boundary value problems, Fourier analysis, vectors and matrices, vector calculus, and complex variables. (~~On demand~~ Fall)

PHYS 4222. Classical Mechanics II. (3) Prerequisite: PHYS 3121, MATH 2241. Continuation of PHYS 3121. Topics include Lagrangian mechanics, two-body central force problems, coupled oscillators and normal modes, Hamiltonian mechanics, non-inertial frames, rigid body motion. (Spring)

PHYS 4231. Electromagnetic Theory I. (3) Prerequisites: PHYS 3121 (or MEGR 2144), MATH 2171, and ~~MATH 2241~~ PHYS 3220 (or MATH 2242) all with a grade of C or better. The first course of a two-semester sequence. Topics covered include vector analysis, electrostatics and electric fields in matter. Three lecture hours each week. (Spring)

PHYS 4241. Quantum Mechanics I. (3) Prerequisites: PHYS 3141, PHYS 3121 (or MEGR 2144), PHYS 3220 (or MATH 2242) ~~MATH 2241~~ and MATH 2171, all with a grade of C or better. ~~Corequisite or prerequisite: PHYS 3121 (or MEGR 2144). The first course of a two-semester sequence that provides a senior-level treatment of physical systems at the atomic level.~~ Topics include: ~~Planck's postulate and~~ blackbody radiation, solutions of the time-independent Schrodinger equation, unbound and bound states, the infinite square well, the harmonic oscillator, the hydrogen atom, spin operators, and the Stern-Gerlach experiment. ~~, one-electron atoms, magnetic dipole moments, spin, and transition rates.~~ (Fall)

PHYS 4242. Quantum Mechanics II. (3) Prerequisite: PHYS 4241 with a grade of C or better. A continuation of PHYS 4241. Topics include: perturbation theory, atoms in external electric and magnetic fields, the Stark and Zeeman effects, the WKB approximation, selection rules for electromagnetic radiation, scattering theory, multielectron atoms, electrons in solids, Bose-Einstein and Fermi-Dirac distributions. ~~multi-electron atoms, quantum statistics, molecules, conductors, and semiconductors.~~ (Spring)

PHYS 4350. Teaching and Learning Physics. (3) Prerequisites: PHYS 2102 or permission of instructor. A course on how people learn and understand key ideas related to physics. Course focus includes physics content, pedagogical methods and

curriculum, cognitive science, and physics education research. Course includes opportunities for teaching and individualized projects. (~~Fall~~ On demand)

REVISED CATALOG COPY FOR DEGREE REQUIREMENTS

BACHELOR OF ARTS

The Bachelor of Art degree is appropriate for students seeking an in-depth understanding of physics within the context of a broader education. This curriculum allows the greatest freedom in choosing electives offered by other departments, and is ideal for students wishing to pursue double majors, matching physics with another discipline. A major in Physics leading to the B.A. degree consists of at least 33 semester hours of physics with an average of C or better. The 33 hours of physics must include eight hours in an introductory sequence of either PHYS 1101, 1102, 1101L, and 1102L or PHYS 2101, 2102, 2101L, and 2102L. The remaining 25 hours must include PHYS 1000, PHYS 3101, PHYS 3121, PHYS 3141, PHYS 4231, PHYS 4241, either PHYS 3282 or PHYS 3283, plus six additional hours at the 3000-4000 level. Also required are CHEM 1251, 1251L and MATH 1241, 1242, 2171, 2241 and 2242. **Students may substitute PHYS 3220 for MATH 2242.** PHYS 3000, 3900, 4000, or 4800 may be used to fulfill the 33-semester hour requirement only if approved in advance for this purpose by the Undergraduate Studies Committee. Freshmen should complete MATH 1241 before the beginning of their second year.

Sample Schedule for the B.A. Degree

First Year

Fall Semester (15 hours)

MATH 1241 (3)
2101L (4)

CHEM 1251 and 1251L (4)
1242 (3)

PHYS 1000 (1)
requirement (4)

Spring Semester (14 hours)

PHYS 2101 and

MATH

Foreign Language

Foreign Language requirement	(3)	and	requirement	(4)	General degree
General degree requirement	(3)				

Second Year

<u>Fall Semester (16 hours)</u>				<u>Spring Semester (15 hours)</u>	
PHYS 3101	2102	and	2102L (3)	(4)	PHYS
MATH 3141	2171		(3)	(3)	PHYS
General 2241	degree		requirement (3)	(3)	MATH
General requirement	degree (3)		requirement	(3)	General degree
General requirement	degree (3)		requirement	(3)	General degree

Third Year

<u>Fall Semester (15 hours)</u>				<u>Spring Semester (15 hours)</u>	
PHYS 3282	3121		(3) WO	(3)	PHYS
PHYS 4231	3220	(or	MATH 2242) (3)	(3)	PHYS
Elective (3)			(3)	Elective	
Elective (3)			(3)	Elective	
Elective (3)			(3)	Elective	

Fourth Year

<u>Fall Semester (15 hours)</u>	<u>Spring Semester (15 hours)</u>
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PHYS elective	4241	(3)	(3)	PHYS
PHYS elective		(3)	Elective	(3)
Elective (3)		(3)	Elective	
Elective (3)		(3)	Elective	
Elective (3)		(3)	Elective	

***One of the PHYS electives or general electives must be designated as a W course.**

**All students who earn a degree within the College of Arts and Sciences are required to demonstrate proficiency in the language of their choice through the 1202 level. Check the University Catalog for guidelines for fulfilling this requirement.

*** Students must have a cumulative GPA of at least 2.0 in physics coursework to graduate.

BACHELOR OF ARTS: SECONDARY TEACHER LICENSURE OPTION

Students preparing to teach high school physics may become licensed by earning the B.A. Degree: Secondary Teacher Licensure Option. A major in Physics with this option consists of a minimum of 120 semester hours that fulfill the general degree requirements of the University and that include at least 33 semester hours in physics with an average grade of C or better. The 33 hours of physics must include eight hours in an introductory sequence of either PHYS 1101, 1102, 1101L, and 1102L or PHYS 2101, 2102, 2101L, and 2102L. The remaining 25 hours must include PHYS 1000, PHYS 3101, PHYS 3121, PHYS 3141, PHYS 3282, PHYS 3283, PHYS 4231, PHYS 4241, plus three additional hours at the 3000-4000 level. Also required are CHEM 1251, 1251L, MATH 1241, 1242, 2171, 2241 and 2242. **Students may substitute PHYS 3220 for MATH 2242. Students are also required to take ~~and other~~** courses specified by the Department of Middle, Secondary, and K-12 Education. PHYS 3000, 3900, 4000, or 4800 may be used to fulfill the 33-semester hour requirement only if approved in advance for this purpose by the Undergraduate Studies Committee. Freshmen should complete MATH 1241 before the beginning of their second year.

A schedule to complete the Secondary Teacher Licensure Option within a 4-year period has little flexibility due to the large number of required courses. The student should

obtain a “Suggested Schedule” from the Department of Physics and Optical Science, make arrangements for an advisor in the Department of Middle, Secondary, and K-12 Education, and obtain an up-to-date listing and schedule for required education courses. Licensure applications are the responsibility of the student and the Office of Teacher Education Advising and Licensure (TEAL) in the College of Education.

BACHELOR OF SCIENCE

The Bachelor of Science degree is appropriate for students planning to pursue physics as a professional career, either immediately after graduation in a physics related industry or after undertaking graduate study in physics. A major in Physics leading to the B.S. degree consists of at least **48** semester hours of physics with an average of C or better. The **48** hours of physics must include eight hours in an introductory sequence of PHYS 2101, 2102, 2101L, and 2102L. Under special circumstances, and with the approval of the Undergraduate Studies Committee, PHYS 1101, 1102, 1101L, and 1102L may be substituted for the PHYS 2101-2102 sequence. The remaining **40** hours must include PHYS 1000, PHYS 3101, PHYS 3121, PHYS 3141, PHYS 3151, **PHYS 3210**, PHYS 3282, PHYS 3283, **PHYS 4222**, PHYS 4231, PHYS 4232, PHYS 4241, and at least **nine six** additional hours at the 3000-4000 level. PHYS 3000, 3900, 4000, or 4800 may be used to fulfill the **48**-semester hour requirement only if approved in advance for this purpose by the Undergraduate Studies Committee. Also required are CHEM 1251, 1251L, ~~ITGS-1214~~, MATH 1241, 1242, 2171, 2241, and 2242. **Students may substitute PHYS 3220 for MATH 2242.** Freshmen should complete MATH 1241 before the beginning of their second year. Students planning for graduate study in physics are strongly advised to take PHYS 4242 as part of their 3000-4000 level elective hours.

Sample Schedule for the B.S. Degree

First Year

Fall Semester (15 hours)

MATH 1241 (3)
 2101L (4)

Spring Semester (14 hours)

PHYS 2101 and

CHEM 1242	1251	and (3)	1251L	(4)	MATH
PHYS requirement	1000	(3)		(1)	General degree
General requirement	degree (4)	requirement		(3)	Foreign language
Foreign language requirement				(4)	

Second Year

Fall Semester (16 hours)

Spring Semester (15 hours)

PHYS 3101	2102	and (3)	2102L	(4)	PHYS
MATH 3141	2171	(3)		(3)	PHYS
General 3210	degree	requirement (3)		(3)	PHYS
General 2241	degree	requirement (3)		(3)	MATH
General requirement	degree (3)	requirement		(3)	General degree

Third Year

Fall Semester (15 hours)

Spring Semester (15 hours)

PHYS 3282	3121	(3) WO		(3)	PHYS
PHYS 4231	3283	(3)		(3) W	PHYS
PHYS 4222	3220	(or (3)	MATH 2242)	(3)	PHYS
General requirement	(3)		Elective		(3) degree
Elective (3)		(3)		Elective	

Fourth Year

Fall Semester (15 hours)

PHYS 4232 (3)
3151

PHYS 4241 (3)
Elective

PHYS elective (3)

Elective (3)

Elective (3)

Spring Semester (15 hours)

(3) PHYS

(3) PHYS

Elective (3)

Elective

Elective

*All students who earn a degree within the College of Arts and Sciences are required to demonstrate proficiency in the language of their choice through the 1202 level. Check the University Catalog for guidelines for fulfilling this requirement.

** Students must have a cumulative GPA of at least 2.0 in physics coursework to graduate.

BACHELOR OF SCIENCE WITH A CONCENTRATION IN ASTROPHYSICS

The Bachelor of Science with a Concentration in Astrophysics degree is appropriate for students who wish to receive a rigorous general education in physics complemented with coursework and research in astrophysics. This curriculum is ideal for students who wish to pursue careers and/or graduate study in astrophysics. A major in Physics leading to the B.S. degree with a concentration in astrophysics option consists of at least 48 semester hours of physics with an average of C or better. The 48 hours of physics must include eight hours in an introductory sequence of PHYS 2101, 2102, 2101L, and 2102L. Under special circumstances, and with the approval of the Undergraduate Studies Committee, PHYS 1101, 1102, 1101L, and 1102L may be substituted for the PHYS 2101-2102 sequence. The remaining 40 hours must include PHYS 1000, PHYS 3101, PHYS 3121, PHYS 3141, PHYS 3151, PHYS 3160, PHYS 3161, PHYS 3210, PHYS 3282, PHYS 3283, PHYS 4231, PHYS 4241, PHYS 4242, and at least three additional hours at the 3000/4000 level. PHYS 3000, 3900, 4000, or 4800 may be used to fulfill the 48-semester hour requirement only if approved in advance for this purpose by the Undergraduate Studies Committee. Also required are CHEM 1251, 1251L, ~~ITCS-1214~~, MATH 1241, 1242, 2171, 2241, and 2242. Students

may substitute PHYS 3220 for MATH 2242. Freshmen should complete MATH 1241 before the beginning of their second year.

Sample Schedule for the B.S. Degree with a Concentration in Astrophysics

First Year

Fall Semester (15 hours)

MATH 1241 (4) (3)
2101L

CHEM 1251 and 1251L (4)
1242 (3)

PHYS 1000 (1)
requirement (3)

General degree requirement (3)
requirement (4)

Foreign language requirement (4)

Spring Semester (14 hours)

PHYS 2101 and

MATH

General degree

Foreign language

Second Year

Fall Semester (16 hours)

PHYS 2102 and 2102L (4)
3101 (3)

MATH 2171 (3)
3141

General degree requirement (3)
3210 (3)

General degree requirement (3)
2241 (3)

General degree requirement (3)
requirement (3)

Spring Semester (15 hours)

PHYS

PHYS

PHYS

MATH

General degree

Third Year

Fall Semester (15 hours)

Spring Semester (15 hours)

PHYS 3282	3121		(3) WO		(3)		PHYS
PHYS 4231	3283		(3)		(3)	W	PHYS
PHYS 3160	3220	(or	MATH (3)	2242)	(3)		PHYS
General requirement	(3)			Elective		(3)	degree
Elective suggested)	(3)			Elective	(PHYS 1130)	(3)	1130

Fourth Year

Fall Semester (15 hours)

Spring Semester (15 hours)

PHYS 3151	3161		(3)		(3)		PHYS
PHYS 4242	4241		(3)		(3)		PHYS
PHYS elective			(3)		Elective		(3)
Elective (3)			(3)		Elective		
Elective (3)			(3)		Elective		

*All students who earn a degree within the College of Arts and Sciences are required to demonstrate proficiency in the language of their choice through the 1202 level. Check the University Catalog for guidelines for fulfilling this requirement.

** Students must have a cumulative GPA of at least 2.0 in physics coursework to graduate.

B.S. DEGREE IN PHYSICS WITH A CONCENTRATION IN OPTICAL SCIENCE

The Bachelor of Science with a Concentration in Optical Science degree is appropriate for those students who wish to receive a rigorous general education in physics complemented with coursework and research in optical science. Students who choose to undertake this degree will be required to complete specific courses in addition to those in the traditional branches of physics that will broaden their understanding in the areas of waves and optics, electrodynamics, and modern optics. This curriculum is ideal for students who wish to pursue careers and/or graduate study in the discipline of optical science. A major in Physics leading to the B.S. degree with a concentration in optical science consists of at least 48 semester hours of physics and engineering with an average of C or better. The 48 hours must include eight hours in an introductory sequence of PHYS 2101, 2102, 2101L, and 2102L. Under special circumstances, and with the approval of the Undergraduate Studies Committee, PHYS 1101, 1102, 1101L, and 1102L may be substituted for the PHYS 2101-2102 sequence. The remaining 40 hours must include PHYS 1000, PHYS 3101, PHYS 3121, PHYS 3141, PHYS 3210, PHYS 3282, PHYS 4231, PHYS 4232, PHYS 4241, PHYS 4271, PHYS 4281, at least six additional hours at the 3000-4000 level, and ECGR 4125. Also required are CHEM 1251, 1251L, ~~ITCS 1214~~, MATH 1241, 1242, 2171, 2241, and 2242. Students may substitute PHYS 3220 for MATH 2242. PHYS 3000, 3900, 4000, or 4800 may be used to fulfill the 48-semester hour requirement only if approved in advance for this purpose by the Undergraduate Studies Committee. Freshmen should complete MATH 1241 before the beginning of their second year.

Sample Schedule for the B.S. Degree with a Concentration in Optical Science

First Year

Fall Semester (15 hours)

MATH 1241 (3)
2101L (4)

CHEM 1251 and 1251L (4)
1242 (3)

PHYS 1000 (1)
requirement (3)

General degree requirement (3)
requirement (4)

Foreign language requirement (4)

Spring Semester (14 hours)

PHYS 2101 and

MATH

General degree

Foreign language

Second Year

Fall Semester (16 hours)

Spring Semester (15 hours)

PHYS 3101	2102	and	2102L (3)	(4)	PHYS
MATH 3141	2171		(3)	(3)	PHYS
General 3210	degree		requirement (3)	(3)	PHYS
General 2241	degree		requirement (3)	(3)	MATH
General requirement	degree	requirement	(3)		General degree

Third Year

Fall Semester (15 hours)

Spring Semester (15 hours)

PHYS 3282	3121		(3) WO	(3)	PHYS
PHYS 4231	4271		(3)	(3)	PHYS
PHYS 2242)	(3)		3220 Elective	(or (3)	MATH
General requirement	(3)		Elective	(3)	degree
Elective (3)			(3)	Elective	

Fourth Year

Fall Semester (15 hours)

Spring Semester (15 hours)

PHYS 4281	4232		(3) W	(3)	PHYS
PHYS elective	4241		(3)	(3)	PHYS

ECGR elective	4125	(3)	(3)	PHYS
Elective (3)		(3)	Elective	
Elective (3)		(3)	Elective	

*All students who earn a degree within the College of Arts and Sciences are required to demonstrate proficiency in the language of their choice through the 1202 level. Check the University Catalog for guidelines for fulfilling this requirement.

** Students must have a cumulative GPA of at least 2.0 in physics coursework to graduate.

BACHELOR OF SCIENCE: SECONDARY TEACHER LICENSURE OPTION

Students preparing to teach high school physics may become licensed by earning the B.S. Degree: Secondary Teacher Licensure Option. The student must (a) fulfill all requirements for the B.S. Degree and (b) complete the additional courses required by the College of Education. The student should make arrangements for an advisor in the Department of Middle, Secondary, and K-12 Education, and obtain an up-to-date listing and schedule for required education courses. It is generally not possible to complete this option within four years without attending summer sessions. Licensure applications are the responsibility of the student and the Office of Teacher Education Advising and Licensure (TEAL) in the College of Education.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 20, 2009

RE: Request to **REMOVE** the "W" attribute from PHIL 3228

The request to **REMOVE** the "W" attribute from PHIL 3228 was approved by the Dean of the University College (Dr. John Smail) and Senior Associate Provost of Academic

Affairs (Dr. Jay Raja) on February 12, 2009. **It is approved for implementation First Summer Session, 2009.**

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 23, 2009

RE: Request to establish JOUR 2100 and to revise the Journalism Minor and Public Relations track of the B.A. in Communication Studies

The request to establish JOUR 2100 and to revise the Journalism Minor and Public Relations track of the B.A. in Communication Studies was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 20, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

JOUR 2100. Language Craft. (2) In-depth examination of correct grammar, punctuation and writing style. Refinement of students' writing skills for journalism and public relations applications. Introduction to Associated Press Stylebook. *(Pass/No Credit) (Fall, Spring) Restricted to Pre-Communication and Communication Studies majors and Journalism minors.*

JOUR 2160. Introduction to Journalism. (3) Prerequisite/Corequisite: JOUR 2100. Introduction to the basics of print journalism. Students cover a variety of stories designed to develop news and feature reporting/writing skills. Emphasis is placed on generating story ideas, making ethical news judgments, diversity issues in journalism, gathering information, and writing and editing articles. Students are also introduced to Associated Press style. *Restricted to Pre-Communication and Communication Studies majors, and Journalism minors. (Fall, Spring, Summer)*

COMM 2145: Principles of Public Relations. (3) Prerequisite/Corequisite: JOUR 2100. Familiarize students with basic concepts and principles of public relations within the context of communication theory. Acquaints students with the history, functions, roles, social contexts, tools, techniques, and strategies of the profession. *Restricted to Communication Studies majors and minors. (Fall, Spring)*

MINOR IN JOURNALISM

The minor in Journalism provides an introduction to journalism areas such as writing, editing, feature writing, layout and design, and related communication and media issues. The minor consists of ~~18~~ 20 hours of coursework including:

[JOUR 2100 Language Craft \(2\)](#)

JOUR 2160 Introduction to Journalism

JOUR 3160 Advanced News Reporting and Writing

JOUR 3162 Feature Writing

The nine (9) hours of elective coursework needed to complete the minor may be chosen from:

ENGL 4204 Expository Writing (3)

ENGL 4182 Writing & Designing Computer-Based Documents

JOUR 3050 Topics in Journalism (3)

JOUR 3161 News Editing (3)

JOUR 3163 Visual Communication in the Media (3)

JOUR 3401 Journalism Practicum (2)

ARTG 2181 Graphic Design I (3)

ARTG 3183 Graphic Design II (3)

ARTT 2191 Photographic Media I (3)

COMM 3120 Communication and the Mass Media

COMM 3050 Topics in Communication Studies (3)*

COMM 3880 Independent Study (1-3)*

COMM 4101 Media and the Law (3)

COMM 4102 Federal Interpretation of the First Amendment (3)

COMM 4410 Professional Internship (3)*

POLS 3103 Public Opinion

POLS 3104 Mass Media

**with approval of advisor*

With their advisor's approval, students in the Communication Studies major may count as related course work any course used to fulfill requirements for the Journalism minor as long as that course is not simultaneously being used to fulfill either *CORE* or *TRACK* requirements of the major.

Public Relations (~~21~~ 24 hours)

The Public Relations concentration is designed to provide students with a general background in public relations. Students examine both the theory and practice of public relations.

Students choosing this concentration complete the following courses:

JOUR 2100 Language Craft (2)

JOUR 2160 Introduction to Journalism (3)

COMM 2145 Principles of Public Relations (3)

COMM 3245 Public Relations Writing (3)

COMM 3246 Public Relations Strategy (3)

COMM 4145 Communication Campaigns (3)

COMM 4410 Professional Internship (3)

Students select ~~six~~ at least four hours from the following:

ANTH 4120 Intercultural Communication (3)

COMM 2102 Advanced Public Speaking (3)

COMM 3055 Topics in Public Relations (3)

COMM 3141 Organizational Communication (3)

COMM 3880 Independent Study (1-3)*

COMM 4101 Media and the Law (3)

COMM 4141 Advanced Organization Communication (3)

COMM 4147 International Public Relations (3)

COMM 4410 Professional Internship (3)*

ENGL 2116 Technical Communication (3)

JOUR 3160 Advanced News Reporting and Writing (3)

JOUR 3161 News Editing (3)

JOUR 3162 Feature Writing (3)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 23, 2009

RE: Request to establish INTL 3135 and INTL 3136

The request to establish INTL 3135 and INTL 3136 was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 18, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

INTL 3135. Origins of Globalization. (3) An analysis of European colonial expansion from the 16th through the 19th century, emphasizing the creation of the first global systems of political, economic, and cultural interaction that form the foundation of modern globalization. Using a cross-cultural approach, the course explores the competition and conflict among the great powers and the effects of conquest and colonialism on the indigenous peoples of Africa, Asia and the Americas. *(Yearly)*

INTL 3136. Globalization and Resistance. (3) A cross-cultural analysis of changing patterns of resistance by indigenous peoples to the political, cultural and economic effects of globalization from the colonial period to the present. Using case studies from the Americas, Africa and Asia, the course examines a variety of indigenous resistance strategies and movements and the socio-political dynamics that have driven them and impacted on their effectiveness.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 18, 2009

RE: Request to revise the name and course description for POLS 3169/AFRS 4105

The request to revise the name and course description for POLS 3169/AFRS 4105 was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 12, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

POLS 3169. African International Relations ~~Foreign Policy of African States.~~

(3) Crosslisted as AFRS 4105. ~~Prerequisite: any upper division course on Africa. A theoretical approach to the study of external and internal factors influencing the development, implementation, and conduct of foreign policy of African states.~~ This course examines Africa's relations with external powers (including Europe, the United States, and China), cooperation among African countries, the role of non-state actors in African conflicts, and U.S. policy toward the continent. (*Yearly Spring*)

AFRS 4105. African International Relations ~~Foreign Policy of African States.~~

(3) Crosslisted as POLS 3169. ~~Prerequisite: any upper division course on Africa. A theoretical approach to the study of external and internal factors influencing the development, implementation, and conduct of foreign policy of African states.~~ This course examines Africa's relations with external powers (including Europe, the United States, and China), cooperation among African countries, the role of non-state actors in African conflicts, and U.S. policy toward the continent. (*Yearly Spring*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 18, 2009

RE: Request to change all of the FORL course prefixes to LACS

The request to change all of the FORL course prefixes to LACS was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 12, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

FORL LACS 1201. Elementary Foreign Language. (3-4) Prerequisite: permission of the Department. Fundamentals of grammar and phonetics, reading, writing and conversation of a selected language. (On demand)

FORL LACS 1202. Elementary Foreign Language. (3-4) Prerequisite: FORL 1201 or permission of the Department. Continuation of 1201. (On demand)

FORL LACS 2050. Topics in Foreign Language. (1-4) Studies in a selected field of interest. May be repeated for credit as topics vary. (On demand)

FORL LACS 2201. Intermediate Foreign Language. (3-4) Prerequisite: FORL 1202 or permission of the Department. Grammar review, conversation, composition and readings based on the culture and civilization. (On demand)

FORL LACS 2202. Intermediate Foreign Language. (3-4) Prerequisite: FORL 2201 or permission of the Department. Grammar, conversation, composition and readings based on students' needs. (On demand)

FORL LACS 3050. Topics in Language, Literature and Culture. (3) (W) Studies in a selected field of interest. May be repeated for credit. (On demand)

FORL LACS 3160. European Cinema. (3) (W) (O) Prerequisites: Sophomore standing and ENGL 1102 or equivalent. Introduction to films of the various national cinemas of Europe and strategies for analyzing and discussing film critically and effectively. Lectures, discussions, viewing films, writing assignments, reviews, critiques, and analyses. (Spring, Fall)

FORL LACS 3201. Advanced Foreign Language I. (3) Prerequisite: FORL 2202 or permission of the Department. Review of grammar and guided conversation on prepared topics. Emphasis on spoken language. (On demand)

FORL LACS 3202. Advanced Foreign Language II. (3) Prerequisite: FORL 3201 or permission of the Department. Review of grammar and guided compositions on prepared topics. Emphasis on vocabulary, idiomatic expressions, and stylistics. (On demand)

FORL LACS 3800. Directed Individual Study. (1-3) Prerequisite: Permission of the Department; normally open only to foreign language majors and minors. Individual work on a selected area of study. To be arranged with the instructor, generally during the preceding semester, and by special permission only. May be repeated for credit. (On demand)

FORL LACS 4050. Topics in Foreign Language. (3) Prerequisite: Senior standing or permission of the Department. Studies in a selected field of interest. May be repeated for credit with change of topic. (On demand)

FORL LACS 4690. Senior Seminar. (1) Prerequisites: four or more courses at the 3000 or 4000 level in the major or permission of the Department. Survey of career options for foreign language majors, directed professional development (preparation of resume and portfolio), and completion of departmental required assessments in the areas of speaking, reading, writing, grammar, and content knowledge of the major. (Fall, Spring) (Pass/No Credit)

FORL LACS 4800. Directed Individual Study. (1-3) Prerequisite: permission of the Department; normally open only to foreign language majors and minors. Individual work on a selected area of study. To be arranged with the instructor, generally during the preceding semester, and by special permission only. May be repeated for credit. (On demand)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 16, 2009

RE: Request to allow students pursuing a major or minor in Philosophy to substitute PHIL 2102 as an alternative for PHIL 2101 as a required course

The request to allow students pursuing a major or minor in Philosophy to substitute PHIL 2102 as an alternative for PHIL 2101 as a required course was approved by the

Chair of the Undergraduate Course and Curriculum Committee on February 12, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog copy:

Concentration in Traditional Philosophy. Students who select a concentration in Traditional Philosophy are required to take PHIL 2101 **or 2102** (Introduction to Philosophy), 2105 (Deductive Logic), 3211 (Ancient), 3213 (Modern), and 3214 (Contemporary). Of the remaining 15 hours, at least nine must be in a traditional historical period or figure (e.g., Medieval, American, Introduction to Political Philosophy, Plato, Descartes) or in a traditional problem area (e.g., Aesthetics, Ethics, Metaphysics, Feminist Philosophy, Social and Political Philosophy). A list showing the courses classified as “traditional” and “applied” is available in the Department of Philosophy.

Concentration in Applied Philosophy. Students who select a concentration in Applied Philosophy are required to take PHIL 2101 **or 2102** (Introduction to Philosophy), either 1105 (Critical Thinking) or 2105 (Deductive Logic), and at least two courses in a traditional historical period, figure or problem. Of the remaining 18 hours, at least 12 are to be selected from courses in applied philosophy (e.g., Business Ethics, Philosophy in and of Literature, Healthcare Ethics). These courses may represent a theme in which the student has a particular interest and be planned in consultation with the student's advisor. The selected theme will reflect the student's interests in a particular area which may coincide with a second major. This theme may involve requirements outside of the Department of Philosophy, but only philosophy courses may be counted toward the 30 hours required for the major. A list showing the courses classified as “traditional” and “applied” is available in the Department of Philosophy.

MINOR IN PHILOSOPHY

A minor in Philosophy consists of 15 semester hours in philosophy, at least nine of which are earned at UNC Charlotte with a grade of C or better, with no more than six hours below the 3000 level counting toward the minor. Students who elect the minor are required to take the following courses and types of courses: PHIL 2101 **or 2102**; one course in Logic (PHIL 1105, 2105, or 3235); and two courses in a traditional historical period, figure, or problem area. Traditional historical periods or figures include History of Ancient, Medieval, Modern, Contemporary, and American Philosophy, Introduction to Political Philosophy, Plato, and Descartes. Traditional problem areas include Aesthetics, Ethics, Metaphysics, Feminist Philosophy, and Social and Political Philosophy. A list showing the courses classified as “traditional” and “applied” is available in the Department of Philosophy.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 16, 2009

RE: Request to revise LTAM 2000 & 3000 to LTAM 2001, 2002, 2003, 3001, 3002, & 3003

The request to revise LTAM 2000 & 3000 to LTAM 2001, 2002, 2003, 3001, 3002, & 3003 was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 12, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

LTAM 2000 will become:

LTAM 2001 Topics in Latin American Studies (Economy and Society)

LTAM 2002 Topics in Latin American Studies (Historical Context)

LTAM 2003 Topics in Latin American Studies (Arts and Literature)

LTAM 3000 will become:

LTAM 3001 Advanced Topics in Latin American Studies (Economy and Society)

LTAM 3002 Advanced Topics in Latin American Studies (Historical Context)

LTAM 3003 Advanced Topics in Latin American Studies (Arts and Literature)

LTAM 2001. Topics in Latin American Studies. (3) Analysis of a selected topic related to Latin American Studies. This course will fulfill an elective in the “Economy and Society” course requirements. The particular topic of the course may vary from

semester to semester. A student may repeat the course credit as topics vary. (*On demand*)

LTAM 2002. Topics in Latin American Studies. (3) Analysis of a selected topic related to Latin American Studies. This course will fulfill an elective in the “Historical Perspective” course requirements. The particular topic of the course may vary from semester to semester. A student may repeat the course credit as topics vary. (*On demand*)

LTAM 2003. Topics in Latin American Studies. (3) Analysis of a selected topic related to Latin American Studies. This course will fulfill an elective in the “Arts and Literature” course requirements. The particular topic of the course may vary from semester to semester. A student may repeat the course credit as topics vary. (*On demand*)

LTAM 3001. Advanced Topics in Latin American Studies. (3) Analysis of a selected topic related to Latin American Studies. This course will fulfill an elective in the “Economy and Society” course requirements. The particular topic of the course may vary from semester to semester. A student may repeat the course credit as topics vary. (*On demand*)

LTAM 3002. Advanced Topics in Latin American Studies. (3) Analysis of a selected topic related to Latin American Studies. This course will fulfill an elective in the “Historical Perspectives” course requirements. The particular topic of the course may vary from semester to semester. A student may repeat the course credit as topics vary. (*On demand*)

LTAM 3003. Advanced Topics in Latin American Studies. (3) Analysis of a selected topic related to Latin American Studies. This course will fulfill an elective in the “Arts and Literature” course requirements. The particular topic of the course may vary from semester to semester. A student may repeat the course credit as topics vary. (*On demand*)

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 16, 2009

RE: Request to establish new “W” and “O” Topics courses in English

The request to establish new “W” and “O” Topics courses in English was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 12, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

ENGL 2051. Topics in English – Writing Intensive. (3) (W) Designed to offer topics of general interest not included in other courses. May be repeated for additional credit with the approval of the English Department. Does not count toward the English major. Fulfills general education writing goal. *(On demand)*

ENGL 2052. Topics in English – Oral Communication. (3) (O) Designed to offer topics of general interest not included in other courses. May be repeated for additional credit with the approval of the English Department. Does not count toward the English major. Fulfills general education oral communication goal. *(On demand)*

ENGL 2053. Topics in English – Writing Intensive & Oral Communication. (3) (W, O) Designed to offer topics of general interest not included in other courses. May be repeated for additional credit with the approval of the English Department. Does not count toward the English major. Fulfills general education writing goal and oral communication goal. *(On demand)*

ENGL 2092. Topics in English – Oral Communication. (3) (O) Designed to offer topics of general interest not included in other courses. May be repeated for additional credit with the approval of the English Department. Fulfills general education oral communication goal. *(On demand)*

ENGL 2093. Topics in English – Writing Intensive & Oral Communication. (3) (W, O) Designed to offer topics of general interest not included in other courses. May be repeated for additional credit with the approval of the English Department. Fulfills general education writing goal and oral communication goal. *(On demand)*

ENGL 3052. Topics in English – Oral Communication. (3) (O) Designed to offer topics of general interest not included in other courses. May be repeated for additional credit with the approval of the English Department. Fulfills general education oral communication goal. *(On demand)*

ENGL 3053. Topics in English – Writing Intensive & Oral Communication. (3) (W, O) Designed to offer topics of general interest not included in other courses. May be repeated for additional credit with the approval of the English Department. Fulfills general education writing goal and oral communication goal. *(On demand)*

ENGL 4052. Topics in English – Oral Communication. (3) (O) Designed to offer topics of general interest not included in other courses. May be repeated for additional credit with the approval of the English Department. Fulfills general education oral communication goal. *(On demand)*

ENGL 4053. Topics in English – Writing Intensive & Oral Communication. (3) (W, O) Designed to offer topics of general interest not included in other courses. May be repeated for additional credit with the approval of the English Department. May be used as an elective toward the English major. Fulfills general education writing goal and oral communication goal. *(On demand)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 16, 2009

RE: Request to allow students pursuing a French major to count some of the 4000-level Translation courses in French as 4000-level French courses

The request to allow students pursuing a French major to count some of the 4000-level Translation courses in French as 4000-level French courses was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 12, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

The French major offers two options:

Option A (no change)

Option B (no change)

~~Students majoring in French and seeking a Certificate in Translation in French must also take TRAN 3401, 4402, 4403, and 4404 but may substitute TRAN 4402 for one of the FREN 4000 level courses required for the major.~~

Students majoring in French may substitute two TRAN-F courses for 4000-level French courses for Option A and one TRAN-F course for a 4000-level course for Option B.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 16, 2009

RE: Request to revise the prerequisite for ENGL 4254 (Teaching English/Communication Skills to Middle and Secondary School Learners)

The request to revise the prerequisite for ENGL 4254 (Teaching English/Communication Skills to Middle and Secondary School Learners) was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 12, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

ENGL 4254. Teaching English/Communication Skills to Middle and Secondary School Learners. (3) Prerequisite: Senior English major with a secondary education minor; senior middle grades major, or permission of the department. Approaches to the teaching of English, including recent theories and research related to writing and literary study, with special attention to technology. Designed primarily for teaching in grades 6-12. (*Fall, Spring*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 13, 2009

RE: Request to establish CJUS 4140 (Community Oriented Policing and Problem Solving)

The request to establish CJUS 4140 (Community Oriented Policing and Problem Solving) was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 12, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

CJUS 4140. Community Oriented Policing and Problem Solving.
(3) Prerequisites: CJUS 1100 and CJUS 2000 with a grade of C or better. The

purpose of this course is to help students learn, in a practical hands on way, about community policing concepts, problems solving tools and resources, an crime prevention strategies that are currently used by law enforcement and community leaders.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences
FROM: Julie Putnam, Administrative Assistant to Faculty Governance
DATE: February 13, 2009
RE: Request to establish CJUS 3310 (Punishment and Freedom)

The request to establish CJUS 3310 (Punishment and Freedom) was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 12, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

CJUS 3310. Punishment and Freedom. (3) Crosslisted with Honors 3700-H01.
Prerequisite: CJUS 1100 with a grade of C or better. This course probes the manner in which the notions of freedom and punishment are fundamentally bound to one another, and how, at their intersections, these constructs are the source of considerable speculation regarding consumerism, democracy, capitalism and ethics.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences
FROM: Julie Putnam, Program Assistant to Faculty Governance
DATE: February 12, 2009
RE: Request to approve SOCY 4173 as a "W" course

The request to approve SOCY 4173 as a “W” course was approved by the Dean of the University College (Dr. John Smail) and Senior Associate Provost of Academic Affairs (Dr. Jay Raja) on February 12, 2009. It is approved for implementation Fall Semester 2009.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 12, 2009

RE: Request to revise B.A. in CHEM requirements for students to take CHEM 4695 and CHEM 4696 rather than two semesters of CHEM 4695

The request to revise B.A. in CHEM requirements for students to take CHEM 4695 and CHEM 4696 rather than two semesters of CHEM was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 29, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

CHEM 4695. Chemistry Seminar. (1) (W) (O) Prerequisite: CHEM 3695 and senior standing. Discussion of recent developments and special topics in chemistry. Written and oral reports are required. ~~Repeatable for credit.~~ (Fall, Spring)

CHEM 4696. Chemistry Seminar. (1) (W) (O) Prerequisite: CHEM 3695, CHEM 4695, ~~B.S. chemistry major~~, and senior standing. Discussion of recent developments and special topics in chemistry. Written and oral reports are required.

A major in Chemistry leading to the B.A. degree consists of a minimum of 32 semester hours of chemistry and must include the following core courses: CHEM 1251, 1251L, 1252, 1252L, 2125, 2131, 2131L, 2132, 2132L, 2141, 3111, 3695, **one semester of CHEM 4695**, and ~~two~~ **one semester of 4696 4695**. Related work must include MATH 1241, 1242, and a complete sequence of physics courses selected from one of the following options: (A) PHYS 1101, 1101L, 1102, 1102L; (B) PHYS 2101, 2101L, 2102, 2102L; or (C) PHYS 1102, 1102L, 2101, 2101L. The remaining 3 chemistry elective hours may be selected from CHEM 3112, 3113, 3141, 3141L, 3142, 3142L, 4111, 4121, 4133, 4134, 4135, 4165, 4165L, 4166, 4167, 4171, 4175, and 4200. The B.A. curriculum can be tailored to fit the needs of students preparing for professional schools, a career in chemistry, and secondary teaching licensure.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 12, 2009

RE: Request to establish AFRS 4401 (Professional Internship in Africana Studies)

The request to establish AFRS 4401 (Professional Internship in Africana Studies) was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 29, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

AFRS 4401. Professional Internship in Africana Studies. (3) Internship in wide-ranging working environments, including government establishments, private businesses, as well as not-for-profit organizations, especially those focusing on issues affecting African and African Diaspora populations. The internship provides students with experiential learning in an environment that is consistent with the student's professional goals and growth. Permission of the Chair of the Department required. Restricted to juniors and seniors majoring or minoring in Africana Studies, who have at least a 2.5 GPA and have completed the following courses: AFRS 1100, and up to twelve credits of other AFRS courses. (*Fall, Spring*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 12, 2009

RE: Request to revise the requirements for a minor in Africana Studies

The request to revise the requirements for a minor in Africana Studies was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 29, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

The minor in Africana Studies requires the completion of 18 semester hours of Africana Studies courses as follows:

- AFRS 1100: Introduction to Africana Studies
- AFRS 4010: African Diaspora Theory
- Six credits at the 2000 level
- Six credits at the 3000 and 4000 levels

A minimum of 2.0 grade point average is required in the 18 hours of Africana Studies.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 11, 2009

RE: Request to establish AFRS 2107/SOCY 2107 (Global Hip Hop)

The request to establish AFRS 2107/SOCY 2107 (Global Hip Hop) was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 29, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

AFRS 2107. Global Hip Hop. (3) Crosslisted as SOCY 2107. The development and growth of Hip Hop from a US inner city Black expressive culture to a global subaltern social movement. Examines cultural production in Hip Hop in relation to the contemporary global issues that focus on the youth, subalterns, and postcolonial experiences.

SOCY 2107. Global Hip Hop. (3) Crosslisted as AFRS 2107. The development and growth of Hip Hop from a US inner city Black expressive culture to a global subaltern social movement. Examines cultural production in Hip Hop in relation to the contemporary global issues that focus on the youth, subalterns, and postcolonial experiences.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 11, 2009

RE: Request to revise the requirements for a major in Africana Studies

The request to revise the requirements for a major in Africana Studies was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 29, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

The major in Africana Studies leading to a B.A. degree requires the completion of a minimum 30 credit hours in Africana Studies courses. This includes 15 credit hours in Africana Studies core courses: AFRS 1100, 3290, 4000, 4010, and one of the following: AFRS 2153, 2160, and 2161. The remaining 15 credit hours must be in Africana Studies electives, in any of the following: 2050, 2105, 2120, 2153, 2160, 2161, 2206, 2215, 2221, 2301, 3050, 3150, 3158, 3190, 3200, 3210, 3218, 3220, 3240, 3260, 3265, 3270, 3278, 3280, 3290, 3692, 3895, 3990, 4000, 4050, 4101, 4105, 4410. A grade average of 2.0 is required in the 30 hours of Africana Studies.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 11, 2009

RE: Request to establish AFRS 2156/ANTH 2156 (African Civilization)

The request to establish AFRS 2156/ANTH 2156 (African Civilization) was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 29, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

AFRS 2156. African Civilization. (3) Crosslisted as ANTH 2156. A survey of major cultural innovations and foundations of civilizations in ancient Africa; examination of the origins of ideas, beliefs, institutions, and practices; and the philosophical, religious, social, political and economic foundations of ancient African civilizations. Draws from a wide range of historical sources, especially archaeology, language, literary, oral traditions, and material culture. *(Fall)*

ANTH 2156. African Civilization. (3) Crosslisted as AFRS 2156. A survey of major cultural innovations and foundations of civilizations in ancient Africa; examination of the origins of ideas, beliefs, institutions, and practices; and the philosophical, religious, social, political and economic foundations of ancient African civilizations. Draws from a wide range of historical sources, especially archaeology, language, literary, oral traditions, and material culture. *(Fall)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 11, 2009

RE: Request to change the course numbers of AFRS 1111 and AFRS 1112

The request to change the course numbers of AFRS 1111 and AFRS 1112 was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 29, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

AFRS ~~444~~ 2160. The African American Experience through Civil War. (3) Crosslisted as HIST 2160. Exploration of circumstances that brought Africans to the Americas and their experience during the era of slavery. Emphasis on the political, economic, and socio-cultural systems that maintained slavery in the South and constrained freedom in the North and the responses and struggles of African Americans. Topics include: slavery/slave trading to the Americas; the system of slavery in British North America; free blacks; political compromises sustaining the peculiar institution; and the impact of the Civil War and Reconstruction on the freedom, citizenship, and suffrage of African-Americans. *(Fall)*

AFRS ~~444~~ 2161. The African American Experience: Civil War to Civil Rights. (3) Crosslisted as HIST 2161. Prerequisites: AFRS 1100 or AFRS 1111 for majors. Exploration of the African-American experience from the Civil War to the present and the struggle of freed slaves and free people of color in garnering the promises of emancipation and the changing status of African-Americans in American society. Interdisciplinary survey of key eras, issues, debates, and personalities in the African-American experience from 1865 to the present. It is strongly encouraged that students take AFRS 2160 before enrolling in this course. *(Spring)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 11, 2009

RE: Request to delete AFRS courses (listed below)

The request to delete AFRS courses (listed below) was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 29, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

Delete the following courses:

AFRS 1103

AFRS 2106

AFRS 2201

AFRS 2203

AFRS 2204

AFRS 2205

AFRS 3250

AFRS 4102

AFRS 4103

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Program Assistant to Faculty Governance

DATE: February 11, 2009

RE: Request to approve GERM 3030 as a "W" course

The request to approve GERM 3030 as a “W” course was approved by the Dean of the University College (Dr. John Smail) and Senior Associate Provost of Academic Affairs (Dr. Jay Raja) on January 15, 2009. It is approved for implementation Fall Semester 2009.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 11, 2009

RE: Request to revise the Graduate Certificate in Cognitive Science

The request to revise the Graduate Certificate in Cognitive Science was approved by the Chair of the Graduate Council on January 13, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

Certificate Requirements

The Cognitive Science Certificate Program involves 15 hours of coursework. Students must take the required introductory course and at least two of the disciplinary courses. The remaining hours may come from any of the other topics courses listed. A cumulative GPA of 3.0 will be required and at most one course with a grade of C may be allowed toward the certificate.

Required

PSY/ITCS/ITIS 6216 Introduction to Cognitive Science

Disciplinary Courses (Must take at least two)

PSYC 6116	Cognition
ENGL 5263/6263	Linguistics and Language Learning
PHIL 6050	Philosophy of Mind
ITCS 6150	Intelligent Systems

Topics

ENGL 6070	Semiotics & Interpretation of Signs
PSYC 6015	Topics in Perception & Psychological Psychology
PSYC 5316	Cognitive Neuroscience
PSYC 6115	Sensation and Perception
PSYC 6102/8102	Research Design and Quantitative Methods
ITCS 5151	Intelligent Robotics
ITCS 5152	Computer Vision
ITCS 6153	Neural Networks
ITCS 6156	Machine Learning
ITCS 6010	Topics: Virtual Reality
ITCS 6159/8159	Intelligent Tutoring
ITCS 6170	Logic for AI
ITCS 6158	Natural Language Processing
ITIS 6400/8400	Principles of Human Computer Interaction
CICS 6159/8159	Intelligent Tutoring Systems
ECGR 5196	Introduction to Robotics

ECGR 6102 Optimization of Engineering Designs

ECGR 6266/8266 Neural Networks Theory and Design

CEGR 5181 Human Factors in Traffic Engineering

Topics, seminars, or other courses in the cognitive sciences approved by the Program Coordinator

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 11, 2009

RE: Request to establish AFRS 4010 (African Diaspora Theory)

The request to establish AFRS 4010 (African Diaspora Theory) was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 29, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

AFRS 4010. African Diaspora Theory. (3) Explores the diverse conceptual and theoretical perspectives in the African Diaspora Studies, with emphasis on the dialectical relationships between social theories and the African Diaspora, especially as these relate to the issues of race, identity, gender, migrations, cultural production, and transnationalism. *(Fall)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 11, 2009

RE: Request to re-number GEOG 8130, 8116, 6130, and 6116

The request to re-number GEOG 8130, 8116, 6130, and 6116 was approved by the Chair of the Graduate Council on January 12, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

GEOG ~~8130~~ 8100. ~~Advanced Quantitative Methods: Spatial Statistics~~ Quantitative Methods in Geography. (3) Crosslisted as GEOG 6100. ~~Analysis of spatial data and exploratory spatial data analysis.~~ Topics areas include multiple regression, trend surface, factorial analysis, cluster analysis, discriminant analysis. ~~visualization, point pattern analysis, global and local measures of spatial association, modifiable areal unit problems, spatially weighted regression.~~ Emphasis on applying methods and developing skills useful in empirical research. (*Spring*) (*Fall*) (*Evenings*)

GEOG ~~8116~~ 8300. Applied Regional Analysis. (3) Crosslisted as GEOG ~~6116~~ 6300. Prerequisite: Basic computer skills including spreadsheets. Introduction to methods and techniques used in regional analysis. Topical areas include data sources and collection, regional delineation, community and regional profiles, regional accounts, methods of analysis and impact assessment. Topics are discussed in terms of theory, use, and role in economic geography and regional development. Emphasis is placed on application of economic and demographic methods at the regional level. (*Spring* *Fall*, *Alternate years*)

GEOG ~~6130~~ 6100. Quantitative Analysis Methods in Geography. (3) Crosslisted as GEOG 8100. Topic areas include multiple regression, trend surface, factorial analysis, cluster analysis, discriminant analysis. Emphasis on applied methods and skill development useful in geographic research. (*Fall*) (*Evenings*)

GEOG ~~6116~~ 6300. Applied Regional Analysis. (3) Crosslisted as GEOG ~~8116~~ 8300. Prerequisite: Basic computer skills including spreadsheets. Introduction to methods and

techniques used in regional analysis. Topical areas include data sources and collection, regional delineation, community and regional profiles, regional accounts, methods of analysis and impact assessment. Topics are discussed in terms of theory, use, and role in economic geography and regional development. Emphasis is placed on application of economic and demographic methods at the regional level. (*Fall-Spring, Alternate years*)

New course:

GEOG 8120. Spatial Statistics. (3) Crosslisted as GEOG 6120. Prerequisite: GEOG 6100/8100, GEOG 6404/8404, or permission of the instructor. Statistical analysis of the spatial dimensions of data. Topics include advanced aspects of spatial autocorrelation, global and local measures of spatial association, modifiable areal unit problems, spatially weighted regression, and other spatial models. Emphasis on applied methods and skill development useful in geographic research. (*Spring, Evenings*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: February 11, 2009

RE: Request to renumber SPAN 2201L and SPAN 2202L

The request to renumber SPAN 2201L and SPAN 2202L was approved by the Undergraduate Course & Curriculum Committee Chair on January 29, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

SPAN 2105. ~~2201L~~. Spanish Communication Skills Development I. (3)
(O) Prerequisite: SPAN 1202, recommended SPAN 2201 be taken concurrently. Fulfills the 2000-level language requirement for non Spanish majors. Continued practice in all four skills: speaking, listening, reading, writing. (*Fall, Spring*)

SPAN 2106. ~~2202L~~. Spanish Communication Skills Development II. (3)

(O) Prerequisite: SPAN 2201 or permission of the Department; recommended SPAN 2202 be taken concurrently. Continued practice in all four skills: speaking, listening, reading, writing. (*Fall, Spring*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: January 30, 2009

RE: Request to revise catalog copy for LTAM 4600

The request to revise catalog copy for LTAM 4600 was approved by the Undergraduate Course & Curriculum Committee Chair on February 9, 2009. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

LTAM 4600. Seminar in Latin American Studies. (3) (W) Prerequisite: advanced junior or senior class status. A capstone seminar involving in depth research and analysis of a topic of common interest to Latin American Studies majors, and the elaboration of a senior writing project. [May be taken more than once, in which case the second course will fulfill the capstone requirement.](#)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: January 30, 2009

RE: Request to revise core curriculum in Communication Studies M.A. program

The request to revise core curriculum in Communication Studies M.A. program was approved by the Graduate Council on December 16, 2008 and by the Faculty Council on the January 9, 2009 Consent Calendar. **It is approved for implementation First Summer Session, 2009.**

Catalog Copy

Degree Requirements

The Master of Arts degree program requires the completion of thirty (30) credit hours of graduate work. All students, regardless of orientation and area of study, must complete five core courses: COMM 6100 Communication Research Methods, COMM 6101 Contemporary Viewpoints in Communication Theory, COMM 6102 Professional Seminar in Communication Studies, COMM 6103 Communication Ethics, and COMM 6011 Topics in Communication Research Methods. Students must also complete an additional 15 hours of COMM credit hours. Students writing a thesis or doing a directed project earn their final six (6) credit hours with these research-based activities. Students electing to sit for the comprehensive examination instead of writing a thesis or conducting a directed project finish up their final six (6) hours with two more elective classes, as the comprehensive examination carries no credit with it.

No more than six (6) credit hours may be taken at 5000 level. Successful completion of the degree requires a minimum GPA of 3.0.

Core Courses

	COMM 6100 Communication Research Methods
Theory	COMM 6101 Contemporary Viewpoints in Communication
	COMM 6102 Professional Seminar in Communication Studies
	COMM 6103 Communication Ethics
	COMM 6011 Topics in Communication Research Methods

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: January 30, 2009

RE: Request to establish COMM 6102: Professional Seminar in Communication

The request to establish COMM 6102: Professional Seminar in Communication, COMM 6103: Communication Ethics, COMM 6011: Topics in Communication Research Methods, COMM 6880: Independent Study, and COMM 5115: Seminar in Health Communication was approved by the Graduate Council on December 16, 2008 and by the Faculty Council on the January 9, 2009 Consent Calendar. **They are approved for implementation First Summer Session, 2009.**

Catalog Copy

COMM 5115. Seminar in Health Communication. (3) Course provides in-depth examination of a major area of health communication utilizing extensive readings, discussion and written work. (*Yearly*)

COMM 6011. Topics in Communication Research Methods. (3) Prerequisite: COMM 6100 or permission of the instructor. Focused and advanced instruction on a specific data analytic methodology relevant to communication studies. Sample foci may include—but are not limited to—focus groups, textual analysis, regression, interviewing, structural equation modeling, ethnographic analysis, hierarchical linear modeling. (*Yearly*)

COMM 6102. Professional Seminar in Communication. (3) Examination of the academic study of communication. The course investigates the role of paradigms and use of the scholarly method. Students develop a scholarly project through a seminar approach. (*Fall*)

COMM 6103. Communication Ethics. (3) Discussion and analysis of inherently ethical elements of communication praxis in public, community, institutional and organizational domains. Exploration of practical, philosophical and theoretical concerns that affect everyday matters of moral choice and judgment. (*Spring*)

COMM 6880. Independent Study. (3) Prerequisites: Permission of instructor and graduate coordinator. Area of study beyond the scope of current offerings to be devised by student and faculty member. May be repeated. (*Fall, Spring, Summer*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: January 30, 2009

RE: Request to establish PHYS 6202/OPTI 6202/ OPTI 8202: Fundamentals of Biomedical Optics

The request to establish PHYS 6202/OPTI 6202/ OPTI 8202: Fundamentals of Biomedical Optics was approved by the Graduate Council on December 8, 2008 and by the Faculty Council on the January 9, 2009 Consent Calendar. **It is approved for implementation First Summer Session, 2009**

Catalog Copy

PHYS 6202. Fundamentals of Biomedical Optics. (3) Crosslisted as OPTI 6202. Basic principles underlying tissue optics, laser-tissue interactions, and optical imaging, microscopy, and spectroscopy for medical applications. (*Spring*)

OPTI 6202. Fundamentals of Biomedical Optics. (3) Crosslisted as PHYS 6202. Basic principles underlying tissue optics, laser-tissue interactions, and optical imaging, microscopy, and spectroscopy for medical applications. (*Spring*)

OPTI 8202. Fundamentals of Biomedical Optics. (3) Basic principles underlying tissue optics, laser-tissue interactions, and optical imaging, microscopy, and spectroscopy for medical applications. (*Spring*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts and Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: January 30, 2009

RE: Request to establish PHYS 6203: Methods of Molecular Modeling and simulation in Physics

The request to establish PHYS 6203: Methods of Molecular Modeling and simulation in Physics was approved by the Graduate Council on December 8, 2008 and by the Faculty Council on the January 9, 2009 Consent Calendar. **It is approved for implementation First Summer Session, 2009**

Catalog Copy

PHYS 6203. Methods of Molecular Modeling and Simulation in Physics.

(3) Prerequisite: Permission of the instructor. Numerical methods. Atomic models of soft-matter systems: liquids, polymers, and biomolecules. Molecular dynamics and Monte Carlo methods. Inter-particle potentials. Methods of efficient conformational sampling. Free energy calculations. Introduction to fundamental methods of molecular simulations designed to characterize and predict properties of microscopic systems in materials, physics, and biology. Classical simulations and their connection to experimentally measurable properties. (*Spring, On demand*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: November 10, 2008

RE: Request to offer the comprehensive exam as an option rather than as a requirement for the M.A. in Liberal Studies (MALS)

The request to offer the comprehensive exam as an option rather than as a requirement for the M.A. in Liberal Studies (MALS) was approved by the Chair of the Graduate Council on October 21, 2008 for implementation Spring Semester 2009.

Catalog Copy:

Degree Requirements

The master's program in Liberal Studies requires a minimum of 30 semester hours of graduate work with grades of A or B, including at least 15 semester hours in courses open only to graduate students. A course in which a student receives a grade of 'C' is not allowable as part of the 30 required hours. The program begins with two core courses that give students some common grounding in the issues of liberal arts education. Each student then chooses a program emphasis by completing at least four courses that focus on a common theme. Degree requirements also include a Liberal Studies elective course and two elective courses that can be taken in any department in the College of Arts and Sciences. ~~The program concludes with a seminar, a master's essay or project, and a comprehensive examination.~~ The requirements are outlined below:

Core Courses

MALS 6101 The Liberal Arts Tradition (3)

MALS 6102 Ideas Across the Disciplines (3)

Program Emphasis

Four related courses focusing on a theme developed by the student and faculty advisor (12 hours).

Liberal Studies Elective (3 hours)

General Electives (6 hours)

Concluding Seminar

MALS 6600 Liberal Studies Seminar (3)

No more than 6 hours of independent study may be applied to the degree. Students requesting independent study must have successfully completed at least 12 semester hours in the program, including MALS 6101 and 6102. A form for such requests is available in the Coordinator's office and must be completed and the study approved in advance of registration.

Comprehensive Examination

~~Each candidate concludes the program with a comprehensive examination taken during the final semester of course work. The examination is a part of the concluding seminar and is individually designed, based on each student's program. It allows the student to integrate material from a variety of disciplines and to demonstrate understanding of the scope of Liberal Studies.~~

Assistantships

A limited number of graduate assistantships are available each year. In order to be fully competitive, applications must be received by March 15. Application forms are available through the Graduate School.

Prizes

A Spring Prize of \$250 is awarded annually for an outstanding paper or project completed for a MALS course. Only students admitted to the Liberal Studies program by the submission deadline for the prize are eligible.

MALS 6600. Liberal Studies Seminar. (3) An integration of the course work previously taken by each of the seminar members and the completion of a final essay, ~~or~~ project, ~~or~~ comprehensive exam. (Yearly)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: November 10, 2008

RE: Request to bring the grading requirement for the M.A. in Liberal Studies (MALS) in alignment with the Graduate School

The request to bring the grading requirement for the M.A. in Liberal Studies (MALS) in alignment with the Graduate School was approved by the Chair of the Graduate Council on October 21, 2008 for implementation Spring Semester 2009.

Catalog Copy:

Degree Requirements

The master's program in Liberal Studies requires a minimum of 30 semester hours of graduate work ~~with grades of A or B~~, including at least 15 semester hours in courses open only to graduate students. ~~A course in which a student receives a grade of 'C' is not allowable as part of the 30 required hours.~~ A student must have a cumulative average of 3.0 in courses in their degree plan of study in order to graduate. Please consult the Graduate School's grading policies under Academic Regulations and Degree Requirements.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: January 6, 2009

RE: Request to change the course prefixes for Women's Studies courses from WMST to WGST

The request to change the course prefixes for Women's Studies courses from WMST to WGST was approved by the chair of the Graduate Council on December 8 2009. **It is approved for implementation First Summer Session, 2009**

Catalog Copy

WGST 5050. Topics in Women's Studies. (1-3) Prerequisites and credit hours vary with topics. Special topics in Women's Studies. May be repeated for credit as topics vary. *(On demand)*

WGST 6050. Topics in Women's Studies. (1-3) Prerequisites and credit hours vary with topics. Special topics in Women's Studies. May be repeated for credit as topics vary. *(On demand)*

WGST 6601. Theoretical Approaches to Sexuality. (3) An interdisciplinary examination of the history of sexuality and contemporary theories of sexuality and the body. Topics covered include historical aspects of sexuality; representations of sexuality; politics of sexuality; critiques of psycho-analytic approaches to sexuality; feminist engagement with biological constructions of sexuality; and queer theory. (*Alternate years*)

WGST 6602. Theoretical Approaches to Gender. (3) An interdisciplinary examination of the core theories about the role of gender in identity formation and social organization. Topics covered include the feminist critique of biological essentialism; gender as a continuum; the social construction of gender; gender performativity; historical changes in gender; masculinity studies; the intersection of race, class and gender; and the economics of gender. (*Alternate years*)

WGST 6603. Language, Gender and Power. (3) An examination of the ways language constructs sexual difference and power relations among groups. Topics include the role of language in structuring individual identity and human relations; how that process informs the nature of social institutions; and the control language exercises over human society, from the private to the public domain. (*Alternate years*)

WGST 6627. Feminist Theory and its Applications. (3) An examination of selected works in feminist thought across the disciplines. (*Alternate years*)

WGST 6800. Directed Reading/Research. (3) Prerequisites: prior written permission of instructor and Women's Studies Director. Independent investigation of a problem or a topic in Women's Studies, culminating in a research paper or a final report. Student must provide a written plan of work before registering for the course. May be repeated for credit. (*On demand*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Administrative Assistant to Faculty Governance

DATE: January 6, 2009

RE: Request to approve CJUS 4000-090 as an "O" course

The request to approve CJUS 4000-090 as an "O" course was approved by the Dean for the University College (Dr. John Smail) and Senior Associate Provost of Academic Affairs (Dr. Jay Raja) on January 6, 2009. **It is approved for implementation Spring Semester, 2009.**

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: December 10, 2008

RE: Request to create a four semester course in Russian Translation which will be offered within the framework of Certificate in Translating.

The request to create a four semester course in Russian Translation which will be offered within the framework of Certificate in Translating was approved by the chair of the Undergraduate Course and Curriculum Committee on November 24, 2008 for implementation First Summer Session, 2009.

Catalog Copy:

CERTIFICATE IN TRANSLATING

A Certificate in Translating (CT) in the French-English, German-English, [Russian-English](#), or Spanish-English sequences earned by completion of TRAN 3401, 4402 F/G/R/S, 4403 F/G/R/S and 4404 F/G/R/S, with a grade of B or better in each course. The CT is not equivalent to a major in a foreign language; rather it represents a theory-based skill developed at the bachelor's degree level. The CT may complement a major in any field, and is especially recommended for majors and minors in French, German, [Russian](#), Spanish, International Studies, or International Business. All courses for the CT involve, but are not limited to, translating into English from the source text.

NEW COURSES:

TRAN 4402-R. Practicum in Translating I – Russian. (3) Prerequisites: Completion of or concurrent enrollment in TRAN 3401 and a Russian 3000-level course or equivalent with a grade of B or better, or permission of the department. Grammatical and lexical issues of translation; restructuring texts, editing, troubleshooting, and techniques of the translator in working with a variety of text types (documents, essays, fiction, poetry). Conducted in English and Russian. (*Spring, Alternate years*)

TRAN 4403-R. Practicum in Translating II – Russian. (3) Prerequisites: Completion of TRAN 4402-R with a grade of B or better, or permission of the department. Further work in restructuring texts, editing, troubleshooting. Pragmatic/cultural issues of translation in dealing with a variety of text types (documents, essays, fiction, poetry) as well as the specifics of film translating. Conducted in English and Russian. (*Fall, Alternate years*)

TRAN 4404-R. Practicum in Translating III – Russian. (3) (W) Prerequisites: Completion of TRAN 4403-R, with a grade of B or better, or permission of the department. Study of professional journals, technologies, protocol, and resources in the field (e.g., ATA, ALTA). Advanced issues of translation. Translation of a semester-long project in individual consultation with instructor. Conducted in English and Russian. (*Spring, Alternate years*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Program Assistant to Faculty Governance

DATE: December 10, 2008

RE: Request to approve BIOL 3000 as “W” course

The request to approve BIOL 3000 as a “W” course was approved by the Dean of the University College (Dr. John Smail) and Senior Associate Provost of Academic Affairs

(Dr. Jay Raja) on November 26, 2008. It is approved for implementation retroactive to Fall 2008 semester, for section A01.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences
FROM: Julie Putnam, Secretary to Faculty Governance
DATE: November 20, 2008
RE: Request to remove CHEM 8101 as a prerequisite for BIOL 8102

The request to remove CHEM 8101 as a prerequisite for BIOL 8102 was approved by the Chair of the Graduate Council on September 30, 2008 for implementation First Summer Session 2009.

Catalog Copy:

BIOL 8102. Cell and Molecular Biology. (4) Prerequisite: ~~CHEM 8101, or permission of instructor~~ **Admission to PhD program or permission of department.** Structure of cellular components; the cell cycle; regulation of transcription, translation, and protein trafficking; cell membranes and transport; cell-cell communication, including signal transduction; extracellular matrix. Thirty two-hour lectures. (*Fall*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences
FROM: Julie Putnam, Secretary to Faculty Governance
DATE: November 6, 2008
RE: Request to eliminate the (3) POLS concentrations

The request to eliminate the (3) POLS concentrations was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 31, 2008 for implementation Spring Semester 2009.

Catalog Copy:

A major in Political Science for the B.A. degree requires 30 semester hours of political science to include: (1) POLS 1110 (American Politics); (2) POLS 1130 (Comparative Politics); (3) POLS 1150 (International Politics); (4) POLS 2220 (Political Science Methods) or equivalent social science methods course; (5) at least one course in the subfield of Political and Legal Philosophy; and (6) at least one of the following courses: POLS 4110 (North Carolina Student Legislature), POLS 4163 (Model United Nations), POLS 4990 (Senior Thesis), or POLS 4600 (Senior Seminar). No more than nine hours of credit from POLS 4110, 4163, 4400, or 4800 can be offered to fulfill major requirements. POLS 2220 and one of the senior courses listed above fulfill the writing intensive courses required for graduation.

~~**Concentration in Comparative and International Politics.** Students may opt to receive the Bachelor of Arts in Political Science with a concentration in Comparative and International Politics. Requirements include at least 12 semester hours (as part of the required 30 hours in political science) in courses listed under Comparative and International Politics in this catalog. Students seeking this concentration must also complete a 200-level course in a foreign language or demonstrate proficiency at that level, or complete a study abroad experience approved by the Education Abroad Office of the Office of International Programs. American Sign Language is not acceptable. Majors seeking this concentration are encouraged to diversify their coursework by completing the major or minor in International Studies.~~

~~**Concentration in Judicial Politics.** Students may earn the Bachelor of Arts degree in Political Science, with a Judicial Politics concentration, by completing 15 semester hours as part of the required 30 hours in political science. These 15 hours must comprise POLS 1110 and four of the following courses: POLS 1110, 3010, 3114, 3115, 3116, 3162, and 3175. POLS 3010 offers several topics courses that satisfy the concentration requirements: Study of Supreme Court Decision Making, Gender & the Law, Law & Public Policy, or Environmental Law & Policy.~~

~~**Concentration in Public Policy.** Students may earn the Bachelor of Arts degree in Political Science with a concentration in Public Policy by completing 12 semester hours as part of the required 30 hours in political science. This 12 hours must include POLS 2120 and at least 9 hours selected from: POLS 3114, 3115, 3121, 3124, 3125, 3126, 3132, 3135, 3154, 3157, 3161, 3169, 3175 or some other public policy course specifically designated by the Chair of the Political Science Department. To receive the~~

~~concentration in Public Policy the students must also complete an introductory economics course (ECON 1101, 2101, or 2102). Note that both ECON 2101 and 2102 are highly recommended, but not required.~~

Advanced Placement Program. Students who receive an evaluation of Qualified (3) or better on the Advanced Placement examination in American Politics will receive credit for POLS 1110. Students who receive an evaluation of Qualified (3) or better on the Advanced Placement examination in Comparative Politics will receive credit for POLS 1130.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: October 28, 2008

RE: Request to make changes to the B.A. and B.S. in Psychology

The request to make changes to the B.A. and B.S. in Psychology was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 20, 2008 for implementation Spring Semester 2009.

Catalog Copy:

Bachelor of Arts

A major in psychology leading to the B.A. degree consists of ~~29~~ **32** hours of psychology. These hours must include General Psychology (1101 and 1101L), Research Methodology (2102), ~~History and Systems (3103), a Senior Seminar (4613, 4619, 4625, 4630, 4650, 4655, 4660, or 4670), one unrestricted elective,~~ and two courses from each of two Restricted Elective categories: Scientific Foundations of Practice and Scientific Psychology, three unrestricted psychology electives, and a Capstone course.

Capstone Courses serve as a culminating experience for the undergraduate program. Selection of a capstone course should be made with future career and educational goals in mind. Enrollment in a capstone course requires the student to have completed 90 or more hours of coursework, have a C or better in PSYC2102 Research Methods, and any additional prerequisites as required by the individual course. A capstone course may not be taken during the same term as Research

Methods without the consent of the department. Students may select their capstone from the following list of courses:

PSYC4603	History and Systems (3)
PSYC4606	Advanced Topics in Psychology (3)
PSYC4612	Seminar in Behavior Modification (3)
PSYC4613	Seminar in Physiological Psych (3)
PSYC4619	Seminar in Experimental Psych (3)
PSYC4625	Seminar in Developmental Psych (3)
PSYC4630	Seminar in Social Psych (3)
PSYC4650	Seminar in Human Adaptation and Behavior (3)
PSYC4655	Seminar in Community Psych (3)
PSYC4660	Seminar in Health Psychology (3)
PSYC4670	Seminar in I/O Psych (3)
PSYC4691	Honors Thesis II (3)

Scientific Foundations of Practice: Students will select two courses ~~which must be from different areas~~ (each course must be from a different area):

Area 1: Individual Differences and Dysfunctional Behavior (PSYC 2150, 3135, 3151)

Area 2: Human Development (PSYC 2120, 2121, 2124)

Area 3: Practice (PSYC 2160, 2171, 3155)

Scientific Psychology: Students will select ~~at least~~ two courses ~~which must be from different areas~~ from the following

Biological Aspects (PSYC 3110, 3113, 3115, 3117)

Cognitive/Affective Aspects (PSYC 3111, 3114, 3116)

Social Aspects (PSYC 3130)

Psychological Measurement (PSYC 3140)

Students must select at least ~~three~~ nine hours of electives in psychology to fulfill the ~~29~~ 32-hour requirement for the B.A.

Electives should be selected to aid the student in the attainment of personal goals. However, the student cannot include more than three hours credit in PSYC 3405 and six hours credit in PSYC 3806 in the ~~29~~ 32-hour requirement of the major, nor will the student be allowed to apply more than eight hours in PSYC

3405 or PSYC 3806 to the 120 hours required for the B.A.

Other specific requirements for the B.A. degree include: STAT 1222 (Elements of Statistics) and majors must satisfy the University General Education requirements listed for the Bachelor of Arts Degree

Related Work. Students pursuing a B.A. in Psychology are expected to be exposed to a depth of knowledge in at least one domain outside of psychology through their completion of the Related Work Requirement. Related Work should be considered in terms of the fulfillment of individual educational and vocational aspirations. Students must select one of the following options.

- Option 1: Complete a second major
- Option 2: Complete a minor in a domain outside Psychology

A GPA of 2.0 must be achieved for the major, as well as for the second major or minor. A grade ~~Grades~~ of C or better in PSYC 1101, ~~and~~ PSYC 2102, ~~and the capstone course are is~~ required to progress in the major.

Bachelor of Science

A major in psychology leading to the B.S. degree consists of ~~35~~ 32 hours of psychology. These hours must include General Psychology (1101 and 1101L), Research Methodology (2102), ~~History and Systems (3103), a Senior Seminar (4613, 4619, 4625, 4630, 4650, 4655, 4660, or 4670), nine hours of unrestricted electives,~~ two courses from each of two **Restricted Elective** categories: Scientific Foundations of Practice and Scientific Psychology, **three unrestricted psychology electives, a Capstone course and a Reasoning and Natural Science requirement.**

Capstone Courses serve as a culminating experience for the undergraduate program. Selection of a capstone course should be made with future career and educational goals in mind. Enrollment in a capstone course requires the student to have completed 90 or more hours of coursework, have a C or better in PSYC2102 Research Methods, and any additional prerequisites as required by the individual course. A capstone course may not be taken during the same term as Research Methods without the consent of the department. Students may select their capstone from the following list of courses:

PSYC4603	History and Systems (3)
PSYC4606	Advanced Topics in Psychology (3)
PSYC4612	Seminar in Behavior Modification (3)
PSYC4613	Seminar in Physiological Psych (3)
PSYC4619	Seminar in Experimental Psych (3)
PSYC4625	Seminar in Developmental Psych (3)
PSYC4630	Seminar in Social Psych (3)

PSYC4650	Seminar in Human Adaptation and Behavior (3)
PSYC4655	Seminar in Community Psych (3)
PSYC4660	Seminar in Health Psychology (3)
PSYC4670	Seminar in I/O Psych (3)
PSYC4691	Honors Thesis II (3)

Scientific Foundations of Practice: Students will select two courses ~~which must be from different areas~~ (each course must be from a different area):

Area 1: Individual Differences and Dysfunctional Behavior (PSYC 2150, 3135, 3151)

Area 2: Human Development (PSYC 2120, 2121, 2124)

Area 3: Practice (PSYC 2160, 2171, 3155)

Scientific Psychology: Students will select ~~at least~~ two courses ~~which must be from different areas from~~ the following

Biological Aspects (PSYC 3110, 3113, 3115, 3117)

Cognitive/Affective Aspects (PSYC 3111, 3114, 3116, ~~3316~~)

Social Aspects (PSYC 3130)

Psychological Measurement (PSYC 3140)

Students must select at least nine hours of electives in psychology to fulfill the ~~35~~ 32-hour requirement for the B.S.

Electives ~~in psychology~~ should be selected to aid the student in the attainment of personal goals. However, the student cannot include more than three hours credit in PSYC 3405 and ~~three~~ six hours credit in PSYC 3806 in the ~~35~~ 32-hour requirement of the major, nor will the student be allowed to apply more than eight hours in PSYC 3405 or PSYC 3806 to the 120 hours required for the B.S.

Other specific requirements for the B.S. degree include: STAT 1222 (Elements of Statistics) and majors must satisfy the University General Education requirements listed for the Bachelor of Science Degree

Related Work. Students pursuing a B.S. in Psychology are expected to be exposed to a depth of knowledge in at least one domain outside of psychology through their completion of the Related Work Requirement. Related Work should be considered in terms of the fulfillment of individual educational and vocational aspirations. Students must select one of the following options.

- Option 1: Complete a second major
- Option 2: Complete a minor in a domain outside Psychology

A GPA of 2.0 must be achieved for the major, as well as for the second major or minor. Grades of C or better in PSYC 1101, PSYC 2102, and the capstone course are required to progress in the major.

Reasoning and Natural Science Requirement. Students pursuing a B.S. in Psychology are expected to be exposed to a depth of knowledge in reasoning and the natural sciences. Students must select from one of the following options:

- Option 1: Complete a second major in Biology or Chemistry or Computer Science or

Math.

- Option 2: Complete a minor in Biology, Chemistry, Computer Science, Math, ~~Neuroscience~~, or Cognitive Science, or other minor approved by the Department.
- Option 3: Complete six hours from among: PHIL 1105; PHIL 2105; PHIL 3235; PHYS 1101; Any ~~CSCI~~ Computer Science course; ~~Any OPRS~~; Any MATH above 1105; Any STAT above 1222, **AND complete 18 hours of biology or chemistry including at three courses with labs and two courses with or without labs.**

Course Sequences Within the Major.

~~The Department of Psychology offers course sequences designed to provide a more in-depth exposure to certain areas of Psychology. Sequences are currently available in Clinical, Cognitive, Community, Developmental, Health, Industrial/ Organizational, Physiological, and Social Psychology, and Psychometrics. Detailed information about course sequences and interdisciplinary areas of study is contained in the Department of Psychology Student Handbook which is available in the Psychology Office or online at www.psych.uncc.edu.~~

Students should seek advising from the PASS Center, Colvard 3123 about courses most beneficial to their career and educational goals. In addition, the Department of Psychology actively participates in several interdisciplinary areas of study including Gerontology, Women's Studies, and Cognitive Science.

Consult the Department of Psychology web page (www.psych.uncc.edu) for a Suggested Schedule to complete the B.A. or B.S. degree with a Major in Psychology.

MINOR IN PSYCHOLOGY

A minor in psychology consists of 19 semester hours of psychology to include PSYC 1101, 1101L, and a minimum of one course from both the Scientific Foundations of Practice Area and the Scientific Psychology Area. A minimum of six hours of coursework at the 3000 level or above is required. No more than three semester hours of PSYC 3806 may be counted toward the minor, and PSYC 3405 may not be used for the minor. **A grade of C or better is needed for the PSYC 1101, with a GPA of 2.00 for all Psychology courses taken at UNC Charlotte.**

REVISED COURSE DESCRIPTIONS

PSYC 3103 4603. History and Systems (3) Prerequisites: PSYC1101, **at least 9 hours of psychology courses beyond the 1000 level, senior standing, permission of department.** Historical antecedents and origins of modern psychology. Emphasis on influential psychological systems such as behaviorism and psychoanalysis. **May be used in fulfillment of the capstone requirement for the degree. (Fall, Spring, Summer)**

PSYC 4006 4606. Selected Advanced Topics in Psychology (3). Prerequisites: PSYC1101 and PSYC2102, ~~junior or~~ senior standing, permission of department. Examination of special psychological topics. May be used in fulfillment of the capstone requirement for the degree. *(On demand)*

PSYC 3790 4690. Honors Thesis I. (3) Prerequisite: Permission of instructor. Initiation of independent Honors research, including the preparation and defense of a formal thesis proposal. *(Fall, Spring, Summer)*

PSYC 3791 4691. Honors Thesis II. (3) Prerequisite: PSYC 3790. Completion of independent Honors research, including the preparation and defense of a formal Honors thesis. May be used in fulfillment of the capstone requirement for the degree. *(Fall, Spring, Summer)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: October 28, 2008

RE: Request to make prerequisite changes to COMM 3051, 3054, and 3055

The request to make prerequisite changes to COMM 3051, 3054, and 3055 was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 20, 2008 for implementation Spring Semester 2009.

Catalog Copy:

COMM 3051. Topics in Health Communication. (3) Prerequisite: COMM 3115. Timely and important areas relevant to the study of health communication. May be repeated for credit with permission of the major advisor. *(On demand)*

COMM 3054. Topics in Organizational Communication. (3) Prerequisite: COMM 3141. Timely and important areas relevant to the study of organizational communication. May be repeated for credit with permission of the major advisor. (*On demand*)

COMM 3055. Topics in Public Relations. (3) Prerequisite: COMM 2145. Timely and important areas relevant to the study of public relations. May be repeated for credit with permission of the major advisor. (*On demand*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: October 27, 2008

RE: Request to renumber and rename ARSC 3201 to COMM 3125

The request to renumber and rename ARSC 3201 to COMM 3125 was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 20, 2008 for implementation Spring Semester 2009.

Catalog Copy:

~~**ARSC 3201. Instructional Technology Design.**
COMM 3125. New Media for Communications. (3) Prerequisite: sophomore standing, application of technology skills and permission from instructor. Area of study will focus on instructional design, web page development, electronic presentation and technology solutions. Students in this course will work closely with the faculty on instructional technology projects.~~

Examines the theoretical perspectives and practical skills necessary to create and design content using digital tools. Course covers components of digital media including

designing, writing and communication through the web, creating and editing online podcasts and original creation of online digital video. (Fall, Spring)

Mass Media (12 hours)

The Mass Media concentration is designed for students interested in the development and critical analysis of the media as a cultural force. Contemporary issues in media criticism are explored. Students may also receive limited exposure to media production.

Students choosing this concentration complete the following courses:

COMM 3120 Communication and Mass Media (3)
COMM 4101 Media and the Law (3)

Students will complete six hours selected from the following courses:

ARTA 2219 History of Photography (3)
COMM 2120 Black Images in the Media (3)
COMM 3052 Topics in Mass Media (3)
COMM 3121 Mass Communication and Society (3)

COMM 3125 New Media for Communications

COMM 3880 Independent Study (1-3)*
COMM 4102 Federal Interpretation of the First Amendment (3)
COMM 4410 Professional Internship (3)*
ENGL 2106 Film Criticism (4)
FORL 3160 European Cinema (3)
FREN 4050 Topics in French Film (3)
GERM 3160 Survey of German Films (3)
HIST 3010 American History & Culture through Film (3)
JOUR 2160 Introduction to Journalism (3)
JOUR 3160 News Writing (3)
JOUR 3161 News Editing (3)
POLS 3104 Mass Media and Government (3)
POLS 3107 Political Influence of the Media (3)
RELS 3212 Film and Identity (3)
SOCY 2112 Popular Culture (3)
SPAN 4050 Topics in Film of Peninsular Spain (3)
SPAN 4050 Topics in Latin American Film (3)

* *with approval of advisor*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: October 27, 2008

RE: Request to establish AMST 3020 for writing intensive course

The request to establish AMST 3020 for writing intensive course was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 20, 2008 for implementation Spring Semester 2009.

Catalog Copy:

AMST 3020. Seminar in American Studies. (3) (W) An in-depth treatment of an American topic using an interdisciplinary and writing-intensive approach. May be repeated for credit with permission of the student's advisor as topics vary.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: October 27, 2008

RE: Request to edit course description for POLS 3400

The request to edit course description for POLS 3400 was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 20, 2008 for implementation Spring Semester 2009.

Catalog Copy:

POLS 3400. Internship in Political Science. (3-6) Prerequisites: Permission of the department. Practical experience in politics by working for a party, campaign organization, political office holder, news medium, government agency, or other political organization. Minimum of 150 working hours for three hours credit; minimum of 300 working hours for six hours credit. **No more than six credits may be received through this course.** *(Pass/No Credit) (Fall, Spring, Summer)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: October 27, 2008

RE: Request to establish PHYS 4110 (Introduction to Biomedical Optics)

The request to establish PHYS 4110 (Introduction to Biomedical Optics) was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 20, 2008 for implementation Spring Semester 2009.

Catalog Copy:

PHYS 4110. Introduction to Biomedical Optics. (3) Prerequisites: PHYS 3141 and MATH 2171 both with a grade of C or better. Pre- or corequisite: PHYS 3121 (or MEGR 2144). This course will cover the basic principles underlying tissue optics, laser-tissue interactions, and optical imaging, microscopy, and spectroscopy for medical applications. *(Spring)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: October 27, 2008

RE: Request to revise the prerequisite for CHEM 1252

The request to revise the prerequisite for CHEM 1252 was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 20, 2008 for implementation Spring Semester 2009.

Catalog Copy:

CHEM 1252. Principles of Chemistry. (3) Prerequisite: CHEM 1251 [with a grade of C or better](#). Continuation of CHEM 1251. Three lecture hours and one Problem Session hour per week. (Credit will be given for only one course: 1112, 1204, or 1252.) *(Fall, Spring, Summer) (Evenings)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: October 27, 2008

RE: Request to realign History Honors course sequence

The request to realign History Honors course sequence was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 20, 2008 for implementation Spring Semester 2009.

Catalog Copy:

HIST 3795. Honors Seminar. (3) (W) (O) Prerequisite: Permission of instructor. Honors level examination of a particular topic. The **first** course in a required three-course sequence for Honors in History. May be repeated for credit as topics vary. Required of Davenport Scholars. Completion of this course with a grade of C or better meets the requirement for a 2100 course in the major. *(Fall)*

HIST 3797. Honors Methods and Practice. (3) Prerequisite: Permission of instructor. Prepares students for the research and writing of an honors thesis. Includes meetings with a range of faculty in the department, preparation of an honors thesis prospectus, and training in research methods and practices. The **second** course in a required three-course sequence for Honors in History. *(Spring)*

HIST 3798. Preliminary Honors Research. (3) (W) Prerequisite: HIST 3797 and permission of the instructor. Optional course that allows thesis candidates to conduct preliminary research the semester prior to writing their honors thesis (HIST 3799). Requires written evidence of sufficient research progress equivalent to a regular senior thesis. A passing grade in this course meets the requirement for a 4000 level course in the major. *Graded on a Pass/Fail basis. (On demand)*

HIST 3799. Honors Research and Thesis. (3) (W) Prerequisites: HIST 3797 and permission of the instructor. The preparation and presentation of an acceptable Honors thesis or its equivalent. The final course in a required three-course sequence for Honors in History. Completion of a thesis earning a **passing grade** meets the requirement for a 4000 level course in the major; a grade of A is required to earn honors. *(On demand)*

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: October 27, 2008

RE: Request to make changes in the course descriptions of BIOL 1274, 3166, 3900, 2120, & 2130

The request to make changes in the course descriptions of BIOL 1274, 3166, 3900, 2120, & 2130 was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 20, 2008 for implementation Spring Semester 2009.

Catalog Copy:

BIOL 1274. Human Anatomy and Physiology II. (3) Prerequisite: A grade of C or better in BIOL 1273. Continuation of BIOL 1273. Not accepted towards the major in Biology. ~~Students cannot receive credit for both BIOL 1274 and BIOL 3273.~~ (Spring, Summer)

BIOL 3166. Genetics. (3) Prerequisite: A grade of C or better in BIOL 2130 and BIOL 3111. Prerequisite (A grade of C or better in) or corequisite: CHEM 2130 or 2131. Basic concepts of heredity; principles of classical, molecular, and population genetics. (Fall, Spring, Summer)

BIOL 3900. Undergraduate Research. (1-4) Prerequisite: Permission of the department. Enables junior and senior biology majors to initiate research projects in their respective fields of interest. Maximum credit toward major: two hours for B.A.; three hours for B.S. May be repeated for credit as topics vary. **Three credit hours of BIOL 3900 may count as one biology lab credit.** May substitute for only one lab. (Fall, Spring, Summer)

BIOL 2120. General Biology I. (3) Prerequisite: None. Corequisite: BIOL 2120L. Origin and early evolution of life, basic principles of chemistry, cell biology, and ~~development~~ genetics. Three lecture periods per week. (Fall, ~~Spring~~, Summer)

BIOL 2130. General Biology II. (3) Prerequisite: a grade of C or better in BIOL 2120 and BIOL 2120L. Corequisite: BIOL 2130L. Ecology, evolution, biodiversity, plant and animal structure and function. Three lecture periods per week. (*Fall, Spring, Summer*)

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: October 15, 2008

RE: Request to establish a minor in Aerospace Studies

The request to establish a minor in Aerospace Studies was approved by the Undergraduate Course and Curriculum Committee on September 8, 2008 and by the Faculty Council on the September 24, 2008 Consent Calendar for implementation Spring Semester 2009.

Catalog Copy:

Aerospace Studies Minor

While the minor is most appropriate for students wishing to pursue a commission as an officer in the United States Air Force, it is open to all students at the university without incurring any military obligation. A minor in Aerospace Studies provides expertise in military law, national security issues, airpower history, leadership, teambuilding, as well as written and oral communication skills. Experience gained through this minor would be an advantage to any student interested in future government employment.

Grade Requirements: the cumulative grade-point average (GPA) for all courses used toward the minor must be 2.0 or greater, with no course grade lower than a C.

Credit Hour Requirements: a minimum of 16 credits in departmental courses, 12 of which must be upper division.

Course	Title	Credits
FRESHMAN AND SOPHOMORE (C or Better)		
AERO 1101	The Air Force Today I	1
AERO 1102	The Air Force Today II	1
AERO 2101	The Development of Air Power I	1
AERO 2102	The Development of Air Power II	1
JUNIOR AND SENIOR (C or Better)		
AERO 3101	Leadership and Management	3 (O)
AERO 3102	Defense Administration and Military Management	3 (O)
AERO 3201	National Security Issues in Contemporary American Society.	3 (O)
AERO 3202	The Defense Leader: Perspectives on Ethics and Justice.	3 (O)
	Department of Aerospace Studies (Lower Division)	4
	Department of Aerospace Studies (Upper Division)	12
Total Hrs		16

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: August 25, 2008

RE: Request to establish FILM 3050 (Topics in Film)

The request to establish FILM 3050 (Topics in Film) was approved by the Chair of the Undergraduate Course and Curriculum Committee on August 22, 2008 for implementation Spring Semester 2009.

Catalog Copy:

FILM 3050. Topics in Film. (3) National film histories, film analysis, film criticism, film genres. May be repeated as topic changes.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: August 25, 2008

RE: Request to establish FILM 3120 (The Fundamentals of Video/Film Production)

The request to establish FILM 3120 (The Fundamentals of Video/Film Production) was approved by the Chair of the Undergraduate Course and Curriculum Committee on August 22, 2008 for implementation Spring Semester 2009.

Catalog Copy:

FILM 3120. The Fundamentals of Video/Film Production. (3) Key components: planning and preparation through post-production and presentation, including writing a simple screenplay, storyboarding, locating equipment, casting, shooting, editing, post production synchronization, and exhibition.

MEMORANDUM

TO: Dean Nancy Gutierrez, College of Liberal Arts & Sciences

FROM: Julie Putnam, Secretary to Faculty Governance

DATE: August 25, 2008

RE: Request to restructure elements of the current Geographic Information Science and Technologies (GI S&T, hereafter) curriculum and change degree requirements with the BA and BS in Geography to reflect more emphasis in GI S&T. When this process is completed the Department will have created a new option within Geography that will include new undergraduate and graduate courses in GI S&T, and changed existing geography curriculum by renumbering existing courses, modifying the content of existing courses and cross-listing some existing 4000-level courses with 5000-level equivalents.

The request to restructure elements of the current Geographic Information Science and Technologies (GI S&T, hereafter) curriculum and change degree requirements with the BA and BS in Geography to reflect more emphasis in GI S&T. was approved by the Chair of the Undergraduate Course and Curriculum Committee on August 22, 2008 for implementation Spring Semester 2009.

Catalog Copy:

1. Changes in Requirements for Majors in the BA and BS in Geography

Delete the requirement of GEOG 2100 Maps and Graphs and 2101 Maps and Graphs Lab for the majors in the BA and BS in Geography.

Add the requirement of GEOG 2103, Elements of GIScience and Technologies as a requirement for the BA and BS in Geography.

Add the requirement of GEOG 4120, Fundamentals of GIS, as a requirement for the BS in Geography.

2. Changes in Existing Courses in Geography -- Content To Be Modified and Course description to be modified)

GEOG 2103 Elements of GIScience and Technologies: change course from 3 credit hour elective to 4 credit hour, lab based course.

New course description:

GEOG 2103. Elements of GIScience and Technologies. (4) This course covers the fundamentals of Geographic Information Science (GIS), related technologies used in GIS, and how GIScience is being applied in such diverse fields as planning, marketing, criminal justice, health, natural resources, information technology and engineering. Students will learn the processes to collect, organize, analyze and display geographic data using GIS and will be introduced to related technologies including GPS, Air Photo-Interpretation and basics of Remote Sensing. Students will also cover mapping basics including scale, projections, coordinate systems, data classification, and cartographic design. *(Fall and Spring)*

GEOG 4103. Computer Programming for GIS Applications: change in catalog description.

New course description:

GEOG 4103. Computer Programming for GIS Applications. (3) Prerequisite: GEOG 2103 or permission of instructor. Software program development for GIS and mapping applications using high level programming languages such as Visual Basic. Emphasis on the design and implementation of geographic data structures and algorithms. *(Fall)*

GEOG 4120. Fundamentals of GIS. Proposed change in course prerequisite and change in catalog description to make GEOG 2103 the prerequisite for this course.

New Catalog Copy

GEOG 4120. Fundamentals of Geographic Information Systems. (4) Prerequisite: GEOG 2103 or permission of instructor. Development, current state-of-the-art and future trends in geographic information processing with emphasis on data gathering, storage, and retrieval, analytical capabilities and display technologies. A laboratory component will include development and completion of an applied GIS research project. Three lecture hours, one two-hour lab per week. *(Fall, Spring)*

3. New Courses To Be Added to the Geography Undergraduate and Graduate Curriculum (syllabi and consultations are attached)

GEOG 4131. Environmental Modeling with GIS. (4) Prerequisite: GEOG 4120 or permission of the instructor. Theories and practices of modeling the environment with GIS. Topics include types of spatial modeling frameworks; GIS data sources and measurement technologies for environmental modeling; development, calibration, and validation of environmental models; 3-dimensional modeling and visualization of physical processes; and spatial analysis of human-environment interactions. *(Fall or Spring)*

GEOG 4132. Spatial Modeling for Social and Economical Applications. (4) Prerequisite: GEOG 4120 or permission of the instructor. Theories and practices of spatial modeling with social and economical applications. Topics include (1) simulation models for land use change, smart growth, object movement, and homeland security planning; (2) integrated models – spatial – non-spatial, topological – ontological, deterministic – stochastic; (3) agent-based models. Lab exercises employ various spatial modeling tools. *(Fall or Spring)*

GEOG 4150. Spatial Database Development with GPS and GIS. (4) Prerequisites: GEOG 4120, or permission of instructor. This course consists of tutorials, readings, projects, and discussions of how geo-technologies can be used to create digital geographic databases: designing conceptual databases using entity-relationship approach, transforming GPS data, geo-registering scanned base maps, digitizing vector features, entering attribute data, and developing Mobile GIS applications. *(Fall or Spring)*

COLLEGE OF ARTS & SCIENCES

APPROVALS

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 21, 2004

RE: Request to revise International Studies requirement course listings

The Request to revise International Studies requirement course listings was approved by the chair of the Undergraduate Course and Curriculum Committee on December 17, 2004, for immediate implementation.

Catalog Copy:

International Studies

INTERDISCIPLINARY STUDIES

Director: Professor Chernotsky

International Studies is an interdisciplinary program within the College of Arts and Sciences. It draws upon the faculty and courses of a number of departments and is structured to give students skills and knowledge to understand and analyze societies outside the United States in the context of the rapidly changing and increasingly interdependent world. By integrating courses on area studies and world affairs from a variety of departments, the program allows students interested in studying other cultures and societies to focus attention across traditional disciplinary boundaries. International Studies is of particular value to those with career objectives in government, law, journalism, teaching, business, trade, or military service. It also serves those who will seek employment with international organizations such as the United Nations or with non-governmental agencies with an international or cross-cultural focus.

BACHELOR OF ARTS

A major in International Studies requires a minimum of 30 semester hours in courses approved for International Studies credit to include: (1) INTL 1101 (Introduction to International Studies); (2) one course from each of the three Advanced Core areas designed to

enhance global economic, geo/political, and social/cultural awareness; (3) one required course and four elective courses from within one of the area concentrations offered - **African, Asian, European or Latin American Studies**; (4) INTL 4601 (International Studies Seminar). Majors must also complete related work in foreign language and an international experience as stipulated in the core curriculum. Each student, in consultation with an advisor, will prepare a Plan of Study for completion of these requirements upon declaration of the major.

Curriculum:

1. INTL 1101. Introduction to International Studies (3)

2. **Advanced Core (9)**. Select one course from each of the following categories. Other courses may be considered if approved by the Director.

a. Economic Awareness:

ECON 2101 Principles of Macroeconomics

(designated international sections only)

ECON 3171 International [Business Economics](#) ~~for Non-Majors~~ (Prerequisites ECON 2101, 2102)

GEOG 3105 Geography of the Global Economy

HONR 1702 Economic Welfare and

International Communities ([or LBST 2102-equivalent Honors Section](#))

POLS 3151 International Political Economy

b. Geo/Political Awareness:

[GEOG 1105 Location of Human Activity](#)

GEOG 2165 Patterns of World Urbanization

HONR 1701 War, Peace, Justice and Human Survival ([or LBST 2101-equivalent Honors Section](#))

POLS 3131 Political Development

[POLS 3135 Terrorism](#)

POLS 3152 International Organization

POLS 3162 International Law

[POLS 4163 Model United Nations](#)

c. Social/Cultural Awareness:

[ANTH 2121 Comparative Family Systems](#)

ANTH 2122 Beliefs, Symbols and Rituals

ANTH 2123 Women in Cross Cultural Perspective

ANTH 3111 Culture Change and Applied Anthropology

ANTH 3122 Culture, Health and Disease

ANTH 3124 Food, Nutrition and Culture

ANTH 4120 Intercultural Communication

CJUS 4103 International Criminal Justice

[COMM 4147 International Public Relations](#)

HONR 3702 ~~Social Justice and Human Rights~~ Human Rights and Social Justice

[RELS 3131 Islam](#)

3. Foreign Language. Students are expected to demonstrate competency in a foreign language appropriate to the area studies concentration selected equivalent to the completion of two courses at the 3000 level or above.

4. Area Studies Concentration (15). Each student will select an area of concentration and will complete the required course designated.

Africa: INTL 2101 Introduction to African Studies (3)

Asia: INTL 2201 Introduction to Asian Studies (3)

Europe: INTL 2301 Introduction to European Studies(3)

Latin America: INTL 2401 Introduction to Latin American Studies (3)

An additional 12 hours of elective credit from courses approved within the selected area studies concentration must be completed (see list of recommended courses). While there is no formal requirement as to the distribution of courses across departments, the Plan of Study for area studies must address issues that will further economic, geo/political, and social/cultural awareness.

5. International Experience. Students are required to complete an international experience related to the area studies concentration they have selected. This may be fulfilled through participation in a formal education abroad program or through foreign-based work, service, or internship activities. This experience must be specified and approved by the Director. Academic credits earned may be applied to the requirements of the major. A U.S.-based experience of an international nature or prior international experience may be considered.

6. INTL 4601. International Studies Seminar (3)

INTERNATIONAL STUDIES MINOR

Students minoring in International Studies are required to complete 6 hours of introductory course work including:

INTL 1101 Introduction to International Studies (3)

And one of the following:

ANTH 1101 General Anthropology (3)

GEOG 1101 World Regional Geography (3)

~~HIST 1100 The World Since 1945 (3)~~ POLS 1130 Introduction to Comparative Politics (3)

POLS 1150 Introduction to International Politics (3)

A minor in International Studies requires completion of 26 semester hours (including foreign language) with a GPA of 2.5 or better. Students will select a concentration in **African Studies, Asian Studies, European Studies, Latin American Studies or International Business**. A **self-designed** concentration focusing on a particular issue, theme, or region is also available. All students pursuing the minor must have their curriculum approved by the Director of International Studies.

Curriculum:

1. Core courses: Six hours of introductory course work selected from:

INTL 1101 Introduction to International Studies (3)

and one of the following:

ANTH 1101 General Anthropology (3)

GEOG 1101 World Regional Geography (3)

~~HIST 1100 The World in the 20th Century (3)~~ POLS 1130 Introduction to Comparative Politics (3)

POLS 1150 Introduction to International Politics (3)

2. Foreign Language: Six to eight hours of foreign language at the 2201 and 2202 level in a language appropriate to the selected concentration. If 2201 and 2202 courses are not available, 1201 and 1202 in a second appropriate language may be presented.

3. Area Concentration. Twelve hours of related course work appropriate to the selected concentration in **African, Asian, European or Latin American Studies** (see list of recommended courses). All courses must be chosen from outside the student's major and from at least two departments.

For the **International Business** concentration, three of the four courses (nine hours) must be selected from the following:

FINN 3223 International Financial Management (3)

MGMT 3274 International Business Processes & Problems (3)

MKTG 3215 International Mktg Management (3)

ACCT 3150 International Accounting (3)

MKTG 3218 Export Marketing and Logistics (3)

ECON 3171 International Economics for Non-Majors (3)

The fourth course (three hours) may be selected from the list above or from among the following non-business courses:

AAAS 3265 African Economic Development (3)

ANTH 4120 Intercultural Communications (3)

POLS 3151 International Political Economy (3)

Note: Enrollment in courses offered from The Belk College of Business Administration is subject to all class standing and prerequisite requirements of The College. These requirements may be waived or modified by permission of the coordinator of the International Business Program or by the Chairperson of the department offering the course.

Self Designed Concentration: Students choosing to focus their study around a particular issue, theme, or region not covered by the other area concentrations may do so with the prior advice and consent of the Director of International Studies and subject to the regular availability of sufficient courses and an appropriate foreign language.

4. Education Abroad. Although not required for the minor, education abroad is encouraged and recommended. The Office of International Programs offers a range of programs of varying duration. Academic credits earned may be applied to the requirements of the minor, subject to approval by the Director.

RECOMMENDED AREA STUDIES COURSES

Note: List subject to additions and deletions. Other courses may be considered, subject to approval of the Director.

African Studies

*INTL 2101 Introduction to African Studies (or HIST 2211; AAAS 2221)

AAAS 2205 African Culture (or ANTH 2111)

AAAS 2206 African Literature, Music and Art

AAAS 2207 Introduction to Pan Africanism

AAAS 3265 African Economic Development

AAAS 4101 Modern African Literature in English

AAAS 4105 Foreign Policy of African States (or POLS 3169)

ANTH 2111 Peoples of Africa (or AAAS 2205)

ENGL 4155 Pan African Literature

HIST 2210 Pre-Colonial Africa

POLS 3143 African Politics

POLS 3169 Foreign Policy of African States (or AAAS 4105)

Asian Studies

*INTL 2201 Introduction to Asian Studies (or HIST 2201)

ARTA 2112 Asian Art

HIST 2200 Asian Civilization

HIST 3161 History of Modern China

HIST 3162 Revolutionary Movements in Modern China

[HIST 3165 History of Modern Japan](#)

HIST 3168 Women and the Family in Modern East Asia

[HIST 3170 Vietnam: Century of Conflict](#)

JAPN 3209 Japanese Civilization and Culture

POLS 3148 Chinese Politics

~~POLS 3149 Japanese Politics~~

POLS 3165 East Asia in World Affairs

~~POLS 3167 The United States and Japan~~

RELS 2102 Introduction to Asian Religions

RELS 3154 Hinduism

RELS 3157 Buddhism

~~RELS 3160 Tibetan Religions~~

RELS 3163 Religious Art & Architecture of India

RELS 3166 Taoism

RELS 3169 Zen Buddhism

European Studies

*INTL 2301 Introduction to European Studies (or HIST 3116)

ARTA 3120 20th Century Art in Europe

ECON 3133 Economic History of Europe

ENGL 3128 British Literature Since WWI

ENGL 4123 The Modern British Novel

FORL 3160 European Cinema

FREN 2209 French Civilization

FREN 3209 France Today

FREN 4003 Studies in French Literature

FREN 4007 Studies in French Culture and Civilization

FREN 4202 Survey of French Literature II

GERM 3030 Studies in German Culture

GERM 3050 Studies in German Literature

GERM 3160 Survey of German Film

GERM 4204 Survey of German Literature II

[HIST 2152 European Women's History](#)

HIST 2252 Russian History From 1917 to the Present

HIST 2261 Britain Since 1688

[HIST 2271 Modern France](#)

[HIST 2281 Twentieth Century Germany](#)

HIST 3140 ~~Modern Ireland~~ Irish History
HIST 3147 The Third Reich
HIST 3148 The Holocaust
PHIL 3213 Modern Philosophy
POLS 3141 European Politics
POLS 3153 European Union
RELS 2101 Introduction to Western ~~Religious Thought~~ Religions
RELS 4101 Religion and Modern Thought
RUSS 3203 Russian Civilization and Culture
SPAN 3209 Spanish Civilization and Culture
SPAN 4202 Twentieth Century Spanish Literature

Latin American Studies

*INTL 2401 Introduction to Latin American Studies (or HIST 2207)
AAAS 3190 Political Economy of the Caribbean (or LTAM 3190)
ANTH 2116 Contemporary Latin America (or LTAM 2116)
ANTH 4116 Culture & Conflict in the Amazon (or LTAM 4116)
ARTA 3112 Pre-Columbian Art (or LTAM 3313)
~~HIST 1140 Latin American Civilization~~
HIST 2206 Colonial Latin America (or LTAM 2206)
HIST 3174 Resistance and Adaptation (or LTAM 3274)
HIST 3175 Reform, Riots, Rebellions (or LTAM 3275)
HIST 3176 History of Mexico (or LTAM 3276)
HIST 3177 The Cuban Revolution (or LTAM 3277)
HIST 3178 History of Brazil (or LTAM 3278)

HIST 3179 Authoritarianism in Latin America (or LTAM 3279)
HIST 3260 U.S. and Latin America (or LTAM 3260)
POLS 3144 Latin American Politics (or LTAM 3144)
POLS 3154 Political Economy of Latin America (or LTAM 3154)
POLS 3164 U.S.-Latin American Relations (or LTAM 3164)
SPAN 3019 Hispanic Women Writers in English Translation (or LTAM 3319)
SPAN 3029 Cultural Dimension of Business with Spanish-Speaking Countries (or LTAM 3129)
SPAN 3160 Studies in Hispanic Film (or LTAM 3360)
SPAN 3210 Spanish American Civilization and Culture (or LTAM 3310)
SPAN 3212 Introduction to Spanish American Literature (or LTAM 3312)
SPAN 4120 Advanced Business Spanish I (or LTAM 4120)
SPAN 4121 Advanced Business Spanish II (or LTAM 4121)
SPAN 4210 Studies in Spanish American Poetry (or LTAM 4310)
SPAN 4211 Studies in Spanish American Prose Fiction (or LTAM 4311)
SPAN 4212 Studies in Spanish American Theater (or LTAM 4312)

* Required Course for Major

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences
FROM: Cathy Sanders, Director of Assessment and Faculty Governance
DATE: December 21, 2004
RE: Request to establish PHIL 3264: Philosophy of Language

The request to establish PHIL 3264: Philosophy of Language was approved by the chair of the Undergraduate Course and Curriculum Committee on December 17, 2004, for immediate implementation.

Catalog Copy:

PHIL 3264. Philosophy of Language. (3) An inquiry into the nature of language that will show the close relation of the Anglo-American tradition to logic and the Continental tradition to linguistics. In addition to focusing on the resulting theories of meaning, the course will address special topics such as linguistic creativity and linguistic violence. (*On demand*)

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 20, 2004

RE: Request to establish (7) new undergraduate courses:

- HIST 2105: American Slavery and Emancipation
- HIST 2125: Democracy in America: A Historical Perspective
- HIST 2135: Introduction to Museums & Historic Sites
- HIST 2155: Southern Women's History
- HIST 2215: A History of Muslim Societies
- HIST 3118: Eastern Europe After 1945
- HIST 3169: Central Asia from 1800 to Present

The Request to establish (7) new undergraduate courses was approved by the chair of the Graduate Council on December 17, 2004, for immediate implementation.

Catalog Copy:

HIST 2105. American Slavery and Emancipation. (3) This course surveys the transformation of life and labor for African Americans from the era of North American colonization through the Civil War and Reconstruction. The class will emphasize slavery as a complex system of labor exploitation and racial control, the dynamics of slave communities, slave resistance, emancipation as process, blacks as agents of their own social and economic change, and the broad meanings of slavery and freedom in American life and in world history. Coursework includes reading of primary and secondary texts. *(Alternate years)*

HIST 2125. Democracy in America: A Historical Perspective. (3) This course considers the history of politics and government in the United States by examining the history of American democracy in theory and practice. To what extent have American politics and government been democratic? What does the history of democracy in America suggest about the future of politics and society in the United States and the world? This course will examine the rise of parties and mass politics, machine politics and reform movements, the history of citizenship and suffrage as relates to race, ethnicity, and gender, the relationship between war and democracy, and the problem of reconciling democratic ideals with existing social and economic hierarchies. *(Alternate years)*

HIST 2135. Introduction to Museums & Historic Sites. (3) This course introduces students to the history and functions of museums and historic sites. Through lecture, discussion, and field trips, students will learn about the role of museums and historic sites in American society. *(Alternate years)*

HIST 2155. Southern Women's History. (3) This course surveys the history of women's experiences in the American South. Through readings, lectures, and discussion students will learn about the importance of race, class, and gender in shaping southern women's lives. *(Alternate years)*

HIST 2215. A History of Muslim Societies. (3) This course covers the history of Muslim societies from the 6th century until the present times. It focuses on the following issues: Birth and expansion of Islamic faith; political, cultural, artistic, intellectual and social history of Muslim societies; relationship between the Islamic World and the Christian Europe; impact of imperialism, nationalism and modernization of Muslim societies; and the efforts to reassert Islamic identity in an era of tightening globalization. Meets non-western requirement. *(Alternate years)*

HIST 3118. Eastern Europe After 1945. (3) This first half of this course examines the impact of Communism on Eastern Europe, including its effects on daily life, the economy and politics. The second half covers Eastern Europe's troubled transition after 1989, looking at the difficulties this region has faced while trying to create democratic governments and market economics. *(Alternate years)*

HIST 3169. Central Asia from 1800 to the Present. (3) This course surveys the history of Central Asia from the Russian conquest up through the collapse of the Soviet Union and the era of independence. Specific consideration will be given to the former-Soviet Republics of Kazakstan, Uzbekistan, Tajikistan, Kirgizstan, and Turkmenistan, as well as Afghanistan, Mongolia, and Xinjiang in China. Particular themes and topics to be addressed in this course include colonization, revolution, reform, nationalism, Islam, and international relations. Meets non-western requirement. *(Alternate years)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 17, 2004

RE: Request to change the course title of GEOL 5145 from Fundamentals of Hydrogeology to Hydrogeology

The request to change the course title of GEOL 5145 from Fundamentals of Hydrogeology to Hydrogeology was approved by the chair of the Graduate Council on December 15, 2004, for immediate implementation.

Catalog Copy:

GEOL 5145. Hydrogeology. (4) Prerequisites: GEOL 1200, MATH 1241, CHEM 1251 or consent of instructor. Fundamentals of groundwater hydrology. Principles of flow and transport in groundwater aquifers and the vadose zone. Topics include: Storage, compressibility, capillarity, Darcy's Law, aquifer

parameters, steady and transient flow equations, well hydraulics, geological controls on groundwater flow, and transport of non-reactive chemical species by advection, diffusion and dispersion in porous media. A series of experiments and problems illustrating flow and transport in porous media, together with applied problems. Three hours of lecture, and three hours of lab per week with occasional field trips. (Fall)

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 16, 2004

RE: Request for additional miscellaneous editorial changes for the 2005-2007 Undergraduate Catalog from the Department of Music

The request for additional miscellaneous editorial changes for the 2005-2007 Undergraduate Catalog from the Department of Music was approved by the chair of the Undergraduate Course and Curriculum Committee on December 15, 2004, for immediate implementation.

Catalog Copy:

Item number	Current Catalog Copy	Proposed Catalog Copy
37	<p>MUSC 3275. Electronic Music (3)</p> <p>Prerequisites: Consent of instructor. An examination of the basic concepts and practical applications associated with modern electronic music. The focus of the course will be on contemporary forms of electronic synthesis and MIDI and computer-based digital and analog recording techniques. Three contact</p>	<p>MUSC 3275. Electronic Music (3) MIDI Synthesis Technology (2)</p> <p>Prerequisites: Prerequisite: Consent of instructor. An examination of the basic concepts and practical applications associated with modern electronic music. The focus of the course will be on contemporary forms of electronic synthesis and MIDI and computer-based digital and analog</p>

	hours. <i>(Summer)</i>	recording techniques. A study of contemporary computer-based sequencing software, MIDI keyboards, modules, controllers and basic recording and arranging techniques. Three Two contact hours. <i>(Summer)</i>
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38	MUSC 2270 Music Notation and Publishing Practices (3) Prerequisite: Consent of instructor. A study of modern methods of music notation with a primary focus on contemporary computer-based approaches. The course will also study the copyright law as it relates to music publishing, recordings and performance rights. Three contact hours. <i>(Fall)</i>	MUSC 2270 Music Notation and Publishing Practices (3) Using Computer Software (2) Prerequisite: Consent of instructor. A study of modern methods of music contemporary music notation methods using computer software. with a primary focus on contemporary computer based approaches. The course will also study the copyright law as it relates to music publishing, recordings and performance rights. Three Two contact hours. <i>(Fall)</i> <i>(On demand)</i>
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MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 16, 2004

RE: Request to establish FREN/GERM/SPAN 1201 to replace FREN/GERM/SPAN 1100

The request to establish FREN/GERM/SPAN 1201 to replace FREN/GERM/SPAN 1100 was approved by the chair of the Undergraduate Course and Curriculum Committee on December 14, 2004, for immediate implementation.

Catalog Copy:

FREN 1201. Elementary French I. (4) For students with limited or no previous experience in French. First course in a two-course sequence to develop competence in culture, speaking and writing, listening and reading comprehension in French. *(Fall, Spring, Summer) (Evenings)*

GERM 1201. Elementary German I. (4) For students with limited or no previous experience in German. First course in a two-course sequence to develop competence in culture, speaking and writing, listening and reading comprehension in German. *(Fall, Spring, Summer) (Evenings)*

SPAN 1201. Elementary Spanish I. (4) For students with limited or no previous experience in Spanish. First course in a two-course sequence to develop competence in culture, speaking and writing, listening and reading comprehension in Spanish. *(Fall, Spring, Summer) (Evenings)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 16, 2004

RE: Request to replace FREN/GERM/SPAN 1102 with FREN/GERM/SPAN 1202

The request to replace FREN/GERM/SPAN 1102 with FREN/GERM/SPAN 1202 was approved by the chair of the Undergraduate Course and Curriculum Committee on December 14, 2004, for immediate implementation.

Catalog Copy:

FREN 1202. Elementary French II. (4) Prerequisite: FREN 1201 or equivalent. Second course in a two-course sequence to develop competence in culture, speaking and writing, listening and reading comprehension in French. *(Fall, Spring, Summer)(Evenings)*

GERM 1202. Elementary German II. (4) Prerequisite: GERM 1201 or equivalent. Second course in a two-course sequence to develop competence in culture, speaking and writing, listening and reading comprehension in German. *(Fall, Spring, Summer)(Evenings)*

SPAN 1202. Elementary Spanish II. (4) Prerequisite: SPAN 1201 or equivalent. Second course in a two-course sequence to develop competence in culture, speaking and writing, listening and reading comprehension in Spanish. *(Fall, Spring, Summer)(Evenings)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 16, 2004

RE: Request to establish SPAN 2200: Spanish for Reading Knowledge & to renumber FREN 2208 to FREN 2200

The request to establish SPAN 2200: Spanish for Reading Knowledge & to renumber FREN 2208 to FREN 2200 was approved by the chair of the Undergraduate Course and Curriculum Committee on December 14, 2004, for immediate implementation.

Catalog Copy:

SPAN 2200. Spanish for Reading Knowledge. (3) Prerequisite: SPAN 1202 or equivalent. Review of Spanish grammar with emphasis on developing reading skills. Taught primarily in English. Does not count for major or minor credit. *(Fall, Spring, Summer)*

FREN 2200. French for Reading Knowledge. (3) Prerequisite: FREN 1202 or equivalent. Review of French grammar with emphasis on developing reading skills. Taught primarily in English. Does not count for major or minor credit. *(Fall and/or Spring)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 16, 2004

RE: Request to revise the course description for CJUS 3100 and CJUS 4103

The request to revise the course description for CJUS 3100 and CJUS 4103 was approved by the chair of the Undergraduate Course and Curriculum Committee on December 14, 2004, for immediate implementation.

Catalog Copy:

CJUS 3100. Criminal Justice Theory. (3) This course provides students with an overview of the dominant theoretical explanations for crime and deviance. Special attention is given to the empirical research on these theories and their corresponding policy/program recommendations for reducing crime and delinquency in society. *(Fall, Spring)*

CJUS 4103. International Criminal Justice. (3) Prerequisite: junior standing. Examination of the patterns and trends in international crime such as terrorism, transnational organized crime, and trafficking in people, and a review of how the legal traditions of common law, civil law, Islamic law and socialist legal systems are structured and function. *(On demand)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 16, 2004

RE: Request to Revise the Methods Sequence for Political Science Majors

The request to Revise the Methods Sequence for Political Science Majors was approved by the chair of the Undergraduate Course and Curriculum Committee on December 7, 2004, for immediate implementation.

Specific Changes:

- ❖ Eliminate POLS 4220 and POLS 2000.
- ❖ Renumber POLS 3163 to POLS 4163.
- ❖ Renumber POLS 3110 to POLS 4110
- ❖ Remove the requirement for STAT 1222 from the related work requirement.
- ❖ Add New courses: POLS 2220, POLS 4600

Catalog Copy:

POLS 2220. Political Science Methods. (4) Prerequisite: at least one introductory Political Science course. This course builds the knowledge skills ability (KSA) of students, in other words increases their information literacy. emphasis on how to do literature searches, write professional papers as political scientists, and manipulate data with computer statistical packages. restricted to Political Science majors. Recommended to be taken before majors begin to take upper level courses. Three hours of lecture and one hour of computer laboratory per week. *(Fall, Spring)*

POLS 4600. Senior Seminar. (3) (O, W) Prerequisite: POLS 1110, POLS 1130, POLS 1150, and POLS 2220. Capstone course for majors only. Seminar style exploration of a selected topic in the discipline. Includes writing a research paper and presenting the results to the class. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 16, 2004

RE: Request to establish POLS 3133: Middle East Politics

The request establish POLS 3133: Middle East Politics was approved by the chair of the Undergraduate Course and Curriculum Committee on December 7, 2004, for immediate implementation.

Catalog Copy:

POLS 3133. Middle East Politics. (3) Political development of Middle Eastern states from the period of European colonization to today. Topics include Arab nationalism, Islamism, the Palestinian-Israeli conflict, democratization, oil and economic development and regional security. *(Yearly)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 15, 2004

RE: Request for additional miscellaneous editorial changes for the 2005-2007 Undergraduate Catalog from the Department of Music

The request for additional miscellaneous editorial changes for the 2005-2007 Undergraduate Catalog from the Department of Music was approved by the chair of the Undergraduate Course and Curriculum Committee on December 12, 2004, for immediate implementation.

Catalog Copy:

Item number	Current Catalog Copy	Proposed Catalog Copy
23	<p>MUSC 1230. Musical Structure and Style I. (2) Prerequisite: consent of instructor. Study of music fundamentals through simple tonality and 4-part writing. Three contact hours. <i>(Fall)</i></p>	<p>MUSC 1230. Musical Structure and Style I. (2) Prerequisite: consent of instructor. MUSC 0930 or placement by the department. Study of music fundamentals through simple tonality and 4-part writing. Three contact hours. <i>(Fall)</i></p>
24	<p>MUSC 1231. Musical Structure and Style II. (2) Prerequisite: consent of instructor. A continuation of MUSC 1230. Further study of tonal relations, including secondary dominants and modulation. Three contact hours. <i>(Spring)</i></p>	<p>MUSC 1231. Musical Structure and Style II. (2) Prerequisite: consent of instructor. MUSC 1230 or placement by the department. A continuation of MUSC 1230. Further study of tonal relations, including secondary dominants and modulation. Three contact hours. <i>(Spring)</i></p>
25	<p>MUSC 1233. Class Piano I. (1) Prerequisite: Departmental permission. Class instruction in piano. Three contact hours. <i>(Fall)</i></p>	<p>MUSC 1233. Class Piano I. (1) Prerequisite: Departmental permission. Placement by the department. Class instruction in piano. Three contact hours. <i>(Fall)</i></p>

26	MUSC 1234. Class Piano II. (1) Prerequisite: Departmental permission. A continuation of MUSC 1233. Three contact hours. <i>(Spring)</i>	MUSC 1234. Class Piano II. (1) Prerequisite: Departmental permission. MUSC 1233 or placement by the department. A continuation of MUSC 1233. Three contact hours. <i>(Spring)</i>
27	MUSC 1260. Ear Training I. (1) Prerequisite: consent of instructor. The development of aural skills through sight singing, melodic, rhythmic and harmonic dictation. Three contact hours. <i>(Fall)</i>	MUSC 1260. Ear Training I. (1) Prerequisite: consent of instructor. MUSC 0960 or placement by the department. The development of aural skills through sight singing, melodic, rhythmic and harmonic dictation. Three contact hours. <i>(Fall)</i>
28	MUSC 1261. Ear Training II. (1) Prerequisite: consent of instructor. Continuation of Ear Training I. Three contact hours. <i>(Spring)</i>	MUSC 1261. Ear Training II. (1) Prerequisite: consent of instructor. MUSC 1260 or placement by the department. Continuation of Ear Training I. Three contact hours. <i>(Spring)</i>
29	MUSC 2230. Musical Structure and Style III. (2) Prerequisite: consent of instructor. A continuation of MUSC 1231. Further study in tonal relations, including borrowed chords, Neapolitan and augmented sixth chords. Three contact hours. <i>(Fall)</i>	MUSC 2230. Musical Structure and Style III. (2) Prerequisite: consent of instructor. MUSC 1231 or placement by the department. A continuation of MUSC 1231. Further study in tonal relations, including borrowed chords, Neapolitan and augmented sixth chords. Three contact hours. <i>(Fall)</i>
30	MUSC 2231. Musical Structure and Style IV. (2) Prerequisite: consent of instructor. A continuation of MUSC 2230. Study of late 19th and early 20th century chromaticism, including impressionism--may include a study of some formal designs. Three contact hours. <i>(Spring)</i>	MUSC 2231. Musical Structure and Style IV. (2) Prerequisite: consent of instructor. MUSC 2230 or placement by the department. A continuation of MUSC 2230. Study of late 19th and early 20th century chromaticism, including impressionism--may include a study of some formal designs. Three contact hours. <i>(Spring)</i>
31	MUSC 2233. Class Piano III. (1) Prerequisite: Departmental permission. Continuation of Class Piano II. Three contact hours. <i>(Fall)</i>	MUSC 2233. Class Piano III. (1) Prerequisite: MUSC 1234 or placement by the department. Continuation of Class Piano II. Three contact hours. <i>(Fall)</i>
32	MUSC 2234. Class Piano IV. (1) Prerequisite: Departmental permission. Continuation of Class Piano III. Two contact hours. <i>(Spring)</i>	MUSC 2234. Class Piano IV. (1) Prerequisite: MUSC 2233 or placement by the department. Continuation of Class Piano III- Two contact hours. <i>(Spring)</i>
33	MUSC 2260. Ear Training III. (1) Prerequisite: consent of instructor. Continuation of Ear Training II. Three contact hours. <i>(Fall)</i>	MUSC 2260. Ear Training III. (1) Prerequisite: consent of instructor. MUSC 1261 or placement by the department. Continuation of Ear Training II. Three contact hours. <i>(Fall)</i>
34	MUSC 2261. Ear Training IV. (1) Prerequisite: consent of instructor. Continuation of Ear Training III. Three contact hours. <i>(Spring)</i>	MUSC 2261. Ear Training IV. (1) Prerequisite: MUSC 2260 or placement by the department. Continuation of Ear Training III. Three contact hours. <i>(Spring)</i>

35	MUSC 3230. Musical Structure and Style V. (3) Prerequisite: consent of instructor. Continuation of MUSC 2231. Study of 20th century music, including Neoclassicism, Post-serialism, Minimalism, and Neoromanticism. <i>(Fall)</i>	MUSC 3230. Musical Structure and Style V. (3) Prerequisite: consent of instructor. MUSC 2231 or placement by the department. Continuation of MUSC 2231. Study of 20th century music, including Neoclassicism, Post-serialism, Minimalism, and Neoromanticism. <i>(Fall)</i>
36	MUSC 3231. Musical Structure and Style VI. (3) Prerequisite: consent of instructor. Study of larger musical structures such as symphony, concerto, contrapuntal designs, and 20th century approaches to form and analysis. <i>(Spring)</i>	MUSC 3231. Musical Structure and Style VI. (3) Prerequisite: consent of instructor. MUSC 3230 or placement by the department. Study of larger musical structures such as symphony, concerto, contrapuntal designs, and 20th century approaches to form and analysis. <i>(Spring)</i>

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 15, 2004

RE: Request for miscellaneous editorial changes for the 2005-2007 Undergraduate Catalog from the Department of Music

The request for miscellaneous editorial changes for the 2005-2007 Undergraduate Catalog from the Department of Music was approved by the chair of the Undergraduate Course and Curriculum Committee on December 12, 2004, for immediate implementation.

Catalog Copy:

Item number	Current Catalog Copy	Proposed Catalog Copy

1	<p>MUED 4193. Secondary Music Methods. (2) Methods and materials for teaching music to junior and senior high school students. <i>(On demand)</i></p>	<p>MUED 4193. Secondary Music Methods. (2) Prerequisite: consent of instructor. Methods and materials for teaching general and non-performance-based music courses to junior middle-school and senior high-school senior-high-school students. Two contact hours. Field work required. <i>(On demand)</i></p>
2	<p>MUSC 1111. Jazz Ensemble. (1) Prerequisite: consent of instructor. A performing ensemble. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i></p>	<p>MUSC 1111. Jazz Ensemble. (1) Prerequisite: consent of instructor. A performing ensemble. audition. An ensemble specializing in performance and study of music composed for standard "big band" instrumentation. Performs music styles from the Swing era to present day. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i></p>
3	<p>MUSC 1128. Special Vocal Ensemble. (1) A performing ensemble. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i></p>	<p>MUSC 1128. Special Vocal Ensemble. (1) A performing ensemble. Prerequisite: permission of the instructor. An alternative to the traditional ensembles listed above for students with specialized experience. Enrollment restricted to music majors. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i></p>
4	<p>MUSC 2235. Jazz Improvisation I. (2) Prerequisite: consent of instructor. An introduction to major, minor diminished, augmented, 7th, 9th, 11th, and 13th chords and to their usage within the confines of a piece of music with particular attention to the melodic line. <i>(Fall)</i></p>	<p>MUSC 2235. Jazz Improvisation I. (2) Prerequisite: consent of instructor. Prerequisites: MUSC 1230, MUSC 1231 and/or consent of instructor. An introduction to major, minor diminished, augmented, 7th, 9th, 11th, and 13th chords and to their usage within the confines of a piece of music with particular attention to the melodic line, jazz theory and its execution through instrumental improvisation. Detailed study of harmony, chord/scale relationships, musical forms, and the integration of this knowledge into performance. <i>(Fall)</i></p>
5	<p>MUSC 2236. Jazz Improvisation II. (2) Prerequisite: consent of instructor. An expansion of MUSC 2235, with particular attention to refinement and maturity of the melodic line. <i>(Spring)</i></p>	<p>MUSC 2236. Jazz Improvisation II. (2) Prerequisite: Prerequisites: consent of instructor. MUSC 2235 and/or consent of instructor. An expansion A continuation of MUSC 2235, with particular attention to refinement and maturity of the melodic line greater emphasis on performance and integration of advanced harmonic/melodic devices and concepts, solo transcriptions, basic piano voicings, and composition memorization. <i>(Spring)</i></p>

6	MUSC 3170. Music History I. (3) (O) Prerequisite: consent of instructor. Limited to music majors only. Music history and literature from the Medieval Period through the Classical era. (Fall)	MUSC 3170. Music History I. (3) (O) (W) Prerequisite: consent of instructor. MUSC 2231 and MUSC 2261. Limited to music majors only. Music history and literature from the Medieval Period Classical antiquity through the Classical era Baroque period. (Fall)
7	MUSC 3171. Music History II. (3) (W) (O) Prerequisite: consent of instructor. Limited to music majors only. Music history and literature from the Romantic Era to the present. (Spring)	MUSC 3171. Music History II. (3) (W) (O) Prerequisite: MUSC 3170 or consent of instructor. Limited to music majors only. Music history and literature from the Romantic Era Classical period to the present. (Spring)
8	MUSC 4900. Senior Project. (3) Prerequisite: pass all portions of the Sophomore Screening examination and have permission of the chairperson. The project can consist of written historical, theoretical, technological research; original compositions recorded, performed or a lecture supported by written original research and documentation. (Fall, Spring)	MUSC 4900. Senior Project. (3) Prerequisite: permission of the chairperson and pass successful completion of all portions of the Sophomore Screening examination. and have permission of the chairperson. The project can may consist of written historical, theoretical, or technological research; original compositions recorded, and performed; performed; or a lecture supported by written original research and documentation. (Fall, Spring)

Changes in Course Title and/or Contact Hours (and course descriptions on some)

Item number	Current Catalog Copy	Proposed Catalog Copy
9	MUED 4141. Music Teaching Methods and Learning Theory. (2) Prerequisite: consent of instructor. Study and application in the elementary school music class of the music teaching/movement methods and philosophies of Orff, Dalcroze, Laban, Gordon, and Kodaly. Field work required. Three contact hours. (Spring)	MUED 4141. Music Teaching Methods Education and Learning Theory in the Elementary Classroom. (2) Prerequisite: consent of instructor. Study and application in the elementary school music class of the music teaching/movement methods and philosophies of Students will study various approaches to the music education of children, including those of Orff, Dalcroze, Laban, Gordon, and Kodaly. Field work required. Three Two contact hours. (Spring)
10	MUED 4151. Computer Skills for the Music Educator. (2) Prerequisite: consent of instructor. The study of contemporary MIDI and computer related technologies available to the music educator. One contact hour. (Fall)	MUED 4151. Computer Skills for the Music Educator. (2) Prerequisite: consent of instructor. The study of contemporary MIDI and computer related technologies available to the music educator. One Two contact hour hours. (Fall)

11	<p>MUED 4192. Elementary Music Methods. (2) Prerequisite: consent of instructor. Methods and materials for teaching music to elementary school children. Field work required. (10 hours of observations, 2- 15 minute teaching experiences) <i>(Fall)</i></p>	<p>MUED 4192. Elementary Music Methods. (2) Prerequisite: consent of instructor. Methods and materials for teaching music to elementary school children. Additional attention to philosophy and portfolio development. Two contact hours. Field work required. (10 hours of observations, 2-15 minute teaching experiences) <i>(Fall)</i></p>
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Changes in course description

12	<p>MUSC 1112. Symphonic Wind Ensemble. (1) A performing ensemble. May be repeated for credit. Audition is required. Four contact hours. <i>(Fall, Spring)</i></p>	<p>MUSC 1112. Symphonic Wind Ensemble. (1) A performing ensemble open to advanced wind and percussion players from any major. Auditions required every semester. Performs traditional and contemporary band literature in concerts twice each semester. Occasional concert tours and performances for important regional music events. May be repeated for credit. Audition is required. Four contact hours. <i>(Fall, Spring)</i></p>
13	<p>MUSC 1113. Concert Band. (1) A performing ensemble. May be repeated for credit. No audition required. Three contact hours. <i>(Fall, Spring)</i></p>	<p>MUSC 1113. Concert Band. (1) A performing ensemble open to all students and members of the community with experience playing wind and percussion instruments. No formal audition required, only a simple hearing to determine part placement. Performs traditional and contemporary band literature in concerts twice each semester. May be repeated for credit. No audition required. Three Two contact hours. <i>(Fall, Spring)</i></p>
14	<p>MUSC 1114. Basketball Band. (1) A performing ensemble. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i></p>	<p>MUSC 1114. Basketball Band. (1) Prerequisite: consent of instructor. A performing ensemble for University athletic contests and other campus events. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i></p>
15	<p>MUSC 1119. Special Instrumental Ensemble. (1) A performing ensemble. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i></p>	<p>MUSC 1119. Special Instrumental Ensemble. (1) Prerequisite: consent of instructor. A performing ensemble. An alternative to traditional ensembles listed above for students with specialized performance interests. Enrollment restricted to music majors. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i></p>
16	<p>MUSC 1120. University Chorale. (1) A performing ensemble. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i></p>	<p>MUSC 1120. University Chorale. (1) A performing ensemble. Prerequisite: permission of the instructor and completion of MUSC 1122 or MUSC 1123 or MUSC 09XX. A mixed chorus that performs music of many styles from the Baroque period to the present. The enrollment ranges from 46 to 58 voices. Open to all UNCC students with extensive choral experience. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i></p>
17	<p>MUSC 1121. Chamber Singers. (1) Prerequisite: audition. A performing</p>	<p>MUSC 1121. Chamber Singers. (1) Prerequisite: audition. A performing ensemble. A highly-select mixed ensemble that</p>

	ensemble. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i>	ranges in size from 15 to 26 voices. This ensemble specializes in virtuosic literature from the Renaissance, Early Baroque, and Contemporary periods. Open to all UNCC students. A full-year commitment is expected. May be repeated for credit. Three contact hours. <i>(Fall, Spring)</i>
18	MUSC 1122. Men's Chorus. (1) A performing ensemble. May be repeated for credit. Three contact hours. <i>(On Demand)</i>	MUSC 1122. Men's Chorus (Mallard Creek Chorale). (1) A performing ensemble. The Mallard Creek Chorale is a popular performing ensemble for men in the glee tradition. The group performs several times each semester, including occasionally at off-campus and athletic events. The ensemble performs folk, spirituals, Broadway, patriotic, barbershop, du-wop, and other musical styles traditional for men's choruses. Open to all male UNCC students with an interest in singing. Emphasis is placed on building vocal technique and sight-singing ability. May be repeated for credit. Three contact hours. <i>(On Demand)</i> <i>(Fall, Spring)</i>
19	MUSC 1123. Women's Vocal Ensemble. (1) A performing ensemble. May be repeated for credit. Three contact hours. <i>(On Demand)</i>	MUSC 1123. Women's Vocal Ensemble (Charlotteans). (1) A performing ensemble. Charlotteans is a women's ensemble open to all female UNCC students with an interest in singing. Performance literature ranges from Renaissance through contemporary. Emphasis is placed on building vocal technique and sight-singing ability. May be repeated for credit. Three contact hours. <i>(On Demand)</i> <i>(Fall, Spring)</i>
20	MUSC 1221. Classroom Instruments. (1) Playing and teaching techniques and materials for rhythm instruments, autoharp, guitar, and mallet (Orff) instruments. <i>(Spring)</i>	MUSC 1221. Classroom Instruments. (1) Playing and teaching techniques and materials for rhythm instruments, autoharp, guitar, and mallet (Orff) instruments. A study of various elementary classroom instruments, including percussion, mallet (Orff) instruments, autoharp and guitar. Students will develop/review basic music-reading skills applicable to the playing and teaching of these instruments. One contact hour. <i>(Spring)</i>
21	MUSC 2191. Incorporating Music Into the Elementary Classroom. (3) Student will develop basic music skills through elemental media. Field work required. (3 hours of observations) (For non-majors only) <i>(Fall)</i>	MUSC 2191. Incorporating Music Into the Elementary Classroom. (3) Student Students will develop basic music skills through elemental media that will allow them to choose, prepare and teach appropriate music materials for inclusion in the classroom curricula. Non-music majors only. Three contact hours. Field work required. (3 hours of observations) (For non-majors only) <i>(Fall)</i>

Changes in credit hours

<p>22</p>	<p>MUSC 1240-1259. Applied Music. Courses consist of private instruction, one-half hour instruction per credit hour, per week. Unless instructed otherwise, students should take a one-hour lesson per week (2 credits). Minimum of one hour practice per day per credit hour. May be repeated for credit. Students must sign up for the required lab, MUSC 12XX.L01, concurrently.</p> <p>MUSC 1240. Applied Music: Euphonium. (1-2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1241. Applied Music: Trumpet. (1-2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1242. Applied Music: French Horn. (1-2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1243. Applied Music: Trombone. (1-2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1244. Applied Music: Tuba. (1-2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1245. Applied Music: Guitar. (1-2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1246. Applied Music: Harp. (1-2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p>	<p>MUSC 1240-1259. Applied Music. Courses consist of private instruction, one-half hour of instruction per credit hour, per week. Unless instructed otherwise, students should take a one-hour lesson per week (2 credits). Minimum of one hour practice per day per credit hour. May be repeated for credit. Students must sign up for the required lab, MUSC 12XX.L01, concurrently.</p> <p>MUSC 1240. Applied Music: Euphonium. (1-2 2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1241. Applied Music: Trumpet. (1-2 2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1242. Applied Music: French Horn. (1-2 2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1243. Applied Music: Trombone. (1-2 2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1244. Applied Music: Tuba. (1-2 2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1245. Applied Music: Guitar. (1-2 2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1246. Applied Music: Harp. (1-2 2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1247. Applied Music: Organ. (1-2 2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p> <p>MUSC 1248. Applied Music: Piano. (1-2 2) Prerequisite: consent of instructor. <i>(Fall, Spring)</i></p>
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<p>MUSC 1247. Applied Music: Organ. (1-2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>	<p>MUSC 1249. Applied Music: Violin. (1-2 2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>
<p>MUSC 1248. Applied Music: Piano. (1-2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>	<p>MUSC 1250. Applied Music: Viola. (1-2 2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>
<p>MUSC 1249. Applied Music: Violin. (1-2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>	<p>MUSC 1251. Applied Music: Cello. (1-2 2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>
<p>MUSC 1250. Applied Music: Viola. (1-2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>	<p>MUSC 1252. Applied Music: Bass. (1-2 2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>
<p>MUSC 1251. Applied Music: Cello. (1-2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>	<p>MUSC 1253. Applied Music: Voice. (1-2 2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>
<p>MUSC 1252. Applied Music: Bass. (1-2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>	<p>MUSC 1254. Applied Music: Flute. (1-2 2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>
<p>MUSC 1253. Applied Music: Voice. (1-2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>	<p>MUSC 1255. Applied Music: Clarinet. (1-2 2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>
<p>MUSC 1254. Applied Music: Flute. (1-2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>	<p>MUSC 1256. Applied Music: Saxophone. (1-2 2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>
<p>MUSC 1255. Applied Music: Clarinet. (1-2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>	<p>MUSC 1257. Applied Music: Oboe. (1-2 2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>
<p>MUSC 1256. Applied Music: Saxophone.</p>	<p>MUSC 1258. Applied Music: Bassoon. (1-2 2) Prerequisite: consent of instructor. (<i>Fall, Spring</i>)</p>
	<p>MUSC 1259. Applied Music: Percussion. (1-2 2) Prerequisite:</p>

	<p>(1-2) Prerequisite: consent of instructor. (Fall, Spring)</p> <p>MUSC 1257. Applied Music: Oboe. (1-2) Prerequisite: consent of instructor. (Fall, Spring)</p> <p>MUSC 1258. Applied Music: Bassoon. (1-2) Prerequisite: consent of instructor. (Fall, Spring)</p> <p>MUSC 1259. Applied Music: Percussion. (1-2) Prerequisite: consent of instructor. (Fall, Spring)</p>	<p>consent of instructor. (Fall, Spring)</p>
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MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 15, 2004

RE: Request for miscellaneous editorial changes for the 2005-2007 Undergraduate Catalog from the Department of Political Science

The request for miscellaneous editorial changes for the 2005-2007 Undergraduate Catalog from the Department of Political Science was approved by the chair of the Undergraduate Course and Curriculum Committee on December 7, 2004, for immediate implementation.

Specific Changes:

- ❖ Combine the courses listed under the heading “Comparative Politics and Area Studies” and the heading “International Politics” under one heading “Comparative and International Politics.”
- ❖ **Eliminate POLS 3050 from the catalog.**
- ❖ Revise POLS 3030 editorially.
- ❖ Change the course listing “Political Philosophy” to “Political and Legal Philosophy.”
- ❖ **Eliminate POLS 3149: Japanese Politics**
- ❖ **Eliminate POLS 3167: US and Japan.**
- ❖ **Eliminate POLS 3137: Political Corruption.**
- ❖ Revise POLS 3135 editorially.
 - ❖ Revise POLS 3175 editorially.
 - ❖ Revise POLS 3119 editorially.
 - ❖ Revise POLS 3121 editorially.
 - ❖ Revise POLS 3114 editorially.
 - ❖ Add POLS 3114, 3115, 3121, 3135, and 3154 to the Public Policy Concentration.

Catalog Copy:

POLS 3030. Topics in Comparative and International Politics. (1-4) An intensive study of a topic in comparative or international politics or area studies. The particular topic investigated may vary from semester to semester, and a student may take more than one course under this number. *(On demand)*

POLS 3135. Terrorism. (3) Addresses four basic questions: (1) What is terrorism? (2) Why does it occur? (3) How does terrorism network? (4) What are the legal, political, and military coping strategies for terrorism? Emphasis on building an understanding of the nature and root causes of terrorism, and understanding the behavioral and psychological framework of terrorism and responses to it. *(Yearly)*

POLS 3175. Philosophy of Law. (3)

Philosophy underlying the legal system and the Anglo-American practice of law. Will usually include topics such as what is “law,” obligation to obey the law, liberty, privacy and tolerance, and criminal responsibility and punishment. *(Yearly)*

POLS 3119. State and Local Government. (3)

An introduction to state and local governments, politics, and policies in the United States. Particular attention is paid to state and local government in North Carolina. *(Yearly)*

POLS 3121. Urban Politics and Policy. (3)

Political analysis of a variety of public policy problems in urban areas and proposals to solve them. Attention will be paid to both the substance of the urban policy problem and ways to evaluate alternative solutions. *(Yearly)*

POLS 3114. Constitutional Law and Policy. (3)

Development of American constitutionalism (especially federalism and the separation of powers) with major emphasis on constitutional law as a form of public policy and the U.S. Supreme Court as a policy maker. *(Yearly)*

Concentration in Public Policy.

. . . This 18 hours must include POLS 2120 and at least 15 hours selected from POLS 3114, 3115, 3121, 3124, 3125, 3126, 3132, 3135, 3154, 3157, 3161, 3169, 3175 or some other public policy course specifically designated by the Chair of the Political Science Department. . .

Subheadings for course listings (pp. 248-249 of old Catalog):

Comparative and International Politics

[all courses in the old categories of "Comparative Politics and Area Studies" and "International Politics" would then be listed in numerical order under this one heading]

Political and Legal Philosophy

[Old heading "Political Philosophy"]

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 15, 2004

RE: Request to cross-list 3 courses with Gerontology: ANTH 3132 cross-listed with GRNT 3132; SOCY 4134 cross-listed with GRNT 4134; SOCY 4150 cross-listed with GRNT 4150

The request to cross-list 3 courses with Gerontology: ANTH 3132 cross-listed with GRNT 3132; SOCY 4134 cross-listed with GRNT 4134; SOCY 4150 cross-listed with GRNT 4150 was approved by the chair of the Undergraduate Course and Curriculum Committee on December 7, 2004, for immediate implementation.

Catalog Copy:

GRNT 3132. Aging and Culture. (3) (W) Crosslisted as ANTH 3132. Examination of the processes of aging in various cultural contexts, with emphasis on the implications for understanding aging within American society. Application of anthropological theories and methods to the study of aging. *(On demand)*

GRNT 4134. Families and Aging. (3) Crosslisted as SOCY 4134. Prerequisite: SOCY 1101 or consent of instructor. Theories explaining the formation and functioning of American families with emphasis on the impact of the aging of society. Examination of the current demographic trends and expectations of multigenerational families, as well as the future demands and modifications. *(On demand)*

GRNT 4150. Older Individual and Society. (3) Crosslisted as SOCY 4150. Prerequisite: SOCY 1101 or consent of instructor. Review of the theories explaining the formation and functioning of American families with emphasis on the impact of the aging of society. Examination of the current demographic trends and expectations of multigenerational families, as well as the future demands and modifications. *(Yearly)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 15, 2004

RE: Request to change course title of GRNT 2100 from Introduction to Gerontology to Aging and the Lifecourse, revise the course description, and cross list with SOCY 2100

The request to change course title of GRNT 2100 from Introduction to Gerontology to Aging and the Lifecourse, revise the course description, and cross list with SOCY 2100 was approved by the chair of the Undergraduate Course and Curriculum Committee on December 7, 2004, for immediate implementation.

Catalog Copy:

GRNT 2100. Aging and the Lifecourse. (3) An interdisciplinary course that examines the phenomenon of aging and its consequences for society from a variety of perspectives. Students participate in lectures, discussions and service learning projects designed to give them a broad overview of the field of gerontology. Emphasis on the wide variation in the aging process and approaches to meeting the needs of the aging population. *(Annually)*

SOCY 2100. Aging and the Lifecourse. (3) An interdisciplinary course that examines the phenomenon of aging and its consequences for society from a variety of perspectives. Students participate in lectures, discussions and service learning projects designed to give them a broad overview of the field of

gerontology. Emphasis on the wide variation in the aging process and approaches to meeting the needs of the aging population. *(Annually)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 14, 2004

RE: Request to renumber ESCI 2105 to ESCI 3105 and add two prerequisites

The request to renumber ESCI 2105 to ESCI 3105 and add two prerequisites was approved by the chair of the Undergraduate Course and Curriculum Committee on December 7, 2004, for immediate implementation.

Catalog Copy:

ESCI 3105. Oceanography. (3) Prerequisites: ESCI 1101 and GEOL 1200 or consent of instructor. Physical, chemical and geological aspects of the world's oceans. Emphasis on oceanic exploration techniques, oceanic circulation, seawater chemistry, marine geology and coastal systems.. *(On demand)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

Dean Karen Schmaling, College of Health & Human Services

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to establish Health Psychology Ph.D. Program

The request to establish a Health Psychology Ph.D. Program was approved by the Graduate Council on November 10, 2004 and by the Faculty Council on the November 15, 2004 Consent Calendar, for forwarding to the Office of the President.

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to delete two prerequisites from PPOL 8667

The request to delete two prerequisites from PPOL 8667 was approved by the chair of the Graduate Council on November 29, 2004, for immediate implementation.

Catalog Copy:

PPOL 8667: Economics of Health and Health Care

Prerequisite: Full graduate standing in the Ph.D. in Public Policy or permission of the Instructor. This course will use economic theory and econometrics to analyze the functioning of the health care sector and appropriate public policy. Topics will include: how markets for medical care differ from other markets, the demand for medical care, the demand and supply of health insurance, the role of competition in medical markets, managed care, managed competition, and the role of the public sector in regulating and financing health care. *(Fall)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts and Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to approve HIST 2100 and HIST 3798 as meeting both the W and O goals associated with the General Education Program.

The request to approve HIST 2100 and HIST 3798 as meeting both the W and O goals associated with the General Education Program was approved by the Associate Dean for General Education (Dr. Mark West) and the Associate Provost (Dr. Wayne Walcott) on December 3, 2004. [This approval should be made retroactive to the semesters since Spring 2003.](#)

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to remove the prerequisites to existing courses OPTI 6101/8101, OPTI 6102/8102, and OPTI 6104/8104, to change the prerequisites of OPTI 6105/8105 and OPTI 6211/8211, and to change the semester in which OPTI 6242/8242 is offered

The request to remove the prerequisites to existing courses OPTI 6101/8101, OPTI 6102/8102, and OPTI 6104/8104, to change the prerequisites of OPTI 6105/8105 and OPTI 6211/8211, and to change the semester in which OPTI 6242/8242 is offered was approved by the chair of the Graduate Council on November 18, 2004, for immediate implementation.

Catalog Copy:

OPTI 6101/8101. Mathematical Methods of Optical Science and Engineering. (3)

Topics include: Matrix theory, series and Frobenius methods of solutions to ordinary differential equations, separation of variables techniques for partial differential equations, special functions, Fourier series, and transform methods. Topical coverage will emphasize applications specific to the field of optics. Three lecture hours per week. *(Fall)*

OPTI 6102/8102. Principles of Geometrical and Physical Optics. (3)

Ray analysis of common optical elements (mirrors, lenses and systems of lenses, prisms). Reflection and refraction at plane and spherical surfaces, thin and thick lenses, lensmaker's equation, field of view, and numerical aperture. Wave properties of light, superposition of waves, diffraction, interference, polarization, and coherence. Optics of thin films. Three lecture hours per week. *(Fall)*

OPTI 6104/8104. Electromagnetic Waves. (3)

Maxwell's equations, the electromagnetic wave equation, and electromagnetic wave functions. Waves in dielectric and conducting media, dispersion. Reflection, refraction, transmission, internal reflection, and evanescent waves at an interface. Intensity. Introduction to guided waves. Three lecture hours per week. *(Fall)*

OPTI 6105/8105. Optical Properties of Materials. (3)

Prerequisite: OPTI 6104/8104 or permission of the instructor. Photophysical and photochemical processes in materials. Linear and nonlinear optical properties of materials. Optical properties of semiconductors and crystals. Optical transmissions, absorption, and reflection. Fluorescence of organic and inorganic materials. Chiral molecular systems. Three lecture hours per week. *(Spring)*

OPTI 6211/8211. Introduction to Modern Optics. (3)

Prerequisites: OPTI 6102/8102 and OPTI 6104/8104 or permission of the instructor. Fourier analysis and holography, Coherence. Introduction to light production and detection. Optical modulation, including EO effect, Kerreffect, amplitude modulation, magneto-optic effect, photoelastic effect, and acousto-optic effect. Introduction to nonlinear optics. Photonic switching. Three lecture hours per week. *(Spring)*

OPTI 6242/8242. Optical Propagation in Inhomogeneous Media. (3)

Prerequisite: OPTI 6102/8102 and OPTI 6104/8104. Advanced study of free space propagation, scattering, and scintillation of Gaussian and uniform beam waves. Random processes, weak fluctuation theory, propagation through complex paraxial systems. *(Spring, Odd Years)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to change the course numbered PHYS 5210 to PHYS 6210

The request to change the course numbered PHYS 5210 to PHYS 6210 was approved by the chair of the Graduate Council on November 18, 2004, for immediate implementation.

Catalog Copy:

PHYS 6210. Theoretical Physics. (3)

Prerequisite: Consent of Department. Topics include: Matrices, power series, solutions to ordinary and partial differential equations, Hilbert space, Fourier integrals, boundary value problems, Green's functions, and complex analysis. *(Fall)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to add to the description of PHIL 3858: Research Methods and Publication, the following words: "May be repeated for additional credit. No more than six hours may apply towards the major in Philosophy."

The request to add to the description of PHIL 3858: Research Methods and Publication, the following words: "May be repeated for additional credit. No more than six hours may apply towards the major in Philosophy." was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation. [In addition, the opportunity to repeat the course is retroactive for the last two years, to enable students who have already taken the course more than once to count six hours towards the philosophy major and all hours towards graduation.](#)

Catalog Copy:

PHIL 3858. Research Methods and Publication. (3) Permission of the instructor required. Individual instruction in current methods of research in philosophy through participation in a major faculty research project. May be repeated for additional credit. No more than six hours may apply towards the major in Philosophy. (*On demand*)

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to create a new course number, PHIL 2102 for designating writing-intensive sections of Introduction to Philosophy and to change the description of PHIL 2101 in order to properly distinguish the two courses from one another.

The request to create a new course number, PHIL 2102 for designating writing-intensive sections of Introduction to Philosophy and to change the description of PHIL 2101 in order to properly distinguish the two courses from one another was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy:

PHIL 2101. Introduction to Philosophy. (3) (L)

Basic concepts and problems of philosophy such as freedom and determinism, mind-body interaction, the status of moral judgments, and the nature of knowledge. Readings from the works of representative philosophers both

classical and contemporary. Same as PHIL 2102, but does not fulfill the general education writing goal. Students can receive credit for either PHIL 2101 or PHIL 2102, but not both. *(Fall, Spring, Summer) (Evenings)*

PHIL 2102. Introduction to Philosophy – Writing Intensive. (3) (L) (W)

Basic concepts and problems of philosophy such as freedom and determinism, mind-body interaction, the status of moral judgments, and the nature of knowledge. Readings from the works of representative philosophers both classical and contemporary. Makes substantial use of writing as a tool for learning. Same as PHIL 2101, but fulfills the general education writing goal. Students can receive credit for either PHIL 2101 or PHIL 2102, but not both. *(Fall, Spring, Summer) (Evenings)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to change the prerequisites and clarify the description for ARTA 3203: 3D BFA Portfolio Review

The request to change the prerequisites and clarify the description for ARTA 3203: 3D BFA Portfolio Review was approved by the chair of the Undergraduate Course and Curriculum Committee on November 18, 2004, for immediate implementation.

Catalog Copy [\(changes in blue\)](#):

ARTA 3203: 3D BFA Portfolio Review. (1) Prerequisites: ARTA 1211, ARTA 1212, ARTB 1201, ARTB 1202, ARTB 1203, **completion of or concurrent enrollment in ARTB 1205 and ARTB 1206**, and at least three hours completed in **beginning level class** of proposed concentration. Six semester style classes provide guidance with written statements, documentation of artwork and presentation format. Guest speakers present information related to the portfolio packet, eventual career paths and exhibition issues. Portfolio is due during the seventh week of the semester. *(Pass/No Credit) (Fall, Spring)*

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to change the prerequisites and clarify the description for ARTA 3203:
3D BFA Portfolio Review

The request to change the prerequisites and clarify the description for ARTA 3203: 3D BFA Portfolio Review was approved by the chair of the Undergraduate Course and Curriculum Committee on November 18, 2004, for immediate implementation.

Catalog Copy ([changes in blue](#)):

ARTA 3203: 3D BFA Portfolio Review. (1)

Prerequisites: ARTA 1211, ARTA 1212, ARTB 1201, ARTB 1202, ARTB 1203, **completion of or concurrent enrollment in ARTB 1205 and ARTB 1206**, and at least three hours completed in **beginning level class** of proposed concentration. Six semester style classes provide guidance with written statements, documentation of artwork and presentation format. Guest speakers present information related to the portfolio packet, eventual career paths and exhibition issues. Portfolio is due during the seventh week of the semester. *(Pass/No Credit) (Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance
DATE: December 3, 2004
RE: Request to add a prerequisite for ARTP 3132: Figure in Painting

The request to add a prerequisite for ARTP 3132: Figure in Painting was approved by the chair of the Undergraduate Course and Curriculum Committee on November 18, 2004, for immediate implementation.

Catalog Copy (changes in blue)(deletions in red):

ARTP 3132: Figure in Painting. (3) Prerequisites: ARTP 1231 **and completed or co-requisite ARTB 1205** or consent of instructor. Intermediate studio exploring the human form as a vehicle for artistic expression using oil and acrylic paints and mixed media. Six contact hours. *(Spring)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences
FROM: Cathy Sanders, Director of Assessment and Faculty Governance
DATE: December 3, 2004
RE: Request to delete ARTP 2133: Watercolor/Mixed Media

The request to delete ARTP 2133: Watercolor/Mixed Media was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy (changes in blue)(deletions in red):

Please delete ARTP 2133: Watercolor/Mixed Media from the catalog.

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to change the time of offering and edit the title for ARTM 2105: Electronic Media 1

The request to change the time of offering and edit the title for ARTM 2105: Electronic Media 1 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy (changes in blue)(deletions in red):

ARTM 2105: Electronic Media 1. (3) Prerequisites: ARTB 1201, ARTB 1203, and ARTB 1206 or consent of instructor. Methods of digital and electronic production within a fine arts context, Macintosh hardware and software, an historical overview of electronic media artists and artworks, and the Internet as a publishing and research tool. Six hours. *(Fall, Spring, Summer)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to change the time of offering, clarify text, and correct a prerequisite number for ARTE 3467: Student Teaching in Art

The request to change the time of offering, clarify text, and correct a prerequisite number for ARTE 3467: Student Teaching in Art was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy (changes in blue)(deletions in red):

ARTE 3467: Student Teaching in Art. (15) Prerequisites: ARTE ~~3122~~ 4122 and approved application for student teaching; senior status; completion of professional education requirements; grades of C or better in all courses required for licensure. Co-requisite: enrollment only in student teaching. A planned sequence of experiences in the student's area of specialization conducted in an approved school setting under the supervision and coordination of a University supervisor and a cooperating teacher. **The student must demonstrate in which the student demonstrates** the competencies identified for his/her specific teaching filed in an appropriate grade level setting. (*Fall, Spring*)

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to change the time of offering for ARTE 1121: Introduction to Art Education

The request to change the time of offering for ARTE 1121: Introduction to Art Education was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy (changes in blue)(deletions in red):

ARTE 1121: Introduction to Art Education. (1) Introduction to the field of art education, with exploration in learning theories, lesson planning and assessment, and studio projects appropriate for teaching K-12 students. Lecture/lab course. (~~Fall~~, *On Demand*)

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to correct the prerequisite for ARTL 3186: Illustration Media/Method

The request to correct the prerequisite for ARTL 3186: Illustration Media/Method was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy (changes in blue)(deletions in red):

ARTL 3186. Illustration Media/Method. (3) Prerequisites: ARTL 2186, co-requisite or completed ~~ARTD 2137~~ **ARTD 3134** and ARTD 2139 (Illustration concentrates); ARTL 2186 only (Graphic Design concentrates). Tools and techniques of illustration including preliminary sketching, photography, library, and Internet research. *(Fall)*

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Sanders, Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to add a prerequisite for ARTL 2186: Illustration 1

The request to add a prerequisite for ARTL 2186: Illustration 1 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy ([changes in blue](#)):

ARTL 2186. Illustration 1. (3) Prerequisites: ARTB 1201 and **completed or concurrent** ARTB 1205. Survey of the history of illustration and problems in a wide range of media with emphasis on the significant precedents and individuals responsible for shaping the field. Studio projects, demonstrations, and critiques contribute to visual literacy. Six hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: December 3, 2004

RE: Request to add a prerequisite for ARTD 3134: Figure & Anatomy

The request to add a prerequisite for ARTD 3134: Figure & Anatomy was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy ([changes in blue](#)):

ARTD 3134: Figure & Anatomy. (3)

Prerequisites: **ARTB 1201 and** ARTB 1205 or consent of instructor. Emphasizes the study of anatomy as it pertains to drawing. Complex drawing problems in a variety of media. Six contact hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: December 2, 2004

RE: Request to change the prerequisites and clarify the description for ARTA 3202: 2D BFA Portfolio Review

The request to change the prerequisites and clarify the description for ARTA 3202: 2D BFA Portfolio Review was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy [\(changes in blue\)](#)

ARTA 3202. 2D BFA Portfolio Review. (3)

Prerequisites: ARTA 1211, ARTA 1212, ARTB 1201, ARTB 1202, ARTB 1230, **completion of or concurrent enrollment in ARTB 1205 and ARTB 1206**, and at least three hours completed in **beginning level class of** proposed concentration. Six seminar style classes provide guidance with written statements, documentation of artwork and presentation format. Guest speakers present information related to the

portfolio packet, eventual career paths and exhibition issues. Portfolio is due during the seventh week of the semester. *(Pass/No Credit) (Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: December 2, 2004

RE: Request to add a prerequisite for ARTA 2800: Directed Studies in Art

The request to add a prerequisite for ARTA 2800: Directed Studies in Art was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy (changes in blue):

ARTA 2800. Directed Studies in Art. (1-3)

Prerequisite: Consent of instructor **and department**. Directed individual research in a particular artistic field of interest not otherwise offered. May be repeated for credit. *(Fall, Spring, Summer)*

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: December 2, 2004

RE: Request to change the prerequisites and clarify the description for ARTA 3201: Graphic Design & Illustration BFA Portfolio Review

The request to change the prerequisites and clarify the description for ARTA 3201: Graphic Design & Illustration BFA Portfolio Review was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy (changes in blue/deletions in red):

ARTA 3201. Graphic Design & Illustration BFA Portfolio Review. (3)

Prerequisites: ARTA 1211, ARTA 1212, ARTB 1201, ARTB 1202, ARTB 1230, **completion of or concurrent enrollment in ARTB 1205 and ARTB 1206**, and at least three hours completed in **beginning level class of** proposed concentration. Six seminar style classes provide guidance with written statements, documentation of artwork and presentation format. Guest speakers present information related to the portfolio packet, eventual career paths and exhibition issues. Portfolio is due during the seventh week of the semester. *(Pass/No Credit) (Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to add a prerequisite for ARTA 3800: Independent Study in Art

The request to add a prerequisite for ARTA 3800: Independent Study in Art was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy (changes in blue/deletions in red):

ARTA 3800: Independent Study in Art. (1-3)

Prerequisite: Consent of instructor **and department**. Supervised individual research or artistic problems with appropriate documentation of the results. May be repeated for credit. *(Fall, Spring, Summer)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 17, 2004

RE: Request to establish GEOG 2000: Topics in Geography

The request to establish GEOG 2000: Topics in Geography was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy:

GEOG 2000. Topics in Geography. (1-4)

Treatment of major topical or regional issues in Geography. May be repeated for credit as topics vary. *(On demand)*

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 16, 2004

RE: Request to revise catalog copy (delete prerequisite text) for ARTA 4601: BFA Senior Exhibit

The request to revise catalog copy (delete prerequisite text) for ARTA 4601: BFA Senior Exhibit) was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy (Changes in blue) (Deletions in red):

ARTA 4601. BFA Senior Exhibit. (1)

Prerequisite: Senior status, ARTA 3201, ARTA 3202, or ARTA 3203, concurrently enrolled in the final Projects class in the concentration ~~or consent of instructor~~. BFA candidates will prepare, install, and exhibit a body of work to fulfill BFA exit requirement. (Pass/No Credit) (*Fall, Spring*)

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 16, 2004

RE: Request to add a prerequisite for ARTZ 3046: Topics in Metalsmithing/Jewelry

The request to add a prerequisite for ARTZ 3046: Topics in Metalsmithing/Jewelry was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2004, for immediate implementation.

Catalog Copy (Changes in blue) (Deletions in red):

ARTZ 3046. Topics in Metalsmithing/Jewelry. (1-3)

Prerequisite: [ARTZ 2146](#), ~~ARTB 1202~~. Special topics in metalsmithing. May be repeated for credit with change in topic. (*Fall, Spring*)

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 15, 2004

RE: Museum Studies Program – Discontinued

Catalog Copy:

Please **delete** the following courses both from the catalog and from SIS:

MUSEUM STUDIES (MSTS)

MSTS 2101. Introduction to Museum Studies. (3) Survey of the museum profession; types, philosophies, functions and goals of museums; and responsibilities to the profession and to educating the public and scholarly communities. (*On Demand*)

MSTS 3090. Topics in Museum Studies. (1-3) Examination of specialized topics in museum studies. May be repeated for credit as topics vary. (*On demand*)

MSTS 3480. Internship in Museum Studies. (1-3) Prerequisite: Consent of Program Coordinator (Dr. Levy or Dr. Smail). Research and/or in-service training in area museums. Content of each internship will be based upon a contractual agreement between the student, Program Coordinator and museum. Amount of credit to be determined by the nature and extent of the internship assignment. May be repeated for credit up to a maximum of six semester hours. Pass/No Credit basis (*Fall, Spring, Summer*)

MSTS 3895. Directed Individual Studies. (1-3) Prerequisite: Consent of Program Coordinator (Dr. Levy or Dr. Smail). Supervised investigation of problems and areas in the museum profession of special interest to the student. May be repeated for credit. (*Fall, Spring, Summer*)

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 11, 2004

RE: Request to revise the Graduate Certificate in Technical/Professional Writing

The request to revise the Graduate Certificate in Technical/Professional Writing was approved by the chair of the Graduate Council on November 2, 2004, for immediate implementation.

Changes:

- Instead of ENGL 6166 and ENGL 6008 as required courses, [ENGL 6116 and ENGL 5180 will be required courses.](#)
- ENGL 5410 will continue to a required course as an internship experience, but change it for experienced students. [If students have workplace experience, they can use their workplace experience to compile their comprehensive portfolio \(a requirement of the internship course at the present time.\)](#)
- [A total of nine \(9\) of the 15 credit hours in electives must be at the 6000 level.](#)

Catalog Copy ([Changes in blue](#)):

Certificate Course Requirements (9 hours)

[ENGL 6116: Introduction to Technical Communication](#)

[ENGL 5180: Theories of Technical Communication](#)

ENGL 5410: Professional Internship

Certificate Electives (12 hours)

ENGL 6166: Rhetorical Theory

ENGL 6008: Topics in Advanced Technical Communication

ENGL 5181: Writing User Documents

ENGL 5182: Writing and Designing Computer-based Documents

ENGL 5183: Editing Technical Documents

ENGL 5008: Topics in Technical Communications

[Nine credit hours of coursework must be taken at the 6000-level.](#) Other courses as appropriate and approved by the English Department.

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to add a prerequisite to ARTC 4971: Ceramics Projects 1

The request to add a prerequisite to ARTC 4971: Ceramics Projects 1 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy ([changes in blue](#)/[deletions in red](#)):

ARTC 4971: Ceramics Projects 1. (3)

Prerequisites: ARTC 4175 [and ARTA 3303](#) or consent of instructor. Combination studio and seminar class. Continuation of ARTC 4175 with particular emphasis on personal expression and development of a strong individual clay portfolio. Six contact hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to add a prerequisite to ARTL 3187: Children's Book Illustration

The request to add a prerequisite to ARTL 3187: Children's Book Illustration was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy [\(changes in blue/deletions in red\)](#):

ARTL 3187: Children's Book Illustration. (3)

Prerequisites: [ARTA 3201](#), ARTL 2186. Survey of layout, research, storyboard, dummy, and finished artwork necessary to create a children's book for presentation to publishers. Come prepared with an idea for a children's book. Six contact hours. *(Fall) (Alternate Years)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to remove the prerequisite of ARTB 1206: Concepts and Technology from ARTG 2181: Graphic Design 1

The request to remove the prerequisite of ARTB 1206: Concepts and Technology from ARTG 2181: Graphic Design 1 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy [\(changes in blue/deletions in red\)](#):

ARTG 2181: Graphic Design 1. (3)

Prerequisites: ARTB 1201 and ARTB 1203 ~~and ARTB 1206~~. Introduction to basic graphic design and visual communications principles and history of design. Exploration of equipment, materials, techniques and procedures. Emphasis on concept development and basic layout design skills. Six contact hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to change the prerequisites for ARTC 3273: Ceramics 3

The request to change the prerequisites for ARTC 3273: Ceramics 3 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy ([changes in blue](#)/[deletions in red](#)):

ARTC 3273: Ceramics 3. (3)

Prerequisites: ~~ARTC 2171, ARTC 2172 or ARTC 3171 or consent of instructor.~~ Choose two of the following in sequence: ARTC 2171 **and** ARTC 3171 or ARTC 2172 **and** ARTC 3172. Intermediate development of skills and concepts. More advanced materials and firing techniques. Six contact hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to add a prerequisite to ARTD 2139: Drawing 2

The request to add a prerequisite to ARTD 2139: Drawing 2 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy (changes in blue/deletions in red):

ARTD 2139: Drawing 2. (3)

Prerequisites: [ARTB 1201](#) and ARTB 1203 or consent of instructor. Further development of perceptual skills with emphasis on conceptual issues; exploration of subject matter, meaning and content, and thematic development in a variety of black and white and color materials. Six contact hours. *(Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to edit text and change the prerequisite for ARTF 4951: Fiber Projects 1

The request to edit text and change the prerequisite for ARTF 4951: Fiber Projects 1 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy ([changes in blue/deletions in red](#)):

ARTF 4951: Fiber Projects 1. (3)

Prerequisites: ~~15~~ credits of fibers courses ~~including~~ and ARTA3203 or consent of instructor. Advanced level fiber techniques and concepts with emphasis on personal expression and development of individual fiber portfolio. Six contact hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to change the prerequisites for ARTT 4409: Internship in Time Arts

The request to change the prerequisites for ARTT 4409: Internship in Time Arts was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy ([changes in blue/deletions in red](#)):

ARTT 4409: Internship in Time Arts. (3)

Prerequisites: ARTT 3191, ~~ARTT 3291~~, ARTT 4291, [ARTA 3202](#), and consent of instructor, [department, and sponsor](#). Non-salaried opportunity for students to observe, examine, and participate in the creative dynamics and procedural operations of photography and e-media art organizations, photographically and e-media related businesses, or museum studies. Sponsor and faculty supervised. An average of eight hours per week for fifteen weeks for a total of 120 hours. Pass/No Credit. (*Fall, Spring, Summer*)

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to delete the prerequisites for ARTT 2191: Photographic Media 1

The request to delete the prerequisites for ARTT 2191: Photographic Media 1 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy (changes in blue/deletions in red):

ARTT 2191: Photographic Media 1. (3)

Prerequisites: ~~ARTB 1206 or consent of instructor~~. Fundamental principles, processes, and aesthetics of black and white photography. Introduction to photographic theory, operation of cameras, and basic darkroom techniques. Principles of photography as a means of personal expression. Six hours. (*Fall, Spring, Summer*)

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to revise the prerequisites for ARTL 4981: Illustration Projects

The request to revise the prerequisites for ARTL 4981: Illustration Projects was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy (changes in blue/deletions in red):

ARTL 4981: Illustration Projects. (3)

Prerequisites: ARTA 3201, ARTL 3186, ARTL 3286 ~~and BFA status~~; Co-requisite: ARTA 4601 ~~or consent of instructor~~. Initiation and implementation of a self-designed advanced level project solving a complex artistic problem. Research in self promotion, professional practice and portfolio refinement required. Six contact hours. (*Spring*)

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to edit a typographical error and add a prerequisite for ARTR 4961: Printmaking and Drawing Projects 1

The request to edit a typographical error and add a prerequisite for ARTR 4961: Printmaking and Drawing Projects 1 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 1, 2004, for immediate implementation.

Catalog Copy ([changes in blue](#)/[deletions in red](#)):

ARTR 4961: Printmaking and Drawing Projects 1. (3)

Prerequisites: ARTR 3263 [and ARTA 3202](#) or consent of instructor. Studio exploring individual direction(s) in any ~~or-combined~~ media of printmaking and/or drawing and preparation for Senior Exhibition. Six contact hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to remove a prerequisite from ARTH 4212: Contemporary Art Theory & Criticism

The request to remove a prerequisite from ARTH 4212: Contemporary Art Theory & Criticism was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy (changes in blue/deletions in red):

ARTH 4212: Contemporary Art Theory & Criticism. (3)

Prerequisites: ~~ARTH 1212 and~~ ARTH 3210 or consent of instructor. Major ideas and writings which discuss and interpret the visual arts of the contemporary era; readings in theory and criticism from the postmodern and current periods. (*Spring*) (*Alternate Years*)

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 10, 2004

RE: Request to remove a prerequisite from ARTG 3184: Typography

The request to remove a prerequisite from ARTG 3184: Typography was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy (changes in blue/deletions in red):

ARTG 3184: Typography. (3) Prerequisites: ~~ARTG 2181 and~~ ARTG 3183. Investigation of the principles of typography including the expressive characteristics of letterforms, the relationships between image and type, and the application of type to new forms of visual media. Six contact hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 9, 2004

RE: Request to change the prerequisites for ARTL 3286: Illustration Sequence/Story

The request to change the prerequisites for ARTL 3286: Illustration Sequence/Story was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy ([changes in blue](#)/[deletions in red](#)):

ARTL 3286: Illustration Sequence/Story. (3)

Prerequisites: [ARTA 3201](#), ARTL 2186, ~~ARTD 2137~~, [ARTD 3134](#), and co-requisite or completed ARTD 2139 (Illustration concentrates); ARTL 2186 only (Graphic Design concentrates). Relationship between words and pictures. Development of a narrative pictorial approach in problems for a wide variety of markets. Single and sequential images as visual solutions. Six contact hours. *(Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 9, 2004

RE: Request to change the prerequisites for ARTL 3188: The Figure in Illustration

The request to change the prerequisites for ARTL 3188: The Figure in Illustration was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy (changes in blue):

ARTL 3188: The Figure in Illustration. (3)

Prerequisites: [ARTA 3201](#), ~~ARTD 2137~~, [ARTD 3134](#), ARTL 2186 and ARTD 2139. Examination of memory and research techniques to draw the figure in any position or environment. Emphasis on anatomy, form, composition, and costume. Six contact hours. *(Fall)(Alternate Years)*

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 8, 2004

RE: Request to add a prerequisite to ARTG 3408: Graphic Design Internship

The request to add a prerequisite to ARTG 3408: Graphic Design Internship was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy (changes in blue):

ARTG 3408 Graphic Design Internship. (3)

Prerequisites: ARTA 3201, ARTG 3184 and consent of the instructor, [department](#), and sponsor. Placement in a professional setting for observation, and supervised design related duties. An average of ten hours per week for twelve weeks for a total of 120 hours. Written documentation of internship required. Pass/No Credit. *(Fall, Spring, Summer)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 8, 2004

RE: Request to establish HONR 3750: Washington Experience

The request to establish HONR 3750: Washington Experience was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy

HONR 3750. Washington Experience. (3)

A seminar-style, variable topics course, to be taught in Washington, D.C. as a part of the *UNC in Washington Program*. The course will explore the role of a national capital in the determination of public policy and national culture in a diverse democracy using Washington, D.C. as text. Enrollment limited to students currently participating in the *UNC in Washington Program* (completion of this course is considered to be in residence). (*Fall, Spring, Summer*)

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 8, 2004

RE: Request to establish SOCY 3267: Sociology of Dying, Death, and Bereavement (formerly offered as a topics course – SOCY 2090)

The request to establish SOCY 3267: Sociology of Dying, Death, and Bereavement was approved by the chair of the Undergraduate Course and Curriculum Committee on November 4, 2004, for immediate implementation.

Catalog Copy

(formerly offered as a topics course – SOCY 2090)

SOCY 3267. Sociology of Dying, Death, and Bereavement. (3)

Social definitions of death, process of dying, facing death across the life course, grief, bereavement, bioethical issues impacting individuals and society. *(Yearly)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 8, 2004

RE: Request to edit a typographical error for ARTR 3263: Advanced Printmaking and Drawing

The request to edit a typographical error for ARTR 3263: Advanced Printmaking and Drawing was approved by the chair of the Undergraduate Course and Curriculum Committee on November 1, 2004, for immediate implementation.

Catalog Copy:

ARTR 3263. Advanced Printmaking and Drawing. (3)

Prerequisites: ARTA 3202, ARTR 3161 and ARTR 3162 or consent of instructor. Advanced studio with an emphasis on personal artistic themes. Continued exploration and development of expressive image-making concepts and techniques in any ~~or combined~~ media of printmaking and/or drawing. Six contact hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 8, 2004

RE: Request to change course number for ARTE 3122 to ARTE 4122 and edit catalog copy

The request to change course number for ARTE 3122 to ARTE 4122 and edit catalog copy was approved by the chair of the Undergraduate Course and Curriculum Committee on November 1, 2004, for immediate implementation.

Catalog Copy (changes in blue):

ARTE 4122. Art Education Methods 2. (K-12). (3)

Prerequisites: ARTE 4121, receipt of passing Praxis 1 scores, admission to Art Teacher Education program, 2.5 or higher overall GPA, earned grade of C or better in ARTE 4121, earned grade of C or better in EDUC 2100 and SPED 2100. Development of objectives for art education based on personal and historical references, philosophy, and psychology. Relationship of the arts and artists to contemporary society. Curriculum design and classroom management. Six hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 8, 2004

RE: Request to change course number for ARTE 3121 to ARTE 4121

The request to change course number for ARTE 3121 to ARTE 4121 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 1, 2004, for immediate implementation.

Catalog Copy (changes in blue):

ARTE 4121. Art Education Methods 1. (3)

Prerequisites: Recommended to have received passing Praxis 1 scores prior to this course. This course should be taken two semesters prior to proposed student teaching experience. Analysis of learning theories as related to growth and development in the visual arts; organization of tools, media and materials; curriculum design in planning art units and lesson plans; evaluation and motivation techniques. Studio course. Six hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 8, 2004

RE: Request to edit a typographical error for ARTP 4932: Painting Projects 2

The request to edit a typographical error for ARTP 4932: Painting Projects 2 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 1, 2004, for immediate implementation.

Catalog Copy:

ARTP 4932. Painting Projects 2. (3)

Prerequisites: ~~ARTP~~ ARTR 3161 and ARTP 4931 or consent of instructor. Advanced studio continuing exploration of individual directions in painting and preparation for Senior Exhibition. six contact hours. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 3, 2004

RE: Request to establish CHEM 6147 & CHEM 8147: Molecular Photochemistry & Photophysics

The request to establish CHEM 6147 & CHEM 8147: Molecular Photochemistry & Photophysics was approved by the Graduate Council on September 28, 2004 and the Faculty Council on the October 15, 2004 Consent Calendar, for immediate implementation.

Catalog Copy:

CHEM 6147. Molecular Photochemistry & Photophysics. (3) Prerequisite: Admission to graduate program or consent of instructor. An investigation of the excited states of organic molecules and the photophysics governing radiative and nonradiative transitions. Topics include electronic orbitals, absorption, emission, potential energy surfaces, energy transfer, photophysical radiationless transitions, singlet oxygen and chemiluminescent organic reactions. Three lecture hours per week. (*Alternate years*)

CHEM 8147. Molecular Photochemistry & Photophysics. (3) Prerequisite: Admission to graduate program or consent of instructor. An investigation of the excited states of organic molecules and the photophysics governing the transitions between these states both radiative and nonradiative. Topics include electronic orbitals, absorption, emission, potential energy surfaces, energy transfer, photophysical radiationless transitions, singlet oxygen and chemiluminescent organic reactions. In this course each student will develop and demonstrate a photochemistry laboratory experiment that illustrates a principle or problem, or new direction of photochemistry. Three lecture hours per week. (*Alternate years*)

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 3, 2004

RE: Request to establish GEOG 5209: Small Town Planning

The request to establish GEOG 5209: Small Town Planning was approved by the Graduate Council on September 27, 2004 and the Faculty Council on the October 15, 2004 Consent Calendar, for immediate implementation.

Catalog Copy:

GEOG 5209. Small Town Planning. (3)

This course will explore small town population dynamics, rural-urban fringe land use dynamics, and changes in small towns' community identity and sense of place. Emphasis will be placed on the issues and techniques that typify small town planning environments. Students will investigate these issues via field work and data collection at municipal scales within the Charlotte region.

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 3, 2004

RE: Request to establish three program concentrations with current M.S. in Applied Physics program

The request to establish three program concentrations with current M.S. in Applied Physics program was approved by the Graduate Council on October 6, 2004 and the Faculty Council on the October 15, 2004 Consent Calendar, for immediate implementation.

Catalog Copy:

PHYSICS

Department of Physics and Optical Science

100 Burson Building

704-687- 2537

<http://www.physics.uncc.edu>

Degrees

M.S. (Applied Physics)

Coordinator

Dr. Robert K. Tyson

135-E Burson Building

704-687-3399

rtyson@uncc.edu

Faculty

Yildrim Aktas - Associate Professor

Vasily Astratov - Assistant Professor

Thomas M. Corwin – Professor

Melissa Dancy – Assistant Professor

Angela Davies - Assistant Professor

Faramarz Farahi - Professor

Michael A. Fiddy – Professor

Greg J. Gbur – Assistant Professor

Tsing-Hua Her - Assistant Professor

Terrill W. Mayes - Associate Professor

Bill F. Melton – Associate Professor

Patrick Moyer - Associate Professor

Jeff Naeini - Assistant Professor

M. Yasin Raja - Associate Professor

Mitchel H. Simpson - Associate Professor

Robert Splinter - Adjunct Assistant Professor

Thomas J. Suleski - Assistant Professor

Susan R. Trammell - Associate Professor

Robert K. Tyson - Associate Professor

Program of Study

The Master of Science program in Applied Physics offers three program concentrations and two degree options.

- Applied Physics Concentration (Thesis and Non-thesis Options)
- Applied Optics Concentration (Thesis Option)
- Medical Physics Concentration (Non-thesis Option)

A student should decide on a concentration and option prior to completion of their first year of residence.

The Applied Physics Concentration is excellent preparation for those planning to continue their education through the Ph.D., either in physics or an engineering field, or for a career as an instructor in a two-year college. Students electing the Thesis Option will be well qualified for employment in industry or in a research laboratory.

The Applied Optics Concentration is designed for students intending to pursue a career in optics fields such as optoelectronics, optical communications, optical metrology, etc. This concentration would also be excellent preparation for those planning to continue their education through the Ph.D. in optics.

The Medical Physics Concentration is designed for students wishing to pursue careers in such medical fields as radiology or medical imaging (MRI, ultrasound, CAT), or as a research scientist/technician with companies developing and manufacturing medical equipment.

Additional Admission Requirements

In addition to fulfilling the university's general requirements for graduate admission at the Master's level, applicants seeking admission into the M.S. in Applied Physics program must also:

1. Possess a Bachelor's degree in Physics, or a closely allied field, usually from an accredited college or university. Applicants from fields other than Physics may expect to be required to remove deficiencies in their physics background.
2. Present satisfactory scores on the aptitude portion of the Graduate Record Examination.
3. Possess an overall grade point average of at least 2.75 (based on a 4.0 scale) on all of the applicant's previous work beyond high school. The average in the major should be 3.0 or better.
4. Present satisfactory scores on the Test of English as a Foreign Language, if the applicant is from a non-English speaking country.
5. Demonstrate evidence of sufficient interest, ability, and preparation in physics to adequately profit from graduate study, as determined by the Physics & Optical Science Department's Graduate Committee.

Degree Requirements

All degree options require the completion of 30 credit hours approved by the Physics and Optical Science Department. A minimum of 15 credit hours presented for the degree must be in courses numbered 6000 and above. Courses for which undergraduate credit has been awarded may not be repeated for graduate credit. A minimum grade point average of 3.0 is required on all coursework attempted for the degree. At the time of admission up to 6 semester hours of graduate transfer credit may be accepted if approved by the Physics & Optical Science Department and the Graduate School. All candidates for the degree must pass a final examination administered by the student's Advisory Committee.

A student selecting a concentration having a thesis option must present credit for at least 6 semester hours of PHYS 6991. The thesis defense is the final examination for a student selecting the thesis option.

A student selecting a concentration having a non-thesis option must pass a final examination administered by the student's Advisory Committee.

Applied Physics Concentration

Entering students not having the equivalent of PHYS 4222, PHYS 4232, or PHYS 4242 are required to take PHYS 5222, PHYS 5232, and/or PHYS 5242, as appropriate, before the end of their first year of residence. A student electing this concentration may, with departmental approval, apply up to 9 semester hours from such related areas as Optics, Mathematics, Chemistry, and Engineering toward the 30 credit hour degree requirement.

Applied Optics Concentration

The Applied Optics Concentration is designed to accept students having undergraduate majors in physics, chemistry, and engineering. Entering students not having the equivalent of PHYS 4242 are required to take PHYS 5242 before the end of their first year of residence. Students electing the Applied Optics Concentration must present credit for a minimum of 15 credit hours in courses having an OPTI prefix. The 15 credit hours of courses having an OPTI prefix must include OPTI 6101, 6102, and 6104. The remaining 6 credit hours needed to complete the degree requirement may, with departmental approval, be selected from Physics, Optics, Chemistry, and Engineering courses.

Medical Physics Concentration

The Medical Physics Concentration is designed to accept students having undergraduate majors in physics, engineering, chemistry, and biology. Students having undergraduate majors in chemistry and biology will likely need to take some undergraduate physics courses as prerequisites to courses required for the medical physics concentration as applicants admitted into the Medical Physics Concentration must present earned credit for the equivalent of the UNC Charlotte courses listed below.

PHYS 3101 - Topics and General Methods of Physics - 3 credit hours

PHYS 3141 - Introduction to Modern Physics - 3 credit hours

PHYS 4231 - Electromagnetic Theory I - 3 credit hours

PHYS 4241 - Quantum Mechanics I - 3 credit hours

MATH 1241, 1242, 2241, 2242, and 2171 - 15 credit hours

CHEM 1251, 1251L, 1252, 1252L - Principles of Chemistry - 8 credit hours

Students lacking courses in anatomy and physiology will be required to take BIOL 1273 and 1273 Laboratory (Human Anatomy and Physiology - 4 credit hours). Students lacking courses in basic circuit theory and electronics will be required to take ECGR 2161 (Basic Electrical Engineering I - 3 credit hours).

A candidate for the M.S. in Applied Physics degree with the Medical Physics Concentration must present credit for the following courses.

PHYS 5210 Theoretical Physics

PHYS 5232 Electromagnetic Theory II

PHYS 5242 Modern Physics II

PHYS 6261 Nuclear and Particle Physics

PHYS 6301 Radiation Detection, Instrumentation, and Data Analysis

PHYS 6302 Radiation Protection and Dosimetry

PHYS 6303 Imaging in Medicine

PHYS 6304 Physics of Diagnostic Radiology and Radiotherapy

PHYS 6401 Clinical Medical Physics (6 credit hours)

Admission to Candidacy

In addition to the general requirements for admission to candidacy, students enrolled in the Master of Science program in Applied Physics program should have:

- 1) Removed all identified entrance deficiencies by the time of application for admission to candidacy,

- 2) Completed at least 18 approved credit hours with a GPA of 3.0 or better, and
- 3) Selected a major advisor and formed an advisory committee.

Assistantships

Support for beginning graduate students is usually a teaching assistantship. Continuing students are often supported by research assistantships.

Comprehensive Examination

All candidates for the degree must pass a final examination. The thesis defense is the final examination for those students who select the thesis option.

A student selecting a concentration having a non-thesis option must pass a final examination administered by the student's Advisory Committee. Subject matter for the examination will be prepared by the student's Advisory Committee and given to the student at least 30 days prior to the examination date. The student will make an oral presentation to members of the Committee that is based upon the prepared response. Committee members may question the student on any and all aspects of the relevant test material.

Advisory Committee

Each student in the M.S. in Applied Physics Program must have a major advisor and an advisory committee. The student should select a major advisor before the end of the first year of residency. The student and the major advisor jointly determine the advisory committee. The advisory committee must have at least 3 members, the majority of which must be from the Department of Physics and Optical Science. The major advisor and the advisory committee must be in place prior to applying for degree candidacy.

Program of Study in Optics

The Department of Physics and Optical Science is a major participant, and the administrative coordinator, of M.S. and Ph.D. programs in Optical Science and Engineering. These degree programs are interdisciplinary involving six science and engineering departments [Physics & Optical Science, Chemistry, Mathematics, Electrical & Computer Engineering, Mechanical Engineering & Engineering Science, and Computer Science], the Center for Optoelectronics & Optical Communications, and the Center for Precision Metrology. The program is administered through the Department of Physics & Optical Science. The purpose of the program is to educate scientists and engineers who will develop the next generation of optical technology. The program emphasizes basic and applied interdisciplinary education and research in areas of optics that include:

- Optoelectronic devices and sub-assemblies
- Devices for telecommunications, sensors, and characterization
- Optical materials (semiconductors, polymer-organic and crystalline)
- Optical metrology
- Optical imaging
- Optical communication networks

Applications of this research include:

- Optical telecom and data-com
- High efficiency, tunable narrow bandwidth laser sources and detectors
- Smart structures for distributed sensing
- Wireless technologies for communications and remote sensing
- Materials and surface characterization
- Nanostructured optical devices
- Microelectronics
- Biosensing and medical imaging

A complete description of the programs and course offerings in Optical Science and Engineering can be accessed at the web address <http://optics.uncc.edu> and under the OPTI listing in the Graduate Catalog.

Courses in Physics

Any physics course at the 5000 or 6000 level can be applied to the 30-hour requirement. Any other courses to be applied toward the 30-hour-course requirement must be approved, in advance, by the Physics Department. Courses approved by the Physics Department as appropriate for meeting the 30-hour-degree requirement are listed below. A minimum of 15 credit hours must be in courses with a 6000 number.

Intermediate Graduate Courses

PHYS 5000. Selected Topics in Physics. (0-4) Prerequisite: Consent of instructor. Selected advanced topics in physics. May be repeated with approval of the Department. (On demand)

PHYS 5210. Theoretical Physics. (3) Prerequisite: Consent of instructor. Topics include: Matrices, power series, solutions to ordinary and partial differential equations, Hilbert space, Fourier integrals, boundary value problems, Green's functions, and complex analysis. (Fall)

PHYS 5220. Computational Methods in Physics. (3) Prerequisite: Consent of instructor. Use of computers in solving physics problems including computational and mathematical methods to solve problems in classical mechanics, quantum mechanics, electromagnetism, nuclear physics, optics, and solid state physics. Computer solutions include numerical methods of integration, solving differential equations, curve fitting, and statistical analysis in physics. (On demand)

PHYS 5222. Classical Mechanics II. (3) Prerequisite: PHYS 3121 and MATH 2241. Continuation of PHYS 3121. The second course of a two-semester sequence treating particle dynamics, the motion of systems of particles, rigid body motion, moving coordinate systems, Lagrange's equations, Hamilton's equations, and small oscillations. Three lecture hours a week. (Spring)

PHYS 5232. Electromagnetic Theory II. (3) Prerequisite: PHYS 4231. Continuation of PHYS 4231. The second course in a two-semester sequence. Topics include magnetostatics in free space and in matter, electromagnetic induction, vector and scalar potentials, magnetic properties of materials, Maxwell's equations in free space and in matter, propagating electromagnetic waves, and boundary value problems. Three lecture hours a week. (Fall)

PHYS 5242. Quantum Mechanics II. (3) Prerequisite: PHYS 4241. An extension of PHYS 4241 to include more advanced topics such as generalized eigenvalue problems, angular momentum, spin, the hydrogen atom, and perturbation theory, with selected applications from atomic, solid state, and nuclear physics. Three lecture hours a week. (Spring)

Advanced Graduate Courses

PHYS 6101. Biophysics. (3) Prerequisite: Consent of instructor. Will include principles of physics relevant to biological media; electrical activity, optical microscopy, and spectrophotometry. Photosynthesis and light absorption. Models of blood flow and the cardiovascular system. Dynamics of membrane lipids and ionic flow. Visual and audio systems. Radiation biophysics, ultrasonic interaction in biological media. Credit cannot be awarded for both PHYS 6101 and 8101. (Fall)

PHYS 6121. Classical Dynamics. (3) Prerequisite: PHYS 4222. Variational principles and Lagrange's equations. Hamilton's principles and mechanics of particles. The two-body central force problem. Rigid body motion. Small oscillations and the eigenvalue equation. (Spring, alternate years)

PHYS 6131. Classical Electromagnetism I. (3) Prerequisite: PHYS 4232. Electrostatic and boundary value problems. Multipole expansions, dielectrics and magnetostatics. Maxwell's equations, time varying fields and conservation laws. Plane electromagnetic waves and wave propagation. Wave guides and resonant cavities. Simple radiating systems. Scattering and diffraction theory. (Fall, alternate years)

PHYS 6132. Classical Electromagnetism II. (3) Prerequisite: PHYS 6131. Special theory of relativity. Dynamics of relativistic particles and electromagnetic fields. Charged particle collisions and scattering. Radiation by moving charges. Bremsstrahlung, virtual quanta, and beta decay theory. Multipole expansions and fields. Radiation damping. Self-fields of particles. Scattering and absorption of radiation by a bound system. (On demand)

PHYS 6141. Quantum Theory I. (3) Prerequisite: PHYS 4242. Principles of non-relativistic wave mechanics. The Schrodinger equation, linear harmonic oscillator and WKB approximation. Central forces and angular momentum. The hydrogen atom. (Fall, alternate years)

PHYS 6142. Quantum Theory II. (3) Prerequisite: PHYS 6141. Scattering theory, linear vector spaces, spin, two level systems. Quantum dynamics, symmetry operations, bound state and time-dependent perturbation theory. Theory of scattering, angular momentum, and identical particles. (On demand)

PHYS 6251. Statistical Physics. (3) Prerequisite: Consent of instructor. Classical and quantum statistical mechanics. Statistical thermodynamics. Ensembles, partition functions, fluctuations, ideal Fermi and Bose gas systems. (On demand)

PHYS 6261. Nuclear and Particle Physics. (3) Prerequisite: Consent of instructor. Properties of nuclei, nuclear models, and interactions. Nuclear reactions, fission, and fusion. Alpha, beta, and gamma decay. One and two particle states. Relativistic kinematics, principle of invariance, quantum numbers, elementary particles and models. (On demand)

PHYS 6271. Advanced Solid State Physics. (3) Prerequisite: Consent of instructor. Crystal structure. Electromagnetic, electron, mechanical, and elastic wave interactions with crystals. Theory of X-ray diffraction. Energy band theory of metals and semiconductors. Optical properties of solids, phase transitions, and amorphous solids. Quantum mechanics of covalent bonding, phonon excitation, and thermal energy. (On demand)

PHYS 6301. Radiation Detection, Instrumentation, and Data Analysis. (3) Corequisites: PHYS 6261. Charged particle, neutron, and photon detection. Signal processing and data recording methods including techniques of data analysis and error propagation. The course will consist of two lectures and one two-hour laboratory each week. The course will emphasize application of radiation detectors used in radiotherapy and diagnostic radiology. Two lecture hours and one two-hour laboratory each week. (Fall)

PHYS 6302. Radiation Protection and Dosimetry. (3) Corequisites: PHYS 6261. Radiation dosimetry fundamentals including photon, electron, and neutron dosimetry. Radiation transport. Fundamentals of radiation protection and shielding. Assessment of effective dose. Three lecture hours per week. (Spring)

PHYS 6303. Imaging in Medicine. (3) Prerequisites: PHYS 5210 and PHYS 6301. The fundamental conceptual, mathematical, and statistical aspects of imaging science, and a survey from this formal viewpoint of various medical imaging modalities, including film-screen radiography, positron and x-ray computed tomography, ultrasound, and magnetic resonance imaging. (Fall)

PHYS 6304. Physics of Diagnostic Radiology and Radiotherapy. (3) Prerequisites: PHYS 5210 and PHYS 6302. Physics of x-ray diagnostic procedures and equipment Physics of the interaction of the various radiation modalities with body-equivalent materials. Physical aspects of clinical applications including radiation therapy to cause controlled biological effects in patients. Three lecture hours per week. (Spring)

PHYS 6401. Clinical Medical Physics. (1 - 3) Prerequisite: Consent of Program Director. Eighty to one hundred supervised contact hours of clinical internship at a regional health care system. May be repeated for a maximum of 6 credit hours. Graded Pass/No-credit. (Fall, Spring, Summer)

PHYS 6991. Physics Thesis Research I. (1-3) Prerequisite: admission to candidacy and consent of instructor. Research for the thesis. Letter grade assigned. May be repeated to accumulate a maximum of 6 hours credit. (Fall, Spring, Summer)

PHYS 6992. Physics Thesis Research II. (1-4) Prerequisite: PHYS 6991 and consent of instructor. Research for the thesis. Graded pass/no-credit. May be repeated to accumulate a maximum of 4 hours credit. (Fall, Spring, Summer)

PHYS 7999. Graduate Residence (1) Required of all masters students who are working on or defending thesis projects, and/or are scheduled for comprehensive examinations, but who are not enrolled in other graduate courses. Credit for this course may not be used to satisfy the 30-semester-hour requirement for the degree. Graded pass/no-credit. May be repeated for credit. (Fall, Spring, Summer)

PHYS 8101. Biophysics. (3) See PHYS 6101 for Course Description.

MEMORANDUM

TO: Dean Schley Lyons

College of Arts & Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 3, 2004

RE: Request to establish BIOL 5242: The Biology of Birds & BIOL 5142L: The Biology of Birds Lab

The request to establish BIOL 5242: The Biology of Birds & BIOL 5142L: The Biology of Birds Lab was approved by the Graduate Council on September 30, 2004 and the Faculty Council on the October 15, 2004 Consent Calendar, for immediate implementation.

Catalog Copy:

BIOL 5242. The Biology of Birds. (3)

Prerequisite: BIOL 3144 **or consent of department for graduate credit.** Overview of general avian biology, including taxonomy and anatomy, but concentrating on behavior, ecology and conservation of birds. Focus will be on birds of the southeastern U.S. Three lecture hours per week. (*Spring*).

BIOL 5242-L, The Biology of Birds-Lab. (1).

Co-requisite/prerequisite BIOL 4242. The laboratory and field portion of the Biology of Birds will focus

on field identification and inventory techniques, with an introduction to anatomy. Students will need binoculars. Meets for one three-hour period per week. *(Spring)*.

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 3, 2004

RE: Request to make minor changes in Anthropology curriculum

The request to make minor changes in Anthropology curriculum was approved by the chair of the Undergraduate Course and Curriculum Committee on November 1, 2004 for immediate implementation.

(Summary of changes):

- 1.) Change title of ANTH 3111 to [Applied Anthropology](#)
- 2.) Change title of ANTH 2151 to [Introduction to Archaeology](#)
- 3.) **Remove** the words **alcohol use** from the course description of ANTH 3124
- 4.) **Delete ANTH 3112**

Catalog Copy:

1.) **ANTH 3111. Applied Anthropology. (3)**

Prerequisite: ANTH 1101 or consent of instructor. Cultural dynamics; agents and conditions promoting change; theories and methods of applied anthropology in health care, education, development, business. *(On demand)*

2.) **ANTH 2151. Introduction to Archaeology. (3)**

Archaeological method and theory; important archaeological sites and cultures from Old and New Worlds; ethics and public policy in archaeology. *(Fall)*

3.) **ANTH 3124. Food, Nutrition, and Culture. (3)**

Prerequisite: ANTH 1101 or permission of instructor. an examination of how food provides special insight into cultures throughout the world. Topics include the symbolic and social value of food, the social construction of taste, dietary change, food and health, cannibalism, and famine. *(Yearly)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 3, 2004

RE: Request to establish ARTT: Medium and Large Format Camera

The request to establish ARTT: Medium and Large Format Camera was approved by the chair of the Undergraduate Course and Curriculum Committee on November 1, 2004 for immediate implementation.

Catalog copy:

ARTT 4191. Medium & Large Format Camera. (1-3)

Prerequisites: ARTT 2191, 3291, 3191, or consent of the instructor. Continuing advanced photographic studies exploring creative imaging using medium and large camera formats. Studies may be executed under daylight or studio conditions. Image output is either film and/or digital. Six contact hours. (*On Demand*)

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: November 2, 2004

RE: Request to add the "W" designation to SOCY 4263.

The request to add the "W" designation SOCY 4263 was approved by the Associate Dean for General Education (Dr. Mark West) and the Associate Provost (Dr. Wayne Walcott) on October 28, 2004. It is approved for immediate implementation.

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences
Dean Robert Johnson
William States Lee College of Engineering

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: October 27, 2004

RE: Request to establish course numbers for the INES Ph.D.

The request to establish course numbers for the INES Ph.D. was approved by the chair of the Graduate Council on October 22, 2004 for immediate implementation.

Catalog copy:

INES 8090. Special Topics. (1-6)

Directed study of current topics of special interest. May be repeated for credit.

INES 8890. Doctoral Independent Study and Project. (1-9)

Individual investigation and exposition of results. May be repeated for credit.

INES 8999. Doctoral Dissertation Research. (1-9)

Each student will initiate and conduct an individual investigation culminating in the preparation and presentation of a doctoral dissertation.

INES 9999. Doctoral Residence. (1)

Meets Graduate School requirement for continuous enrollment during final term prior to graduation when all course work has been completed.

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: October 11, 2004

RE: Request to change the title of SOCY 3153 (Evolution of Sociological Theory) to Sociological Theory

The request to change the title of SOCY 3153 (Evolution of Sociological Theory) to Sociological Theory was approved by the chair of the Undergraduate Course and Curriculum Committee on October 4, 2004 for immediate implementation.

Catalog copy:

SOCY 3153. Sociological Theory

(The rest remains unchanged)

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: October 8, 2004

RE: Request to establish a minimum GPA for Pre-Communication Studies designation

The request to establish a minimum GPA for Pre-Communication Studies designation was approved by the chair of the Undergraduate Course and Curriculum Committee on October 4, 2004 for immediate implementation.

Catalog copy ([Changes in blue](#)):

Pre-Communication Studies

Students who apply for the Communication Studies major are initially classified as Pre-Communication Studies until they meet the following requirements: cumulative GPA of 2.0 or higher, and successful (grade of C or better) completion of COMM 1101 and COMM 2100. [Students matriculated at UNC](#)

Charlotte and planning to change to or declare Pre-Communication Studies as their major must have an overall GPA of at least 2.0.

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: October 8, 2004

RE: Request to change grading scheme to Pass/No Credit for HIST 2400: Internship

The request to change grading scheme to Pass/No Credit for HIST 2400: Internship was approved by the chair of the Undergraduate Course and Curriculum Committee on October 4, 2004 for immediate implementation.

Catalog copy:

HIST 2400. History Internship (1-3)

Applied historical techniques utilizing modern methodology and experiences in off-campus institutions or on historical sites. May be repeated for credit. (Pass/No Credit) (*On demand*)

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: October 8, 2004

RE: Request to establish ARTH 3810: Independent Study in Art History

The request to establish ARTH 3810: Independent Study in Art History was approved by the chair of the Undergraduate Course and Curriculum Committee on October 4, 2004 for immediate implementation.

Catalog copy:

ARTH 3810. Independent Study in Art History. (1-3)

Prerequisite: consent of instructor. Supervised individual investigation of art history topic with appropriate documentation of research results. May be repeated for credit. *(Fall, Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: October 8, 2004

RE: Request to clarify Grade Requirement for Certificate in Business Language

The request to clarify Grade Requirement for Certificate in Business Language was approved by the chair of the Undergraduate Course and Curriculum Committee on October 4, 2004 for immediate implementation.

Catalog copy ([Changes in blue](#)):

The Certificate in Business Language program (CBL) provides classroom, overseas (optional), and practical training in French, German, or Spanish for international business, which may [also be recognized by international examinations](#). Beginning with an alternative fourth-semester course, the sequence continues with advanced-level course work that includes a two-semester component in advanced business French, German, or Spanish. [In order to be awarded the CBL, each course that counts for the certificate must be completed with at least a grade of B.](#) Majors in any field are welcome.

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: October 8, 2004

RE: Request to establish MUED 4135: Percussion Pedagogy and Materials

The request to establish MUED 4135: Percussion Pedagogy and Materials was approved by the chair of the Undergraduate Course and Curriculum Committee on October 5, 2004 for immediate implementation.

Catalog copy:

MUED 4135. Percussion Pedagogy and Materials. (3)

A methodology course dealing with the techniques and materials necessary for offering private instruction on percussion instruments. *(Fall)*

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: October 8, 2004

RE: Request to establish MUED 4134: String Pedagogy and Materials

The request to establish MUED 4134: String Pedagogy and Materials was approved by the chair of the Undergraduate Course and Curriculum Committee on October 5, 2004 for immediate implementation.

Catalog copy:

MUED 4134. String Pedagogy and Materials. (3)

A methodology course outlining the teaching techniques, materials, and related literature necessary for offering applied instruction on string instruments. (*Spring*)

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: October 8, 2004

RE: Request to establish MUED 4133: Wind Pedagogy and Materials

The request to establish MUED 4133: Wind Pedagogy and Materials was approved by the chair of the Undergraduate Course and Curriculum Committee on October 5, 2004 for immediate implementation.

Catalog copy:

MUED 4133. Wind Pedagogy and Materials. (3)

A methodology course dealing with the techniques and materials necessary for offering private instruction on woodwind and brass instruments. *(Spring)*

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: October 8, 2004

RE: Request to establish MUED 4136: Keyboard Pedagogy and Materials

The request to establish MUED 4136: Keyboard Pedagogy and Materials was approved by the chair of the Undergraduate Course and Curriculum Committee on October 5, 2004 for immediate implementation.

Catalog copy:

MUED 4136. Keyboard Pedagogy and Materials. (2)

A methodology course dealing with piano performance and teaching including: technique, learning procedures/styles, performance, physiology, methods, wellness issues, and technology.

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: August 11, 2004

RE: Request to establish BIOL 2120, General Biology I and laboratory component,
BIOL 2120L; and BIOL 2130, General Biology II and laboratory component,
BIOL 2130L.

The request to establish BIOL 2120, General Biology I and laboratory component,
BIOL 2120L; and BIOL 2130, General Biology II and laboratory component,
BIOL 2130L was approved by the chair of the Undergraduate Course and Curriculum
Committee on August 5, 2004 for immediate implementation.

New catalog copy

BIOL 2120. General Biology I. (3)

Prerequisite: none. Co-requisite: BIOL 2120L. Origin and early evolution of life, basic principles of chemistry, cell biology, and development. Three lecture periods per week. *(Fall, Spring, Summer)*

BIOL 2120L. General Biology I Laboratory. (1)

Prerequisite and/or co-requisite: BIOL 2120. Experimental lab covering osmosis, enzyme activity, photosynthesis, cell division, inheritance. Two laboratory periods per week. *(Fall, Spring, Summer)*

BIOL 2130. General Biology II. (3)

Prerequisite: BIOL 2120 and BIOL 2120L; co-requisite: BIOL 2130L. Ecology, evolution, biodiversity, plant and animal structure and function. Three lecture periods per week. *(Fall, Spring, Summer)*

BIOL 2130L. General Biology II Laboratory. (1)

Prerequisite and/or co-requisite: BIOL 2120, and BIOL 2120L; co-requisite/prerequisite: BIOL 2130. Population ecology, evolution, phylogenetics, invertebrate biology, animal and plant physiology. Two laboratory periods per week. *(Fall, Spring, Summer)*

BACHELOR OF ARTS

A major in Biology leading to the B.A. degree consists of 32 semester hours of biology including: (1) a core sequence of General Biology I (BIOL 2120 + Lab) and General Biology II (BIOL 2130 + Lab) [A grade of C or better is required in the lecture sections of these two courses before one may advance]; (2) four area courses: Cell (BIOL 3111), Ecology (BIOL 3144), Genetics (BIOL 3166), and physiology (BIOL 3272 or 3273); and (3) Senior Seminar (BIOL 4600). The B.A. degree requires a total of five biology laboratories counting the two required introductory labs. Additional requirements are CHEM 1251, 1252, and 2131, with associated labs, three semester hours of mathematics (MATH), and three semester hours of statistics (STAT). At least 12 hours of biology must be taken at UNC Charlotte.

SUGGESTED SCHEDULE: B.A. OR B.S. IN BIOLOGY

Following is the sequence in which required courses should be taken, even if they are not taken during the year indicated:

Freshman year: BIOL 2120 + BIOL 2120L and BIOL 2130 + BIOL 2130L; CHEM 1251 + CHEM 1251L and CHEM 1252 + CHEM 1252L

Sophomore year: CHEM 2131 + CHEM 2131L; BIOL 3111, BIOL 3144, and BIOL 3166

Junior year: BIOL 3272 or BIOL 3273, then advanced electives of any number

Senior year: BIOL 4600 and advanced electives of any number

See the department of Biology for a more detailed schedule for the four-year program leading to the B.A. or B.S., including schedules for each of the options.

BIOLOGY MINOR

A minor in Biology requires 18 hours, including BIOL 2120 and BIOL 2130 (or BIOL 1110 and BIOL 1115) and associated labs (only one of these sequences is allowed, but other courses at the 1000 level are acceptable); one additional laboratory for a total of three; at least one three-hour course (not necessarily with lab) at or above the 3000 level; and a GPA of at least 2.0 in the minor. Students are responsible for meeting all Biology course prerequisites and co-requisites. At least six hours must be taken at UNC Charlotte.

BACHELOR OF SCIENCE WITH AN OPTION IN CELL BIOLOGY/PHYSIOLOGY

A B.S. in Biology with an option in Cell Biology/Physiology consists of 44 hours. These include the core biology courses, General Biology I (BIOL 2120, BIOL 2120L) and General Biology II (BIOL 2130, BIOL 2130L); the four area courses, Cell (BIOL 3111), Ecology (BIOL 3144), Genetics (BIOL 3166), and physiology (BIOL 3272 or 3273); and Senior Seminar (BIOL 4600). In addition physiology lab (BIOL 3272L or BIOL 3273L) must be taken. Three additional laboratories from among the area courses or track electives must also be taken to complete the requirements of the B.S. The track also requires that students choose one course from each of the following areas: (1) **Subcellular***

topics, (2) **Structure and Function***, and (3) **Advanced Physiology***. Consult the Biology Department for a current list of approved courses in these areas. A minimum of nine additional hours should be chosen, in consultation with an advisor from appropriate electives depending upon the student's interests. Students are encouraged to take Investigations in Biology (BIOL 3900) or Honors in Biology (BIOL 4700, BIOL 4701) under the direction of one of the Cell Biology or Physiology faculty. Students are responsible for completing all of the chemistry, math, and physics courses required for a B.S. in Biology.

General Biology I (BIOL 2120, BIOL 2120L)	4
General Biology II (BIOL 2130, BIOL 2130L)	4
Cell Biology (BIOL 3111)	3
Ecology (BIOL 3144)	3
Genetics (BIOL 3166)	3
Physiology (BIOL 3272, BIOL 3272L) or (BIOL 3272, BIOL 3273L)	4
Senior Seminar (BIOL 4600)	1
Subcellular topic	3
Structure and Function	3
Advanced Physiology	3
	32 hours

Students must choose one course each from each of the following sub areas.

1. ***Subcellular topics:** Cell Physiology (BIOL 4171), Molecular Biology (BIOL 4199),

biochemistry (CHEM 4165), Advanced Cell Biology (BIOL 4000), DNA Profiling

(BIOL 4000), Biotechnology at the Workbench (BIOL 4000), Cellular Neuroscience (BIOL 3271).

2. ***Structure and Function:** Comparative Vertebrate Anatomy (BIOL 4293), Medical Genetics (BIOL 4167), Systems Neuroscience (BIOL 3274), or Microbiology (BIOL 4250).

3. ***Advanced Physiology:** Immunology (BIOL 4251), Microbial Physiology and Metabolism (BIOL 4257), Endocrinology (BIOL 4277), Neurobiology (BIOL 4279), or Cardiovascular Physiology (BIOL 4000).

BACHELOR OF SCIENCE WITH AN OPTION IN MICROBIOLOGY

A major in Biology leading to a B.S. degree with an option in microbiology consists of 46 hours of biology including: [1] a core sequence of General Biology I (BIOL 2120, BIOL 2120L) and General Biology II (BIOL 2130 and BIOL 2130L); [2] four area courses, Cell (BIOL 3111), Ecology (BIOL 3144), Genetics (BIOL 3166), and physiology (BIOL 3272, BIOL 3272L, or BIOL 3273, BIOL 3273L); [3] Senior Seminar (BIOL 4600); [4] a core of microbiology courses: Microbiology (BIOL 4250, BIOL 4250L), Microbial Physiology and Metabolism (BIOL 4257), Immunology (BIOL 4251, BIOL 4251L), Pathogenic Bacteriology (BIOL 4256), and either Bacterial Genetics (BIOL 4255) or Molecular Biology (BIOL 4199); [5] six credit hours from the following list of electives (at least one of which must include a laboratory): The Fungi (BIOL 4233), Virology (BIOL 4259), Parasitology (BIOL 4233), Advanced Immunology (BIOL 4291), Bacterial Genetics or Molecular Biology if not taken as part of the "core", Recombinant DNA Techniques (BIOL 4168), Host-Parasite Interactions (BIOL 4000), Immunological

Methods (BIOL 4000), Biotechnology at the Workbench (BIOL 4000), Honors Research (Microbiology) (BIOL 4700, BIOL 4701), and Undergraduate Research (Microbiology) (BIOL 3900); and [6] CHEM 2132 with associated lab, PHYS 1101, PHYS 1102 and associated labs, and nine hours of mathematics including STAT 1221.

BACHELOR OF ARTS WITH AN OPTION IN MEDICAL TECHNOLOGY

Upon satisfactory completion of training at Wake Forest University Baptist Medical Center School of Medical Technology, a student may receive a B.A. degree in Biology from UNC Charlotte. (It is possible to obtain a B.S. degree by careful planning with the advisor, although a B.S. degree will typically require a longer period of time than will the B.A. degree). The student must take General Biology I (BIOL 2120, BIOL 2120L), General Biology II (BIOL 2130, BIOL 2130L), Genetics (BIOL 3166), Microbiology (BIOL 4250, BIOL 4250L), Immunology (BIOL 4251), Animal Physiology (BIOL 3273), Seminar (BIOL 4600), and 16 hours of chemistry (CHEM 1251, CHEM 1251L, CHEM 1252, CHEM 1252L CHEM 2131, CHEM 2131L, and chemistry elective); have a total of 24 hours of biology and a total of four laboratories in biology at UNC Charlotte; and have a 2.0 grade point average overall and in the major at the end of the junior year. The student must have a total of 90 hours including 24 hours of biology at UNC Charlotte; the remaining 30 hours and eight hours of biology will be accepted from the School of Medical Technology. The final 30 hours counted toward the degree, and the last eight hours counted toward the major prior to entering a School of Medical Technology must be taken at UNC Charlotte. Gaining admission to the School of Medical Technology is the responsibility of the student. Additional information is available from the Department of Biology.

The following courses have prerequisites that have changed as a result of Biology 2120, 2120L, 2130, 2130L

BIOL 3144. Ecology. (3) Prerequisites: BIOL 2130. Interrelationships of organisms and their environment. *(Fall, Spring)*

BIOL 3166. Genetics. (3) Prerequisite: BIOL 2130. Basic concepts of heredity; principles of classical, molecular, and population genetics. *(Fall, Spring, Summer)*

BIOL 3202. Horticulture. (3) (W) Prerequisite: BIOL 2130. Principles of horticulture, greenhouse management, environmental factors, production, and maintenance of cultivars, and landscaping. *(Fall)*

BIOL 3215. Economic Botany. (3) (W) Prerequisite: BIOL 2130. Origins of agricultural plants; history of use and misuse of plants by humans; consideration of major groups of crop, spice, medicinal, and drug plants. *(Spring)*

BIOL 3229. Field Botany. (3) Prerequisite: BIOL 2130 and consent of Department. A field course stressing identification, classification and habitat of the vascular plants, particularly of the Piedmont, but also including the Coastal Plain and the mountains of North Carolina. Six hours a day for 10 days. *(Summer)*

BIOL 3231. Invertebrate Zoology. (4) Prerequisite: BIOL 2130. Taxonomy, anatomy, physiology, and life histories of selected invertebrates. Three lecture hours and one laboratory period of three hours a week. *(On demand)*

BIOL 3233. Vertebrate Zoology. (4) Prerequisite: BIOL 2130. Taxonomy, anatomy, physiology, and life histories of vertebrates. Three lecture hours and one laboratory period of three hours a week. *(Fall)*

BIOL 3234. Field Entomology. (3) Prerequisite: BIOL 2130 or consent of Department. A field course stressing

identification and ecology of insects of the Piedmont of North Carolina. Six hours a day for 10 days. *(Summer)*

BIOL 3235. The Biology of Insects. (3) Prerequisite: BIOL 2130 or consent of Department. The anatomy, physiology, development, behavior, ecology, and medical and economic importance of insects. *(On demand)*

BIOL 3271. Cellular Neuroscience. (3) Prerequisite: BIOL 2130 (Biology majors), PSYC 3113 (Psychology majors) or consent of Department. Physiology and biophysics of neurons synapses and principles of neural development and neural plasticity. *(Fall)*

BIOL 3272. Plant Physiology. (3) Prerequisites: BIOL 2130. Metabolic and physiological processes of plants and conditions which affect or regulate these processes. *(On demand)*

BIOL 3273. Animal Physiology. (3) Prerequisite: BIOL 2130. Fundamental control mechanisms that operate to maintain the homeostatic state. Students cannot receive credit for both BIOL 1274 and BIOL 3273. *(Fall, Spring)*

BIOL 3274. Systems Neuroscience. (3) Prerequisite: BIOL 2130 (Biology majors), PSYC 3113 (Psychology majors) or equivalent. Review of neuron excitability and synaptic function; physiology of the main functional systems: sensory, motor, homeostatic/affective, and gnostic; system-level origins of learning, memory, and consciousness. *(Spring)*

BIOL 4149. Limnology and Oceanography. (4) Prerequisites: BIOL 2130. Geological, physical, chemical, and biological aspects of lakes, streams, estuaries and oceans. Three lecture hours and one laboratory period of three hours a week. *(Fall)*

BIOL 4171. Cell Physiology. (3) Prerequisites: BIOL 2130. The fundamental physicochemical properties of cells. *(Spring)*

BIOL 4184. Plant Biotechnology. (3) Prerequisite: BIOL 2130, 3166 and CHEM 2132 or consent of Department.

A laboratory-oriented course designed to integrate plant molecular biology, recombinant DNA technology, and plant cell and tissue culture. One lecture hour and two laboratory periods of three hours a week. *(On demand)*

BIOL 4223. The Fungi. (3) Prerequisite: BIOL 2130; Consent of Department for graduate credit. Morphology, life cycles, ecology, taxonomy, and medical economic significance of the fungi and organisms historically aligned with the fungi. *(On demand)*

BIOL 4233. Parasitology. (4) Prerequisite: BIOL 2130. Morphology, life cycles, ecology, taxonomy and economic importance of parasites. Three lecture hours and one laboratory period of three hours a week. *(Spring)*

BIOL 4243. Animal Behavior. (3) Prerequisite: BIOL 2130. An ethological approach to how animals respond to their environment. Causation, development, and adaptive significance of behavior in social systems. *(Fall)*

BIOL 4250. Microbiology. (3) Prerequisites: BIOL 2130. Morphology, physiology, pathogenicity, metabolism, and ecology of bacteria, viruses, protozoa and fungi. Aquatic, dairy and food microbiology. *(Fall, Spring)*

BIOL 4282. Developmental Plant Anatomy. (3) Prerequisite: BIOL 2130. Study of plant cells, tissues, organs, and patterns of growth and differentiation. *(On demand)*

BIOL 4283. Animal Development. (3) Prerequisite: BIOL 2130. Developmental processes occurring chiefly during gametogenesis, fertilization, early embryogenesis, and organogenesis. *(On demand)*

BIOL 4291. Histology. (4) Prerequisite: BIOL 2130. Animal tissues and organs; techniques of preparing tissues for analysis. Three lecture hours and one laboratory period of three hours a week. *(On demand)*

BIOL 4293. Comparative Vertebrate Anatomy. (4) Prerequisite: BIOL 2130. Comparison of selected anatomical systems across vertebrates, with emphasis on evolution and functional analyses. Three hours of lecture and one laboratory period of three hours per week. *(Spring)*

cc: Dr. Rick Lejk
Dr. Mark Clemens

Dr. C.B. Wolfe

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons, College of Arts and Sciences
Dean Claude Lilly, The Belk College of Business Administration
Dean Robert Johnson, The William States Lee College of Engineering
Dean Mirsad Hadzikadic, College of Information Technology

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 1, 2004

RE: Request to revise the name and course descriptions of 15 undergraduate courses entitled "Cooperative Education" (ACCT 3500, ARSC 3500, BIOL 3500, CHEM 3500, ECON 3500, ENGR 3590, ESCI 3500, FINN 3500, GEOG 3500, INFO 3500, MATH 3551, MGMT 3500, MKTG 3500, OPER 3500, PHYS 3590)

The request to revise the name and course descriptions of 15 undergraduate courses entitled "Cooperative Education" was approved by the chair of the Undergraduate Course and Curriculum Committee on April 8, 2004 for immediate implementation.

New catalog copy (changes in blue)

ACCT 3500. Cooperative Education or 49ership Experience. (0)

Prerequisite: Accounting major with Department approval, in conjunction with the University Career Center. Enrollment is required for

students participating in a cooperative education or 49ership position during each semester they are working in a position. Participating students pay a registration fee for transcript notation (co-op and 49ership) and receive full-time student status (co-op only). Assignments

must be arranged and approved in advance. Course may be repeated; evaluation is Satisfactory/Unsatisfactory. For information, contact

the University Career Center. (Fall, Spring, Summer)

ARSC 3500. Cooperative Education or 49ership Experience. (0)

Prerequisites: Departmental GPA and credit hours required and approval by the departmental Co-op Coordinator in conjunction with the University Career Center. Enrollment in this course is required for Arts and Sciences

students involved in professional work experiences offered through either the 49ership program, or the parallel co-op (part-time work) or the alternating co-op (full-time work) option of the cooperative education program. Participating students pay a registration fee for transcript notation (49ership and co-op) and receive full-time student status (co-op only). Assignments must be arranged and approved in advance. Course may be repeated; evaluation is Satisfactory/Unsatisfactory. For information, contact the University Career Center. (Fall, Spring, Summer)

BIOL 3500. Biology Cooperative Education or 49ership Experience. (0)

Prerequisite: approval by the Department and the University Career Center. Required of students participating in the

49ership or Cooperative Education Program during the semesters in which they are working. Participating students pay a registration

fee for transcript notation (49ership and coop) and receive full-time student status (co-op only). Assignments must be arranged and

approved in advance. Course may be repeated; evaluation is Satisfactory/Unsatisfactory. For more information, contact the University

Career Center. (Fall, Spring)

CHEM 3500. Chemistry Cooperative Education or 49ership Experience.(0)

Prerequisites: Junior standing, chemistry through 2132 and acceptance into the Experiential Learning Program by the University Career

Center. Enrollment in this course is required for chemistry majors during each semester or summer when they are working on a co-op or 49ership assignment. Participating students pay a registration fee for transcript notation (49ership and co-op) and receive full-time

student status (co-op only). Assignments must be arranged and approved in advance. Course may be repeated; evaluation is Satisfactory/Unsatisfactory. For more information, contact the University Career Center. (On demand)

ECON 3500. Cooperative Education or 49ership Experience. (0)

Enrollment in this course is required for the Department's Cooperative Education and 49ership students during each semester they are

working in position. Restricted to majors in the Department of Economics. Participating students pay a registration fee for transcript

notation (49ership and co-op) and receive full-time student status (co-op only). Assignments must be arranged and approved in

advance. Course may be repeated; evaluation is Satisfactory/Unsatisfactory. For more information, contact the University Career

Center. (Fall, Spring, Summer)

ENGR 3590. Engineering Cooperative Education or 49ership Experience.

(0) This course is required of Co-op and 49ership students during the semester they are working. Acceptance into the Experiential

Learning Program by the University Career Center is required. Participating students pay a registration fee for transcript notation

(49ership and co-op) and receive full-time student status (co-op only). Assignments must be arranged and approved in advance.

Course may be repeated; evaluation is Satisfactory/Unsatisfactory. For more information, contact the University Career Center.

(Fall, Spring, Summer)

ESCI 3500. Earth Sciences Cooperative Education or 49ership Experience. (0)

Enrollment in this course is required for the Department's earth sciences cooperative education and 49ership students during each

semester that they are working. Acceptance into the Experiential Learning Program by the University Career Center is required.

Participating students pay a registration fee for transcript notation (49ership and co-op) and receive full-time student status

(co-op only). Assignments must be arranged and approved in advance. Course may be repeated; evaluation is Satisfactory/

Unsatisfactory. For more information, contact the University Career Center. (Fall, Spring, Summer)

FINN 3500. Cooperative Education or 49ership Experience. (0)

Enrollment in this course is for the University cooperative education and 49ership students during each semester they are working

in a position. Acceptance into the Experiential Learning Program by the University Career Center is required. Participating students

pay a registration fee for transcript notation (49ership and co-op) and receive full-time student status (co-op only). Assignments

must be arranged and approved in advance. Course may be repeated; evaluation is Satisfactory/Unsatisfactory. For more

information, contact the University Career Center. (Fall, Spring, Summer)

GEOG 3500. Geography Cooperative Education or 49ership Experience.

(0) Enrollment in this course is required for the Department's geography cooperative education and 49ership students during each

semester that they are working. Acceptance into the Experiential Learning Program by the University Career Center is required.

Participating students pay a registration fee for transcript notation (49ership and co-op) and receive full-time student status

(co-op only). Assignments must be arranged and approved in advance. Course may be repeated; evaluation is Satisfactory/

Unsatisfactory. For more information, contact the University Career Center. (Fall, Spring, Summer)

INFO 3500. Cooperative Education or 49ership Experience. (0)

Enrollment in this course is required for the Department's cooperative education and 49ership students during any semester they

are working in a position.. Acceptance into the Experiential Learning Program by the University Career Center is required.

Participating students pay a registration fee for transcript notation (49ership and co-op) and receive full-time student status

(co-op only). Assignments must be arranged and approved in advance. Course may be repeated; evaluation is Satisfactory/

Unsatisfactory. For more information, contact the University Career Center. (Spring, Summer, Fall)

MATH 3551. Mathematics Cooperative Education or 49ership Experience. (0)

Prerequisites: Sophomore standing, a 3.0 GPA in MATH/STAT/OPRS courses and consent of the Department of Mathematics.

Acceptance into the Experiential Learning Program by the University Career Center is required. The student will be employed in

a manner that affords him/her the opportunity of using and enhancing mathematical knowledge and skills through practical

experience of co-op rotation or 49ership experience. Participating students pay a registration fee for transcript notation

(49ership and co-op) and receive full-time student status (co-op only). Assignments must be arranged and approved in advance.

Course may be repeated; evaluation is Satisfactory/Unsatisfactory. For more information, contact the University Career Center.

After completing MATH 3551, the co-op student must take MATH 3652. MATH 3551 may be repeated with consent of the

Department. Evaluation is Satisfactory/Unsatisfactory. (On demand)

MGMT 3500. Cooperative Education or 49ership Experience. (0)

Enrollment in this course is required for the Department's cooperative education and 49ership students during each semester

they are working in a position. This course is restricted to majors in the Department of Management. Acceptance into the

Experiential Learning Program by the University Career Center is required. Participating students pay a registration fee for

transcript notation (49ership and co-op) and receive full-time student status (co-op only). Assignments must be arranged and

approved in advance. Course may be repeated; evaluation is Satisfactory/Unsatisfactory. For more information, contact the

University Career Center. *(Fall, Spring, Summer)*

MKTG 3500. Cooperative Education and 49ership Experience. (0)

Enrollment in this course is required for the department's cooperative education and 49ership students during each semester they

are working in a position. This course is restricted to majors in the Department of Marketing. Acceptance into the Experiential

Learning Program by the University Career Center is required. Participating students pay a registration fee for transcript notation

(49ership and co-op) and receive full-time student status (co-op only). Assignments must be arranged and approved in advance.

Course may be repeated; evaluation is Satisfactory/Unsatisfactory. For more information, contact the University Career Center.

(Fall, Spring, Summer)

OPER 3500. Cooperative Education or 49ership Experience. (0)

Prerequisite: major in Management Information Systems or Operations Management. Enrollment in this course is required for the

Department's cooperative education and 49ership students during each semester they are working in a position. Acceptance into the Experiential Learning Program by the University Career Center is required. Participating students pay a registration fee for transcript

notation (49ership and co-op) and receive full-time student status (co-op only). Assignments must be arranged and approved in

advance. Course may be repeated; evaluation is Satisfactory/Unsatisfactory. For more information, contact the University Career

Center. (Fall, Spring, Summer)

PHYS 3590. Physics Cooperative Education or 49ership Experience. (0)

Prerequisites: junior standing and consent of Department. Registration in PHYS 3590 is required of students during each of the

semesters they are working. Acceptance into the Experiential Learning Program by the University Career Center is required.

Participating students pay a registration fee for transcript notation (49ership and co-op) and receive full-time student status

(co-op only). Assignments must be arranged and approved in advance. Course may be repeated; evaluation is Satisfactory/

Unsatisfactory. For more information, contact the University Career Center. (Fall, Spring, Summer)

FINANCIAL AID PROGRAMS (p22)

Part-Time Employment Off-Campus.

The University Career Center's Job Location and Development (JLD) Program assists students in obtaining part-time, summer

and temporary employment off-campus. Job listings may be viewed online to registered students in *Campus Professional*. Jobs

may include career-related positions in various fields such as education, business, entertainment, engineering and healthcare.

The JLD Program is available to help students earn money for their academic and personal expenses during their enrollment at the

University. Students are encouraged also to participate in career related experiences such as co-op, internships, and 49erships,

which can be arranged through the University Career Center's Experiential Learning Program.

College of Arts and Science

Experiential Learning Opportunities. (p46)

Students are encouraged to participate in professional work experiences in support of their academic and career development

through the cooperative education, 49ership, and internship programs offered to students in the College. The College is working

with the University Career Center to expand experiential learning offerings to enable more students to graduate with career related

experience. For more information about experiential learning programs, contact the University Career Center.

Cooperative Education involves professionally related, paid work experiences in multiple semesters. It does not offer academic

credit, but it is noted on the student's transcript. To participate in this program, students must have a minimum GPA of at least

2.5, meet specific departmental requirements, and pay a participation fee. Approval for enrollment must be arranged before the

student begins the work experience. Most students begin this program during their junior year; transfer students must complete

one semester at UNC Charlotte before making application for the program. Students maintain full-time student status during their

co-op work semesters.

Internships usually involve one semester of a professional experience that allows a student to test his or her career options.

Academic requirements for participation vary by department. Typically, a GPA of at least 2.5 is required. With faculty approval,

students may receive academic credit for their work experience; non-credit internships are available through the University Career

Center. All internships must be arranged in advance.

49erships involve paid or unpaid work in a career-related position for professional experience. A minimum of 80 work hours for

one semester is required to complete the program. Fall and Spring 49erships are part-time. Summer 49erships may be full or part-time.

Full-time students who are in good University standing, have completed their freshman year, and have a 2.0 minimum cumulative

GPA are eligible. It does not offer academic credit, but it is noted on the student's transcript; students pay a participation fee.

Approval for enrollment must be arranged before the student begins the work experience. Students may begin this program during

their sophomore year; transfer students must complete one semester at UNC Charlotte before making application for the program.

For more information, contact the University Career Center.

Service Learning Opportunities through the University Career Center

Service Learning opportunities include 49erships in non-profit and government agencies and organizations, enabling students to

gain career related and community service experience while learning about related social, civic, human service, and political issues. Students work a minimum of 80 hours per semester to complete the program. Fall and

spring 49erships are part-time, and summer 49erships may be full or part-time. Students must qualify academically, and pay a registration fee for transcript notation. Employers

(as well as career advisors) assist students in working toward learning objectives and will complete an evaluation on each student

at the end of each term. Students receive transcript notation, but not academic credit.

COOPERATIVE EDUCATION PROGRAM (p 54)

Students majoring in Biology may obtain practical work experience while pursuing their degrees. The cooperative Education Program

allows qualified students either to alternate semesters of academic study with semesters of work experience or to combine academic

study and work during the same semester. The work experience is arranged by the University Career Center and must be approved by

the Department of Biology. Placements are based on a student's academic interests and on the availability of appropriate positions and

are carried out under the supervision of a Biology faculty member who serves as co-op advisor. Work semesters are followed by

participation in the Biology Cooperative Education Seminar.

COOPERATIVE EDUCATION EXPERIENCE (p 60)

Students majoring in Chemistry may obtain practical work experience in chemistry before graduation by participating in the Chemistry Cooperative Education Experience any time after the completion of sophomore year and CHEM 2132. A minimum GPA of 2.5 overall

and 2.5 in chemistry is required. At least two semesters of work assignments must be completed concurrent with enrollment in

CHEM 3500. Advisors will assist students to design a schedule that accommodates both work assignments and the upper division

chemistry courses which are normally offered on alternate semesters. Experiences are arranged in coordination with the University

Career Center.

Cooperative Education in Geography and Earth Sciences. (p 70)

Students in the Geography and Earth Sciences programs may obtain practical work experience while pursuing their degrees by

participating in the Cooperative Education program. The work experience is approved by the Department and is closely related to the

student's field of study. Students interested in learning more about participating in this program should contact the Department of

Geography and Earth Sciences [or the University Career Center](#).

COOPERATIVE EDUCATION PROGRAM (p 80)

A student may participate in the Mathematics Cooperative Education Program in either the parallel or alternate track. The parallel track combines academic study and cooperative experience during the same semester, while the alternate track alternates semesters totally

devoted to work with semesters totally devoted to academic study. Students in the Mathematics Cooperative Education Program must participate in a minimum of two semesters in the program. Students interested in participating in the program should contact the

Coordinator of Undergraduate Programs in the Department of Mathematics for information [or the University Career Center](#).

COOPERATIVE EDUCATION PROGRAM (p 85)

Students majoring in Physics have an opportunity to combine work experience with their academic experience. The Cooperative

Education Program is a plan whereby a student completes his/her lower-division coursework and, after being formally accepted as a

co-op student, alternates periods of academic coursework with periods of paid employment in an area mutually agreed upon by the

student, an employer, and the University. This program enables the student to integrate classroom instruction with practical on-the-job experience with business, industry, government agencies, or other employers. A student electing this option should expect to graduate

in five years, instead of the four years normally required. Further information regarding Cooperative Education can be found elsewhere

in this *Catalog*. Information regarding the application procedure for admission into this program can be obtained from the Physics and

Optical Science Department **or the University Career Center.**

College of Business Administration

Experiential Learning Opportunities. (p 93)

Students are encouraged to participate in professional work experiences that support academic and career development. The College

is working with the University Career Center to expand experiential learning offerings to enable more students to graduate with career-

related experience. The **program consists of 49ership opportunities and Cooperative Education.**

Cooperative Education involves professionally related, paid work experiences in multiple semesters. It does not offer academic credit,

but it is noted on the student's transcript. To participate in this program, students must have a GPA of at least 2.5, meet specific

departmental requirements, and pay a participation fee. Approval for enrollment must be arranged before the student begins the work experience. Most students begin this program during their junior year; transfer students must complete one semester at UNC Charlotte

before making application for the program. Students maintain full-time student status during their co-op work semesters. For further information, and to explore other credit and non-credit experiential earning opportunities including internships, contact the major

Department Chairperson or the University Career Center.

49erships involve paid or unpaid work in a career-related position for professional experience. A minimum of 80 work hours for one

semester is required to complete the program. Fall and Spring 49erships are part-time. Summer 49erships may be full or part-time. Full-time students who are in good University standing, have completed their freshman year, and have a 2.0 minimum cumulative GPA are eligible.

It does not offer academic credit, but it is noted on the student's transcript; students pay a participation fee.
Approval for enrollment

must be arranged before the student begins the work experience. Students may begin this program during their sophomore year; transfer students must complete one semester at UNC Charlotte before making application for the program For more information, contact the

University Career Center.

Service Learning Opportunities through the University Career Center

Service Learning opportunities include 49erships in non-profit and government agencies and organizations, enabling students to gain career related and community service experience while learning about related social, civic, human service, and political issues. Students work a minimum of 80 hours per semester to complete the program. Fall and spring 49erships are part-time, and summer 49erships

may be full or part-time. Students must qualify academically, and pay a registration fee for transcript notation. Employers (as well as

career advisors) assist students in working toward learning objectives and will complete an evaluation on each student at the end of each term. Students receive transcript notation, but not academic credit.

Cooperative Education Program. (p 95)

Students in the Department of Accounting may obtain practical work experience related to their major by participating in the Cooperative Education Program. The work experience arranged in coordination with the University Career Center must be closely related to the study

of accounting and must be approved by the Co-op Advisor in the Accounting Department. To be eligible for cooperative education,

students must be juniors who have an overall GPA of at least 2.5 and have completed the progression courses required by The Belk

College of Business Administration. Transfer students must complete at least 12 hours at UNC Charlotte to be eligible for cooperative education. Completion of courses related to the co-op position may be required prior to the co-op work experience. These courses will be established by the Co-op Advisor. Students must complete either two full-time alternating semesters of work or three consecutive part-time work semesters while taking a reduced academic load of no more than nine credit hours. Students selected to work in a public accounting

firm or for an internal audit position may complete program requirements by working one semester and either writing a paper or making a

formal presentation before faculty and students.

Cooperative Education Program. (p 96)

Management Information Systems and Industrial/Operations Management majors may obtain practical work experience related to their

major by participating in the cooperative education program. To be eligible for cooperative education, students must be juniors who have

an overall GPA of at least 2.5 and have completed the progression courses required by The Belk College of Business Administration.

Transfer students must complete at least 12 hours at UNC Charlotte to be eligible for cooperative education. Completion of courses related

to the co-op position may be required prior to the co-op work experience. These courses will be established by the Co-op Advisor. Students must complete either two full-time alternating semesters of work or three consecutive part-time work semesters while taking a reduced

academic load of no more than nine credit hours. **Participation must be approved in advance. Contact the University Career Center for**

more information.

Cooperative Education Program. Management Students majoring in Management Information Systems are strongly encouraged to

participate in the University cooperative education program, which provides substantial educational and employment opportunities. Furthermore, many companies hire only students who have participated in the cooperative education program. **To be eligible for**

cooperative education, students must be juniors who have an overall GPA of at least 2.5 and have completed the progression courses

required by The Belk College of Business Administration. Transfer students must complete at least 12 hours at UNC Charlotte to be eligible

for cooperative education. Completion of courses related to the co-op position may be required prior to the co-op work experience. These courses will be established by the Co-op Advisor. Students must complete either two full-time alternating semesters of work or three consecutive part-time work semesters while taking a reduced academic load of no more than nine credit hours. Participation must be

approved in advance. Contact the University Career Center for more information.

Cooperative Education Program. (p 99)

Economics majors may obtain practical work experience related to their major by participating in the cooperative education program. To

be eligible for cooperative education, students must be juniors who have an overall GPA of at least 2.5 and have completed the eight progression courses required by the Department of Economics. Transfer students must complete at least 12 hours at UNC Charlotte to be eligible for cooperative education. Completion of courses related to the co-op position may be required prior to the co-op work experience. These courses will be established by the Co-op Advisor **and must be approved in advance. Contact the University Career Center for more information.**

Cooperative Education Program. (p 102)

Management majors may obtain practical work experience related to their major by participating in the cooperative education program. To

be eligible for cooperative education, students must be juniors who have an overall GPA of at least 2.5 and have completed the progression courses required by The Belk College of Business Administration. Transfer students must complete at least 12 hours at UNC Charlotte to be eligible for cooperative education. Completion of courses related to the co-op position may be required prior to the co-op work experience. These courses will be established by the Co-op Advisor in the University Career Center. Students must complete either two full-time

alternating semesters of work or three consecutive part-time work semesters while taking a reduced academic load of no more than nine

credit hours. Experiences are arranged in coordination with the University Career Center.

Cooperative Education Program. (p 104)

Marketing majors may obtain practical work experience related to their major by participating in the cooperative education program. To be eligible for cooperative education, students must be juniors who have an overall GPA of at least 2.5 and have completed the progression courses required by The Belk College of Business Administration. Transfer students must complete at least 12 hours at UNC Charlotte to

be eligible for cooperative education. Completion of courses related to the co-op position may be required prior to the co-op work

experience. These courses will be established by the Co-op Advisor. Students must complete either two full-time alternating semesters

of work or three consecutive part-time work semesters while taking a reduced academic load of no more than nine credit hours. The

Department of Marketing coordinates the co-op experience with the University Career Center.

College of Engineering

Cooperative Education (Co-op) Program. (p 118)

Students in The William States Lee College of Engineering may obtain practical work experience while pursuing their degree by participating

in cooperative education whereby a student alternates semesters of full-time academic study with semesters of full-time work experience in industry. The work experience is under the direction of the student's major department and is closely related to his or her field of study. Civil engineering, computer engineering, electrical engineering, and mechanical engineering students who fulfill all requirements of the co-op program can earn up to three credit hours for a technical elective and will receive partial credit toward the professional practice requirement

for registration as a Professional Engineer. To be eligible for the Co-op program, an engineering student must have completed at least 24

credit hours at UNC Charlotte including a number of specified courses with a minimum GPA of 2.5. A transfer student is expected to have completed at least 12 hours at UNC Charlotte. An engineering technology student

must have earned an Associate of Applied Science degree with a GPA of 2.5 or better (out of 4.0) and completed at least 12 hours at UNC Charlotte. For an undergraduate to be officially designated as

a Co-op student, he or she must participate in at least three semesters of work experience (three work sessions and three seminar courses). Consequently, participation in Co-op Education usually means that the student will take five years to complete the engineering program or three years (at UNC Charlotte) to complete the engineering technology program. Students interested in learning more about the advantages and opportunities of participating in this program should contact the College's Faculty Associate for Student Professional Development or

the University Career Center.

Domestic Internships. A number of opportunities for non-credit internships, called 49ershops, exist for students in the College. Engineering internships are almost always paid positions. A minimum of 80 work hours for one semester is required to complete the program. Fall and Spring 49ershops are part-time. Summer 49ershops may be full or part-time. Full-time students who are in good University standing, have completed their freshman year, and have a 2.0 minimum cumulative GPA are eligible. It does not offer academic credit, but it is noted on the student's transcript; students pay a participation fee. Approval for enrollment must be arranged before the student begins the work

experience. Students may begin this program during their sophomore year; transfer students must complete one semester at UNC Charlotte before making application for the program. Students interested in learning more about these opportunities should consult with their advisor, the College's Faculty Associate for Student Professional Development or the University Career Center. Information, contact the Office of Continuing Education, Extension, and Summer Programs.

Experiential Learning Requirements. (p 126)

All students graduating after August 1999 must complete at least one experiential course. Experiential courses are practice oriented courses such as cooperative education, internships, senior design projects, or undergraduate research.

College of Information Technology (p 140)

Cooperative Education Program. Students in the College of Information Technology may obtain practical work experience while pursuing

their degree by participating in cooperative education, whereby a student alternates semesters of academic study with semesters of work experience in industry. The work experience is under the direction of the student's department and is closely related to his or her field of

study. To be eligible for the Co-op program, students in the College of Information Technology must have completed at least 24 credit hours

at UNC Charlotte, including a number of specified courses, with a minimum GPA of 2.50. A transfer student is expected to have completed 12 hours at UNC Charlotte, with those same specified courses. For an undergraduate to be officially designated as a Co-op student, he or she must participate in at least two semesters of work experience. Consequently, participation in Co-op Education may mean that the student

will take five years to complete the programs at UNC Charlotte. Students interested in learning more about the advantages and opportunities

of participating in this program should contact the University Career Center.

Internships. A number of opportunities for internships exist for students in the College. These internships may be with or without pay

and with or without academic credit. Students interested in learning more about these opportunities should consult with their advisor and

with the College of Information Technology program coordinator in the University Career Center.

Cooperative Education in Computer Science. By participating in the Cooperative Education program, students in computer science may

pursue their education along with alternating work experiences so that they may be better prepared to enter their chosen professional career. Interested students should contact the *University Career Center* for more information.

Cooperative Education in Software and Information Systems. (p 142)

By participating in the Cooperative Education program, students in the department may pursue their education along with alternating work experiences so that they may be better prepared to enter their chosen professional career. Interested students should contact the University Career Center for more information.

Special Program (p 146)

Experiential Learning Programs

The majority of UNC Charlotte students are expected to and do participate in University-sanctioned experiential learning programs

(over 60%). Opportunities are available for both undergraduate and graduate students to receive course credit, **transcript notation**, or other recognition for supervised experiences in public and private agencies within the community, nationally, and internationally. These opportunities are offered through experiential learning programs including over 330 courses involving clinicals, cooperative education, internships, **49erships**, and practical. The University Career Center coordinates most experiential learning opportunities for the campus

and can provide information about the following options:

Cooperative Education: This career related professional program is available to students in the Colleges of Arts and Sciences, Business Administration, Information Technology, and Engineering. Participants must have a GPA of at least 2.5 and complete course requirements specified by their department. Transfer students must complete 12 hours at UNC Charlotte before applying to the program. Co-op students work two to three semesters either part-time or fulltime (depending on college requirements) with an employer in a paid work experience. Although the experience does not offer academic credit, participants are classified **as full-time students and receive transcript notation**.

Internships: Internship programs provide an introduction to career options in a professionally related work experience **which enables the student to apply classroom learning**. This experience is usually unpaid and may offer academic credit if there is appropriate faculty

supervision. Students work 8 to 12 hours a week while also taking classes.

The 49ership Program: The University Career Center sponsors a non-credit internship called a 49ership. Program participation is especially valuable for students who want career experience and do not have an internship option through their academic major. Students may

participate in the program after their freshman year provided they have a GPA of 2.0 or better; graduate students must complete 9 credit

hours in their graduate program before making application. (Transfer students must successfully complete 12 credit hours at UNC Charlotte before making application.) **A minimum of 80 work hours for one semester is required to complete the program. Fall and Spring 49erships**

are part-time. Summer 49erships may be full or part-time. Full-time students who are in good University standing, have completed their

freshman year, and have a 2.0 minimum cumulative GPA are eligible. It does not offer academic credit, but it is noted on the student's transcript; students pay a registration fee. Approval for enrollment must be arranged before the student begins the work experience. Participating employers have included Carolinas Medical Center, the District Attorney's Office, General Electric, Walt Disney World,

Duke Energy, Vanguard, Transamerica, and US Airways. Seventy percent (70%) of the positions in this program are compensated.

Service Learning Opportunities through the University Career Center

Service Learning opportunities include 49erships in non-profit and government agencies and organizations, enabling students to gain career related and community service experience while learning about related social, civic, human service, and political issues. Students work a minimum of 80 hours per semester to complete the program. Fall and spring 49erships are part-time, and summer 49erships

may be full or part-time. Students must qualify academically, and pay a registration fee for transcript notation. Employers (as well as

career advisors) assist students in working toward learning objectives and will complete an evaluation on each student at the end of each term. Students receive transcript notation, but not academic credit.

The Career Prospector Program: This program involves "shadowing" professionals in various career fields. Students are able to explore career options and academic interests by conducting informational interviews and observing professionals in the career fields of their

choice. The shadowing experiences can last for one day or longer, depending on the schedules of the students and sponsors. Over 300 sponsors in various career fields participate in this program coordinated through the University Career Center.

cc: Dr. Rick Lejk, Chair, Undergraduate Course & Curriculum Comm.
Ms. Denise Dwight Smith, Director, University Career Center

Dr. Bill Hill, Assoc. Dean, College of Arts & Sciences

Dr. Hughlene Burton, Accounting Dept.

Dr. Mark Clemens, Biology Dept.

Dr. Bernadette Donovan-Merkert, Chemistry Dept.

Dr. John Gandar, Economics Dept.

Dr. Ronald Smelser, Assoc. Dean, College of Engineering

Dr. Gerald Ingalls, Geography & Earth Sciences Dept.

Dr. Calvin W. Sealey, Jr., Finance Dept.

Dr. Moutaz Khouja, Bus. Info. Systems & Operations Management

Dr. Alan Dow, Math Dept.

Dr. Ben Tepper, Management Dept.

Dr. Linda Swayne, Marketing Dept.

Dr. Faramarz Farahi, Physics Dept.

Ms. Stephanie Hodgin, President, Student Government Association

Mr. Richard Yount, Registrar

Mr. Craig Fulton, Director, Admissions

Ms. Peggy Gordon, Undergraduate Catalog

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: July 20, 2004

RE: Request to approve TRAN 4404-F, TRAN 4404-S, and TRAN 4404-G for
the "W" goal designation.

The request to approve TRAN 4404-F (Practicum in Translating III-French),
TRAN 4404-S (Practicum in Translating III-Spanish), and TRAN 4404-G
(Practicum in Translating III-German) for the "W" goal designation was
approved by the Associate Dean for General Education (Dr. Mark West)
and the Senior Associate Provost (Dr. Wayne Walcott) on July 20, 2004.
It is approved for immediate implementation.

cc: Dr. Richard Lejk

Dr. Mark West

Dr. Anabel Aliaga-Bucheneau

Dr. Martha Miller

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: June 2, 2004

RE: Request to establish ARTF 3255: Book Arts & Papermaking

The request to establish ARTF 3255: Book Arts & Papermaking was approved by the chair of the Undergraduate Course and Curriculum Committee on May 27, 2004 for immediate implementation.

New catalog copy

ARTF 3255. Book Arts & Papermaking. (3)

An introduction to book art forms including hand-sewn Western Codex, Japanese binding, accordion pleas, and others. Students will create a portfolio of hand made papers using abaca and other fibers,

and explore three-dimensional paper forms. Six contact hours. *(Summer, Alternate Years) (On Demand)*

cc: Dr. Rick Lejk
Prof. Roy Strassberg

Prof. Mary Tuma

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: June 2, 2004

RE: Request to establish ARTC 4972: Ceramic Projects 2

The request to establish ARTC 4972: Ceramic Projects 2 was approved by the chair of the Undergraduate Course and Curriculum Committee on May 19, 2004 for immediate implementation.

New catalog copy

ARTC 4972. Ceramic Projects 2. (3)

Prerequisite: ARTC 4971; Co-requisite: ARTA 4601 or consent of instructor. Continuation of ARTC 4971 culminating in a body of original ceramic art in preparation for BFA Senior Exhibition. Six contact hours.

(Fall, Spring)

cc: Dr. Rick Lejk
Prof. Roy Strassberg

Prof. Joan Tweedy

Ms. Stephanie Hodgins

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 31, 2004

RE: Request to establish GEOG 6643: Rural Development Issues and cross-list with existing
PPOL 8643: Rural Development Issues

The request to establish GEOG 6643: Rural Development Issues and cross-list with existing
PPOL 8643: Rural Development Issues was approved by the chair of the Graduate Council
on February 23, 2004 for immediate implementation.

New catalog copy

GEOG 6643. Rural Development Issues. (3)

Prerequisite: Permission of the instructor. This course provides research experiences that focus on policy
formulation, and demographic, economic and planning issues in rural issues. *(Fall)*

cc: Dr. Gerald Ingalls

Dr. Tyrel Moore

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 26, 2004

RE: Request to establish a Bachelor of Science degree in Meteorology

The request to establish a Bachelor of Science degree in Meteorology was approved by the Undergraduate Course and Curriculum Committee on April 26, 2004 and the

Faculty Council on the May 12, 2004 Consent Calendar, for forwarding to the Office of the President.

cc: Dr. Gerald Ingalls
Dr. John Bender

Ms. Stephanie Hodgkin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts & Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 26, 2004

RE: Request to establish ARTE 6021: Topics: Graduate Art Studio and ARTE 6923:

Advanced Art Education Methods

The request to establish ARTE 6021: Topics: Graduate Art Studio and ARTE 6923:
Advanced Art Education Methods was approved by the Graduate Council on
May 11, 2004 and by the Faculty Council on the May 12, 2004 Consent Calendar for
immediate implementation.

New catalog copy

ARTE 6021. Topics: Graduate Art Studio. (3)

Prerequisite: Admission to MAT program and consent of instructor. Supervised individual creative research

of artistic problems in a particular discipline with appropriate documentation of resulting research. Six contact hours.

May be repeated for credit. *(Fall, Spring)*

ARTE 6923. Advanced Art Education Methods. (3)

Prerequisite: Grade of "B" or better in ARTE 5121 and ARTE 5122, and MAT Phase Two Standing. Understand and

demonstrate knowledge of art education research, art content, advanced pedagogy, and leadership through selected

readings, presentations, and research paper. Begin preliminary work on Master's Research Project or Master's

Comprehensive Portfolio. Course culminates in written proposal for research direction in preparation for MDSK 6691.

Studio/Lecture course. Six contact hours. *(On demand)*

cc: Dr. Gerald Ingalls
Prof. Roy Strassberg

Prof. Winston Tite

Ms. Stephanie Hodgkin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 26, 2004

RE: Request to establish COMM 5000: Topics in Communication Studies

The request to establish COMM 5000: Topics in Communication Studies was approved by the Graduate Council on May 11, 2004 and by the Faculty Council

on the May 12, 2004 Consent Calendar for immediate implementation.

New catalog copy

COMM 5000. Topics in Communication Studies. (3)

Timely and important areas relevant to communication studies. May be repeated for credit with

permission of the major advisor. *(On demand)*

cc: Dr. Gerald Ingalls
Dr. Richard Leeman

Ms. Stephanie Hodgkin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 26, 2004

RE: Request to establish HIST 6330: History in the Digital Age

The request to establish HIST 6330: History in the Digital Age was approved by the Graduate Council on May 11, 2004 and by the Faculty Council on the May 12, 2004 Consent Calendar for immediate implementation.

New catalog copy

HIST 6330. History in the Digital Age. (3)

Prerequisite: permission of the department. This course analyzes the impact of new media technology on the discipline of history as well as the ways in which new media enhance the discipline by making history accessible to a much broader audience. This course will involve a community-based new media project that will require students to learn to work as a team, which is important to their preparation for careers in public history settings. Coursework includes common readings of text and encounters with on-line case studies, with an emphasis on student involvement in an individually designed digital media project. (*Spring*)

cc: Dr. Gerald Ingalls
Dr. John Smail

Dr. Karen Cox

Ms. Stephanie Hodgkin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 26, 2004

RE: Request to establish ESCI 5250: Advanced Dynamic Meteorology and
ESCI 5251: Advanced Synoptic Meteorology

The request to establish ESCI 5250: Advanced Dynamic Meteorology and ESCI 5251: Advanced Synoptic Meteorology was approved by the Graduate Council on April 20, 2004 and by the Faculty Council on the May 12, 2004 Consent Calendar for immediate implementation.

New catalog copy

ESCI 5250. Advanced Dynamic Meteorology. (3)

Prerequisites: ESCI 3250 and ESCI 3251, or instructor consent. An extension of ESCI 3250 to provide an in-depth examination of atmospheric dynamics, focusing on the structure and evolution of synoptic scale dynamical and convective weather systems, and atmospheric modeling. Three hours of lecture per week.

(Fall, On demand)

ESCI 5251. Advanced Synoptic Meteorology. (3)

Prerequisites: ESCI 3250 and ESCI 3251, or instructor consent. An extension of ESCI 3251 sufficient to develop an integrated view of dynamic and synoptic meteorology. Included are a survey of conceptual models and analysis techniques for mesoscale atmospheric features, cumulus convection, and tropical storms. Three hours of lecture per week. *(Spring, On demand)*

cc: Dr. Gerald Ingalls
Dr. Brian Etherton

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 26, 2004

RE: Request to revise the requirements for the M.A. degree in Communication Studies

The request to revise the requirements for the M.A. degree in Communication Studies was approved by the Graduate Council on May 11, 2004 and by the Faculty Council on the May 12, 2004 Consent Calendar for immediate implementation.

New catalog copy

-

Thesis/Directed Project/Comprehensive Examination

Students pursuing a Master's degree in Communication have three options to complete the program. Upon the successful completion of 24 hours of course work students may elect to write a thesis or directed project. In conjunction with a Faculty Research Committee composed of a minimum of three members of the graduate faculty, two of whom must be from the Communication Studies Department, the student proposes and writes a traditional academic thesis. In conjunction with his/her Committee, the student is required to designate one of the faculty members Chair of the Committee. When the Chair

of the Thesis Committee is satisfied the student's research and writing has progressed sufficiently, the thesis is provided to other members of the Faculty thesis Committee. If they agree that the document is ready for a defense, an exam is scheduled. The Chair must then notify, in writing, every member of the Department's graduate faculty and every graduate student of the date, time, place and the topic (title with abstract) of the defense.

Students may alternately complete a directed project. Successful completion of a directed project entails following exactly the same procedures required of the thesis. Directed projects allow students to depart from the traditional format of the thesis and execute a less formal research project with practical implications rather than the production of original research. As a third alternative, students may complete a comprehensive examination and oral defense of their answers. Students electing to take the comprehensive examination must complete 6 hours of additional coursework beyond that required of students completing theses and directed projects. The exam cannot be scheduled until students have completed 24 hours of coursework and are enrolled in their last six hours of required coursework. A student taking the exam must designate a member of the Communications Studies graduate faculty as his/her examination advisor. The three-question exam will measure the student's mastery of research methods, communication theory and an area of specialization in the discipline. Students are required to engage in a closed oral defense of their answers upon completion of the exam. Students will have two opportunities to receive passing marks on the examination and defense. Students who fail to pass an exam and defense for a second time will be terminated from the program.

cc: Dr. Gerald Ingalls
Dr. Richard Leeman

Ms. Stephanie Hodgkin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 11, 2004

RE: Request to establish RELS 3120: Christianity; RELS 3129: Christian Controversies;
RELS 4121: Medieval and Reformation Christianity, and RELS 4127. The existing
RELS 3125 will be deleted from the curriculum.

The request to establish RELS 3120: Christianity; RELS 3129: Christian Controversies;
RELS 4121: Medieval and Reformation Christianity, and RELS 4127 was approved by
the chair of the Undergraduate Course and Curriculum Committee on May 5, 2004 for

immediate implementation.

New catalog copy

RELS 3120. Christianity. (3)

The world-wide development of the thought and practices of diverse Christian traditions from antiquity to the present. *(Yearly)*

RELS 3129. Christian Controversies. (3)

An exploration of Christian responses to ethical, cultural, political, and theological conflicts. The issues are selected to represent a range of time periods in the history of various Christian traditions. *(Alternate Years)*

RELS 4121. Medieval and Reformation Christianity. (3)

An examination of Christian thought and practice from the early Middle Ages (c. 500 CE) through the reformations of the sixteenth century. *(Alternate Years)*

RELS 4127. Material Christianity. (3)

An examination of the ways individuals and groups throughout the Christian tradition have invested material objects with sanctity and power. Much of the course will be devoted to exploring theoretical models and theological warrants for practices related to objects. *(Alternate Years)*

Delete RELS 3125. Medieval Christianity. (3)

cc: Dr. Rick Lejk

Dr. James Tabor

Dr. Ed St. Clair

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 11, 2004

RE: Request to change requirements for Judaic Studies interdisciplinary minor

The request to change requirements for Judaic Studies interdisciplinary minor was

approved by the chair of the Undergraduate Course and Curriculum Committee on
May 5, 2004 for immediate implementation.

New catalog copy (replace the existing copy in its entirety)

Judaic Studies

INTERDISCIPLINARY STUDIES

Coordinator: Isaac Swift Distinguished Professor Cohen

The interdisciplinary minor in Judaic Studies is designed to cultivate an understanding of the breadth of Jewish culture, history, languages, literature, philosophy, religion, along with the Jewish contributions to global cultures.

JUDAIC STUDIES MINOR

The minor requires the completion of 18 hours of approved courses offered by at least two departments.

At least 9 hours must be in courses at the 3000 level or above, normally including RELS 3110, Judaism.

Though it is not a requirement, minors are strongly encouraged to take at least 3 hours in ancient or modern Hebrew.

Below is a representative list of courses that have recently been offered. The complete list of approved

courses is updated each semester to reflect the actual course offerings of the participating departments and is available from www.uncc.edu/judaicstudies.

ENGL 4002: Women in Literature: Jewish Women Writers; ENGL 4050: Literary Responses to the Holocaust; ENGL 4146: Contemporary Jewish-American Literature; FORL 1201: Biblical Hebrew I; FORL 1202: Biblical Hebrew II; GERM 3050: German Holocaust; HIST 2216: History of the Modern Middle East; HIST 3148: The Holocaust; RELS 2104: Hebrew Scriptures; RELS 3110: Judaism; RELS 3104: Prophecy and Prophetic Literature in Ancient Israel; RELS 3107: Psalms and Wisdom Literature; RELS 4000: Advanced Hebrew; RELS 4107: Early Judaism; RELS 4108: Medieval Judaism; RELS 4109: Modern Judaism; RELS 4110: Contemporary Jewish Thought; WMST 3111: Women in Judaism.

cc: Dr. Rick Lejk
Dr. Ed St. Clair

Dr. Richard Cohen

Dr. John Smail

Dr. Cy Knoblauch

Dr. Martha Miller

Dr. Laura Kaplan

Ms. Stephanie Hodgkin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 11, 2004

RE: Request to change the grading for graduate research courses to Pass/Unsatisfactory

The request to change the grading for graduate research courses to Pass/Unsatisfactory was approved by the chair of the Graduate Council on May 3, 2004 for immediate implementation.

New catalog copy

Change the grading for the following graduate research courses to **Pass/Unsatisfactory**:

- GEOL 6110. Directed Research in the Solid Earth Sciences. (3-6)
- GEOL 6120. Directed Internship in the solid Earth Sciences. (9)
- GEOL 6130. Thesis Research in the Solid Earth Sciences. (9)

- ESCI 6210. Directed Research in Climatology and Hydrology. (3-6)
- ESCI 6220. Directed Internship in Climatology and Hydrology. (9)
- ESCI 6230. Thesis Research in Climatology and Hydrology. (9)
- ESCI 6310. Directed Research in Environmental Monitoring and Decision Support Systems. (3-6)
- ESCI 6320. Directed Internship in Environmental Monitoring and Decision Support Systems. (9)
- ESCI 6330. Thesis Research in Environmental Monitoring and Decision Support Systems. (9)

cc: Dr. Rick Lejk
Dr. Gerald Ingalls

Dr. John Bender

Ms. Stephanie Hodgins

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 11, 2004

RE: Request to establish ARTD 3135: Expressive Drawing

The request to establish ARTD 3135: Expressive Drawing was approved by the chair of the Undergraduate Course and Curriculum Committee on May 4, 2004 for immediate implementation.

[New catalog copy](#)

ARTD 3135: Expressive Drawing. (3)

Prerequisites: ARTB 1205 and *either* ARTD 2139 or ARTR 2161 or consent of instructor. Intermediate studio exploring experimental, expressive, and conceptual approaches to drawing. Includes figurative and non-figurative representation as well as abstraction. Emphasis on personal imagination and personal imagery. Six contact hours. *(Spring)*

cc: Dr. Rick Lejk
Mr. Roy Strassberg

Ms. Susan Brenner

Ms. Heather Hoover

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 11, 2004

RE: Request to establish ARTH 3310: Northern Renaissance Art, ARTH 3311: Italian

Renaissance Art, and ARTH 3312: Northern Baroque Art

The request to establish ARTH 3310: Northern Renaissance Art, ARTH 3311: Italian Renaissance Art, and ARTH 3312: Northern Baroque Art was approved by the chair of the Undergraduate Course and Curriculum Committee on May 4, 2004 for immediate implementation.

New catalog copy

ARTH 3310: Northern Renaissance Art. (3)

Prerequisite: ARTH 1212 or consent of instructor. Survey of Netherlandish and German painting, printmaking, and sculpture of the Renaissance. Readings and discussions focus on religion, patronage, and the used of art in society. *(Fall)(Alternate Years)*

ARTH 3311: Italian Renaissance Art. (3)

Prerequisite: ARTH 1212 or consent of instructor. Survey of major artists and issues in Italian Renaissance art and architecture. Readings and discussions focus on major centers of artistic activity, patronage, and the rise of Humanism. *(Spring)(Alternate Years)*

ARTH 3312: Northern Baroque Art. (3)

Prerequisite: ARTH 1212 or consent of instructor. Survey of Northern European art from the 16th and 17th centuries. Readings and discussions focus on a variety of artistic genres and art's relationship to religion and politics. *(Spring)(Alternate Years)*

cc: Dr. Rick Lejk
Mr. Roy Strassberg

Dr. Bonnie Noble

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 11, 2004

RE: Request to establish ARTH 3100: Field Study in Visual Art

The request to establish ARTH 3100: Field Study in Visual Art was approved

by the chair of the Undergraduate Course and Curriculum Committee on
May 4, 2004 for immediate implementation.

New catalog copy

ARTH 3100: Field Study in Visual Art. (3)

Short, intensive summer course on contemporary art issues combining a seminar (reading, research, discussion, writing, and oral presentation) with a week-long group field trip to major museums, alternative spaces, galleries, and artists' studios in New York City. *(On Demand)*

cc: Dr. Rick Lejk
Mr. Roy Strassberg

Ms. Susan Brenner

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 11, 2004

RE: Request to establish ARTE 1121: Introduction to Art Education

The request to establish ARTE 1121: Introduction to Art Education was approved by the chair of the Undergraduate Course and Curriculum Committee on May 4, 2004 for immediate implementation.

New catalog copy

ARTE 1121: Introduction to Art Education. (1)

Introduction to the field of art education, with exploration in learning theories, lesson planning and assessment, and studio projects appropriate for teaching K-12 students. Lecture/Lab course. *(Fall)*

cc: Dr. Rick Lejk
Mr. Roy Strassberg

Ms. Susannah Brown

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 10, 2004

RE: Request to establish ARTP 4933: Painting Projects 3

The request to establish ARTP 4933: Painting Projects 3 was approved by the chair of the Undergraduate Course and Curriculum Committee on May 4, 2004 for immediate implementation.

New catalog copy

ARTP 4933: Painting Projects 3. (3)

Prerequisites: ARTP 4932; Co-requisite: ARTA 4601 or consent of instructor. Advanced Studio continuing exploration of individual direction(s) in painting and preparation for Senior Exhibition. Six contact hours.

May be repeated for credit without exhibition. *(Fall, Spring)*

cc: Dr. Rick Lejk
Mr. Roy Strassberg

Ms. Susan Brenner

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 10, 2004

RE: Request to establish ARTR 3161: Mixed Media: Works on Paper

The request to establish ARTR 3161: Mixed Media: Works on Paper was approved by the chair of the Undergraduate Course and Curriculum Committee on May 4, 2004 for immediate implementation.

New catalog copy

ARTR 3161: Mixed Media: Works on Paper. (3)

Prerequisite: Either ARTR 2161, ARTR 2162, ARTD 2139, ARTP 2131 or consent of instructor. Intermediate studio exploring conceptual problems using color drawing media, painting, collage, and low-tech printmaking techniques. Emphasis on personal imagery along with the expressive potential of combined media. Six contact hours. *(Fall)*

cc: Dr. Rick Lejk
Mr. Roy Strassberg

Ms. Susan Brenner

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 10, 2004

RE: Request to establish ARTR 4963: Printmaking & Drawing Projects 3

The request to establish ARTR 4963: Printmaking & Drawing Projects 3 was approved by the chair of the Undergraduate Course and Curriculum Committee on May 4, 2004 for immediate implementation.

New catalog copy

ARTR 4963: Printmaking & Drawing Projects 3. (3)

Prerequisite: ARTR 4962; Co-requisite: ARTA 4601 or consent of instructor. Studio exploring individual direction(s) in any or combined media of printmaking and/or drawing and preparation for Senior Exhibition. Six contact hours. May be repeated for credit without the exhibition.

(Fall, Spring)

cc: Dr. Rick Lejk

Mr. Roy Strassberg

Ms. Heather Hoover

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 7, 2004

RE: Request to establish ARTZ 4943: Sculpture Projects 3

The request to establish ARTZ 4943: Sculpture Projects 3
was approved by the chair of the Undergraduate Course and
Curriculum Committee on May 4, 2004 for immediate implementation.

New catalog copy

ARTZ 4943. Sculpture Projects 3. (3)

Prerequisites: ARTZ 4942; Co-requisite: ARTA 4601 or consent of instructor. Studio continuing
exploration of individual direction(s) in sculpture in preparation for Senior Exhibition. Six contact
hours. *(Fall, Spring)*

cc: Dr. Rick Lejk
Mr. Roy Strassberg

Mr. Winston Tite

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 7, 2004

RE: Request to establish ARTT 4292: Color Photography 2

The request to establish ARTT 4292: Color Photography 2 was approved by the chair of the Undergraduate Course and Curriculum Committee on May 4, 2004 for immediate implementation.

New catalog copy

ARTT 4292. Color Photography 2. (3)

Prerequisites: ARTT 3292 or consent of instructor. Studio continuing exploration of individual expression in color photography with emphasis on development of a unified color portfolio.

Six contact hours. *(On demand)*

cc: Dr. Rick Lejk
Mr. Roy Strassberg

Ms. Martha Strawn

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 7, 2004

RE: Request to establish ARTA 4601: BFA Senior Exhibit

The request to establish ARTA 4601: BFA Senior Exhibit was approved by the chair of the Undergraduate Course and Curriculum Committee on May 4, 2004 for immediate implementation.

[New catalog copy](#)

ARTA 4601. BFA Senior Exhibit. (1)

Prerequisites: Senior status, ARTA 3201, 3202, or 3203, concurrently enrolled in the final Projects class in the concentration or consent of instructor. BFA candidates will prepare, install, and exhibit a body of work to fulfill BFA exit requirement. *(Pass/No Credit) (Fall, Spring)*

cc: Dr. Rick Lejk
Mr. Roy Strassberg

Mr. Winston Tite

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 7, 2004

RE: Request to approve LTAM 1100 for the "O" goal designation.

The request to approve LTAM 1100 for the "O" goal designation was approved by the Associate Dean for General Education (Dr. Mark West) and the Provost (Dr. Joan Lorden) on May 4, 2004. It is approved for immediate implementation.

cc: Dr. Richard Lejk

Dr. Mark West

Dr. Jurgen Bucheneau

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 7, 2004

RE: Request to approve LTAM 4600 for the "W" goal designation.

The request to approve LTAM 4600 for the “W” goal designation was approved by the Associate Dean for General Education (Dr. Mark West) and the Provost (Dr. Joan Lorden) on May 4, 2004. It is approved for immediate implementation.

cc: Dr. Richard Lejk

Dr. Mark West

Dr. Jurgen Bucheneau

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 7, 2004

RE: Request to establish FORL 3201: Advanced Foreign Language I and
FORL 3202: Advanced Foreign Language II

The request to establish FORL 3201: Advanced Foreign Language I and
FORL 3202: Advanced Foreign Language II was approved by the chair of
the Undergraduate Course and Curriculum Committee on April 28, 2004
for immediate implementation.

New catalog copy

FORL 3201. Advanced Foreign Language I. (3)

Prerequisite: FORL 2202 or permission of the Department. Review of grammar and guided
conversation on prepared topics. Emphasis on spoken language. *(On demand)*

FORL 3202. Advanced Foreign Language II. (3)

Prerequisite: FORL 3201 or permission of the Department. Review of grammar and guided
compositions on prepared topics. Emphasis on vocabulary, idiomatic expressions, and
stylistics. *(On demand)*

cc: Dr. Rick Lejk
Dr. Michele Bissiere

Dr. Martha Miller

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 7, 2004

RE: Request to establish GEOG 4209: Small Town Planning

The request to establish GEOG 4209: Small Town Planning was approved by the chair of the Undergraduate Course and Curriculum Committee on April 27, 2004 for immediate implementation.

New catalog copy

GEOG 4209. Small Town Planning. (3)

This course will explore small town population dynamics, rural-urban fringe land use dynamics, and changes in small towns' community identity and sense of place. Emphasis will be placed on the issues and techniques that typify small town planning environments. Students will investigate these issues via field work and data collection at municipal scales within the Charlotte region. *(Spring, alternate summers)*

cc: Dr. Rick Lejk
Dr. Gerald Ingalls

Dr. Tyrel Moore

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 7, 2004

RE: Request to establish GEOG 2140: Geography of North Carolina

The request to establish GEOG 2140: Geography of North Carolina was approved by the chair of the Undergraduate Course and Curriculum Committee on April 27, 2004 for immediate implementation.

New catalog copy

GEOG 2140. Geography of North Carolina. (3)

A survey of the cultural, economic, urban, environmental and physical landscape of North Carolina with an emphasis on understanding the complex geographical variety that exists within a dynamic

Southern state. Historic, current and future geographic patterns will be explored. *(Spring, on demand)*

cc: Dr. Rick Lejk
Dr. Gerald Ingalls

Dr. William Graves

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 6, 2004

RE: Request to establish ESCI 4210: Soil Science and GEOL 4410: Applied Soil Science

The request to establish ESCI 4210: Soil Science and GEOL 4410: Applied Soil Science was approved by the chair of the Undergraduate Course and Curriculum Committee on April 27, 2004 for immediate implementation.

New catalog copy

ESCI 4210. Soil Science. (4)

Prerequisites: GEOL 1200, 1200L, ESCI 1101, 1101L, GEOL 3124, GEOL 3115 or permission of instructor.

Study of soils, soil-forming processes and soil morphology with an emphasis on soils as they relate to geologic landscapes and surficial processes. Students will learn how to describe and interpret soils in the field.

Three hours lecture, three hours lab per week with occasional field trips. *(Fall)*

GEOL 4410. Applied Soil Science. (4)

Prerequisites: GEOL 3124, GEOL 3115, ESCI 4210/5210 or permission of the instructor. Students will read and discuss current literature pertaining to the application of soils to various fields of research such as surficial processes, active tectonics, ecology, stratigraphy, archeology, and environmental assessment. Topics covered will vary depending on the interests of the students. Students will create and execute a semester-long soils-based field or laboratory research project of their choosing. Three hours seminar, three hours field or lab each week. *(Spring)*

cc: Dr. Rick Lejk
Dr. Gerald Ingalls

Dr. Walt Martin

Dr. Brian Etherton

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 6, 2004

RE: Request to establish ESCI 3140: Introduction to Meteorology & Climatology

The request to establish ESCI 3140: Introduction to Meteorology & Climatology was approved by the chair of the Undergraduate Course and Curriculum Committee on April 27, 2004 for immediate implementation.

New catalog copy

ESCI 3140. Introduction to Meteorology & Climatology. (3)

Prerequisite ESCI 1101 or consent of instructor. Fundamental physical principles of weather and climate.

Analysis of short and long term atmospheric behavior are introduced. Topics include solar radiation, temperature, moisture, wind and pressure, synoptic systems, regional climates, paleoclimates, climatic change, and applied climatology. *(Fall)*

cc: Dr. Rick Lejk

Dr. Gerald Ingalls

Dr. Walt Martin

Dr. Brian Etherton

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 6, 2004

RE: Request to establish MUED 4138: Jazz Pedagogy and Materials.

The request to establish MUED 4138: Jazz Pedagogy and Materials was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 27, 2004 for immediate implementation.

New catalog copy

MUED 4138. Jazz Pedagogy and Materials. (3).

Prerequisite: consent of instructor. The teaching and conducting of public school instrumental and vocal jazz ensembles, including rehearsal techniques, concert presentation, the history and theory of jazz, sources for appropriate teaching materials and improvisation techniques. Field work required. Three contact hours. *(Spring)*

cc: Dr. Rick Lejk
Dr. Royce Lumpkin

Dr. John Harding

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 6, 2004

RE: Request to establish BIOL 4242 & BIOL 4242L: Biology of Birds & Biology of Birds Lab.

The request to establish BIOL 4242 & BIOL 4242L: The Biology of Birds & The Biology of Birds Lab was approved by the Chair of the Undergraduate Course & Curriculum Committee on April 27, 2004 for immediate implementation.

New catalog copy

BIOL 4242. The Biology of Birds. (3).

Prerequisite: BIOL 3144 or consent of department. Overview of general avian biology, including taxonomy and anatomy, but concentrating on behavior, ecology and conservation of birds. Focus will be on birds of the southeastern U.S. Three lecture hours and one laboratory period of three hours per week. *(Spring)*

BIOL 4242L. The Biology of Birds Lab. (1).

Meets for one three-hour period per week (Spring). The laboratory and field portion of the Biology of Birds will focus on field identification and inventory techniques, with an introduction to anatomy. Students will need binoculars. *(Spring)*

cc: Dr. Rick Lejk
Dr. Mark Clemens

Dr. R.O. Bierregaard

Ms. Stephanie Hodgins

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: May 5, 2004

RE: Request to cross list existing courses from the BA in Dance Education:

DANC 4227/5227; DANC 4227L/5227L; DANC 4257/5257; DANC 4257L/5257L

and DANC 4400/5400 so that they may be taken by both undergraduate and graduate students.

The request to cross list existing courses from the BA in Dance Education: DANC 4227/5227; DANC 4227L/5227L; DANC 4257/5257; DANC 4257L/5257L and DANC 4400/5400 so that they may be taken by both undergraduate and graduate students was approved by the chair of the Undergraduate

Course and Curriculum Committee on April 26, 2004 for implementation beginning with 2004 Summer Sessions.

New catalog copy

DANC 4227/5227. Dance Education Methods I. (3)

Prerequisites: DANC 1202 or consent of instructor. Co-requisite: DANC 4227L/5227L. Creative movement theories; techniques and skills for teaching the elementary school child. *(Fall)*

DANC 4227L/5227L. Elementary Clinical Experience. (1)

Co-requisite: DANC 4227/5227. Observation and teaching in an elementary school setting. Application of methodologies introduced in DANC 4227/5227. (2 contact hours) *(Fall)*

DANC 4257/5257. Dance Education Methods II. (3)

Prerequisite: DANC 1202 or consent of instructor. Co-requisite: DANC 4257L/5257L. Experiences in techniques for teaching dance in elementary schools. *(Spring)*

DANC 4257L/5257L. Secondary Clinical Experience. (1)

Co-requisite: DANC 4257/5257. Observation and teaching in a secondary school setting. Application of methodologies introduced in DANC 3257. (2 contact hours) *(Spring)*

DANC 4400/5400. Internship in Dance (3-6)

Prerequisite: GPA of at least 2.5, junior status, and permission of Department Chair. Research and/or in-service training for dance majors and minors in cooperating organizations. Specific content is based upon a contract

between the students department and professional organization. Graded on a Pass/Fail basis. (*Fall, Spring, Summer*)

cc: Dr. Rick Lejk

Mr. Bruce Auerbach

Ms. Pamela Sofras

Ms. Stephanie Hodgins

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: May 4, 2004

RE: Request to make minor revisions to existing courses, re-numbering, changing titles, prerequisites and course descriptions to various other art courses listed below.

The request to make minor revisions to existing courses; re-numbering, changing titles, prerequisites and course descriptions to various other art courses listed below was approved by the chair of the Undergraduate Course and Curriculum Committee on April 20, 2004 for implementation beginning with 2004 Summer Sessions.

New catalog copy ([Revisions in blue](#))

ART HISTORY COURSE REVISIONS

(currently ARTA 1211)

ARTH 1211. Art History Survey I. (3)

Survey of Western art from prehistory to the Gothic period, focusing on the functions and meanings of individual works of art, visual culture, and art history as a discipline. Lecture course, objective exams. *(Fall)*

(currently ARTA 1212)

ARTH 1212. Art History Survey II. (3)

Survey of western art from late Gothic period to the present, focusing on the functions and meanings of individual works of art, visual culture, and art history as a discipline. Lecture course, objective exams. *(Spring)*

(currently ARTA 2112)

ARTH 2112. Asian Art. (3)

Survey of Indic, Chinese, and Japanese art with special emphasis upon the art as the illustration of religious, philosophical, and political ideals. Discussions of readings, lectures, slides, and video tapes. Essay exams. *(Fall)*

(currently ARTA 2113)

ARTH 2113. Art of Indigenous Peoples. (3)

Survey of Pre-Columbian and Native American art, Africa, and Oceania with special emphasis upon the art as the illustration of religious, philosophical, and political ideals. Discussion of readings, lectures, slides, and video tapes. Essay exams. *(On demand)*

(currently ARTA 2210)

ARTH 2210. Contemporary Art History. (3)

Prerequisite: [ARTH 1212](#) or consent of the instructor. [History of primary art movements, artists, and visual culture from 1940 to the present, including theoretical and historical perspectives.](#) *(Spring)*

(currently ARTA 2219)

ARTH 2219. History of Photography. (3)

Survey of the major events and stylistic developments in photography from 1839 to the present. *(Spring)(Alternate years or on demand)*

(currently ARTA 3001)

ARTH 3001. Topics in Art History. (1-3)

Special topics in art history. May be repeated for credit with change in topic. *(On demand)*

(currently ARTA 3110)

ARTH 3110. Art in the U.S. (3)

Prerequisite: [ARTH 1212](#) or consent of instructor. Survey of the major artists and movements in the United States from the Colonial period through 1940. The course combines lectures with discussions, tests, research, and writing.

(Cross-listed with AMST 3050) (Fall) (Alternate years)

(currently ARTA 3112)

ARTH 3112. Pre-Columbian Art. (3)

Survey of the arts and architecture of the Americas before European contact in the 16th century. Special emphasis on the interactions of religion, social systems, and the arts as well as identification of ethnic styles of art.

Discussions of readings, lectures, slides and video tapes. Essay exams. *(On demand)*

(currently ARTA 3113)

ARTH 3113. Medieval Art. (3)

Prerequisite: [ARTH 1211](#) or consent of instructor. Survey of the major movements in Europe and the Near East from 324-1400 C.E. with special emphasis on the philosophical background and the interrelationships among the arts of each period. Discussions of readings, lectures, slides, and video tapes. Essay exams. *(Spring) (Alternate years)*

DELETE ARTA 3114. Renaissance & Baroque Art.

(currently ARTA 3118)

ARTH 3119. 19th Century Art in Europe. (3)

Prerequisite: [ARTH 1212](#) or consent of instructor. Survey of the major artists and movements in 19th century in Europe, including discussions of cultural contexts and philosophical backgrounds of major artists and styles.

(Fall) (Alternate years)

(currently ARTA 3120)

ARTH 3120. 20th Century Art in Europe. (3)

Prerequisite: [ARTH 1212](#) or consent of instructor. Survey of the major movements in 20th century modernist art in Europe from 1900-1945, with special emphasis on the cultural and philosophical backgrounds of major artists and styles.

(Spring) (Alternate years)

(currently ARTA 3210)

ARTH 3210. Art History Methods. (3)

Prerequisite: [ARTH 1211](#) and [1212](#), or consent of instructor. Survey of primary methodologies, theories and research in

the history of art and art criticism, including formalism; iconography; connoisseurship; biography; social history;

Marxism; feminism; postmodern, and contemporary theory. *(Fall)*

(currently ARTA 3300)

ARTH 3300. Women in Art. (3)

A survey of the works and words of diverse women artists from Medieval to contemporary times with special consideration

of social history and art theory. This class combines lectures with discussion, tests, research, and writing.

(Cross-listed with WMST 3050) (On demand)

(currently ARTA 4212)

ARTH 4212. Contemporary Art Theory & Criticism. (3)

Prerequisites: ARTH 1212 and 3210, or consent of instructor. Major ideas and writings which discuss and interpret the

visual arts of the contemporary era; readings in theory and criticism from the postmodern and current periods.

(Spring) (Alternate years)

CERAMICS COURSE REVISIONS

(currently ARTC 2175)

ARTC 2171. Ceramics Handbuilding. (3)

Introduction to handbuilt forming methods, concept development, ceramic materials, and kiln firing procedures.

Six contact hours. *(Fall, Spring)*

(currently ARTC 2176)

ARTC 2172. Ceramics Wheel 1. (3)

Introduction to wheel forming methods **with** emphasis on skill development, design, glaze application, **utilitarian and sculptural concepts**, and basic high-fire techniques. Six contact hours.

(Fall, Spring)

(currently ARTC 2275)

ARTC 3171. Ceramic Sculpture. (3)

Prerequisite: ARTC [2171](#) or consent of instructor. Intermediate studio emphasizing sculptural techniques, concepts,

and design. Six contact hours. *(Fall, Spring)*

(currently ARTC 2276)

ARTC [3172](#). Ceramics Wheel 2. (3)

Prerequisite: ARTC [2172](#) or consent of instructor. Continuation of ARTC [2172](#) emphasizing further development of skills, materials, [high temperature](#) firing techniques, and design concepts [related to utility and sculpture](#).

Six [contact](#) hours. *(Fall, Spring)*

(currently ARTC 3175)

ARTC [3273](#). Ceramics 3. (3)

Prerequisite: ARTC [2171](#), [2172](#) or [3171](#) or consent of instructor. Intermediate development of skills and concepts.

More advanced materials and firing techniques. Six [contact](#) hours. *(Fall, Spring)*

(currently ARTC 3176)

ARTC [3274](#). Ceramics 4. (3)

Prerequisite: ARTC [3273](#) and ARTA [3203](#). Continuation of ARTS [3273](#). Six [contact](#) hours. *(Fall, Spring)*

(currently ARTC 3275)

ARTC [4175](#). Ceramics 5. (3)

Prerequisite: ARTC [3274](#). Advanced ceramic studio of higher level skills, concepts, and aesthetics with particular emphasis on personal expression and development of an individual clay portfolio. Six contact hours. *(Fall, Spring)*

(currently ARTC 3276)

ARTC 4971. Ceramics Projects 1. (3)

Prerequisite: ARTC 4175 or consent of instructor. Combination studio and seminar class. Continuation of ARTC 4175 with particular emphasis on personal expression and development of a strong individual clay portfolio. Six contact hours. *(Fall, Spring)*

GRAPHIC DESIGN COURSE REVISIONS

(currently ARTG 2181)

ARTG 2181. Graphic Design 1. (3)

Prerequisites: ARTB 1201, 1203, and 1206. Introduction to basic graphic design and visual communications principles and the history of design. Exploration of equipment, materials, techniques and procedures. Emphasis on concept development and basic layout design skills. Six contact hours. *(Fall, Spring)*

(currently ARTG 3183)

ARTG 3183. Mac for Graphic Design. (3)

Prerequisites: ARTM 2105 and ARTG 2181. Intermediate level graphic design and visual communications problem-solving with an introduction to electronic pre-press and print production techniques. Assignments focus on research, concept evolution, designer/client relationships, and the function of the computer as a creative tool. Six contact hours. *(Fall, Spring)*

(currently ARTG 3180)

ARTG 3184. Typography. (3)

Prerequisites: ARTG 2181 and ARTG 3183. Investigation of the principles of typography including the expressive characteristics of letterforms, the relationships between image and type, and the application of type to new forms of visual media. Six **contact** hours. *(Fall, Spring)*

(currently ARTG 3408)

ARTG 3408. Graphic Design Internship. (3)

Prerequisites: [ARTA 3201](#), [ARTG 3184](#) and consent of the instructor and sponsor. Placement in a professional setting for observation and supervised design related duties. An average of ten hours per week for twelve weeks for a total of 120 hours. Written documentation of internship required. *(Pass/No credit) (Fall, Spring, Summer)*

DELETE ARTG 3181. Advertising Design.

DELETE ARTG 3281. Corporate Design.

(currently ARTG 3981)

ARTG 4982. Graphic Design Projects. (3)

Prerequisites: [ARTG 4181](#) and [ARTA 3201](#); Co-requisite: [ARTA 4601](#) or consent of instructor. Advanced level studio course requiring independent solving of assigned design problems focusing on self-promotion and issues pertaining to design and society. Project requirements also include the creation of new portfolio pieces and/or the revision of existing work. Six **contact** hours. *(Fall, Spring)*

ILLUSTRATION COURSE REVISIONS

(currently ARTL 3981)

ARTL 4981. Illustration Projects. (3)

Prerequisite: ARTA 3201, ARTL 3186, ARTL 3286 and BFA status; Co-requisite: ARTA 4601 or consent of instructor.

Initiation and implementation of a self-designed advanced level project solving a complex artistic problem. Research

in self promotion, professional practice and portfolio refinement required. Six contact hours. *(Spring)*

PAINTING COURSE REVISIONS

(currently ARTP 2131)

ARTP 2131. Painting 1. (3)

Prerequisite: ARTB 1201 and 1203 or consent of instructor. Beginning studio exploring basic theory and technique of painting using oil paints. Six contact hours. *(Fall, Spring)*

(currently ARTP 3131)

ARTP 3131. Abstract Painting . (3)

Prerequisite: ARTP 2131 or consent of instructor. Intermediate studio exploring varieties of abstraction in modern and

post-modern painting practice, using acrylic and oil paints, collage, and mixed media. Six contact hours. *(Fall)*

(currently ARTP 3132)

ARTP 3132. Figure in Painting . (3)

Prerequisite: ARTP 2131 or consent of instructor. Intermediate studio exploring the human form as a vehicle for artistic

expression using oil and acrylic paints and mixed media. Six contact hours. *(Spring)*

(currently ARTP 3931)

ARTP 4931. Painting Projects 1. (3)

Prerequisites: ARTP 3131, 3132, and ARTA 3202, or consent of instructor. [Advanced studio exploring individual directions in painting and preparation for Senior Exhibition.](#) Six [contact](#) hours. *(Fall, Spring)*

(currently ARTP 3932)

ARTP 4932. Painting Projects 2. (3)

Prerequisite: [ARTP 3161 and ARTP 4931](#) or consent of instructor. [Advanced studio continuing exploration of individual](#)

[directions in painting and preparation for Senior Exhibition.](#) Six [contact](#) hours. *(Fall, Spring)*

SCULPTURE COURSE REVISIONS

(currently ARTZ 2141)

ARTZ 2141. Sculpture 1: Construction. (3)

Prerequisites: ARTB 1202 and 1203 or consent of instructor. Beginning studio exploring three-dimensional forms, concepts,

and [basic construction techniques utilizing wood as the primary media.](#) Six [contact](#) hours. *(Fall, Spring)*

(currently ARTZ 3141)

ARTZ 3142. Sculpture 2: Casting & Fabrication. (3)

Prerequisites: ARTZ 2141 or consent of instructor. [Intermediate studio continuing exploration of three-dimensional forms](#)

and concepts while introducing metal casting, more advanced wood-forming processes, and basic metal-fabrication

techniques. Six contact hours. *(Fall, Spring)*

(currently ARTZ 3241)

ARTZ 3243. Sculpture 3: Additive/Subtractive/Assemblage. (3)

Prerequisites: ARTC 2171 or ARTC 2172 and ARTZ 3142 or consent of instructor. Advanced studio continuing exploration

of three-dimensional forms and concepts while introducing additive/subtractive processes utilizing clay and plaster, and

advanced metal-fabrication techniques. Six contact hours. *(Fall, Spring)*

(currently ARTZ 3242)

ARTZ 3344. Sculpture 4: Public Sculpture. (3)

Prerequisites: ARTA 3203 and ARTZ 3243 or consent of instructor. Studio continuing exploration of three-dimensional

forms and concepts while introducing techniques and issues related to designing, constructing and installing large scale

public sculpture. Six contact hours. *(Fall, Spring)*

(currently ARTZ 3941)

ARTZ 4941. Sculpture Projects 1. (3)

Prerequisites: ARTZ 3344 or consent of instructor. Studio continuing exploration of individual direction(s) in sculpture

in preparation for Senior Exhibition. Six contact hours. *(Fall, Spring)*

(currently ARTZ 3942)

ARTZ 4942. Sculpture Projects 2. (3)

Prerequisites: ARTZ 4941 or consent of instructor. Studio continuing exploration of individual direction(s) in sculpture

in preparation for Senior Exhibition. Six contact hours. *(Fall, Spring)*

TIME ARTS COURSE REVISIONS

(currently ARTT 3191)

ARTT 3191. Camera & Light . (3)

Prerequisites: ARTB 1201 and ARTT 2191. Principles and practices of small, medium, or large format photography in

conjunction with available and studio lighting techniques. Emphasis on personal expression. Six **contact** hours. *(Fall, Spring)*

(currently ARTT 2291)

ARTT 3391. Black & White Printing . (3)

Prerequisites: ARTB 1201 and ARTT 2191. Continuation of ARTT 2191 with emphasis on contemporary methods, approaches

and techniques in silver printing used as a means of creative personal expression. Six **contact** hours. *(Fall, Spring)*

(currently ARTT 2292)

ARTT 3392. Color Photography 1. (3)

Prerequisite: ARTB 1201 and ARTT 2191. Continuation of ARTT 2191 with emphasis on color negative printing and theory and processes used as a means of creative personal expression. Six **contact** hours. *(On demand)*

(currently ARTT 3291)

ARTT 4291. Advanced Time Arts Media. (3)

Prerequisite: ARTT 3191 or consent of instructor. [Advanced use of Time Arts media for individual creative expression.](#)

May be repeated for credit. Six [contact](#) hours. *(On demand)*

(currently ARTT 3409)

ARTT 4409. Internship in Time Arts. (3)

Prerequisites: [ARTT 3191](#) and [ARTT 3291](#) or consent of instructor. Non-salaried opportunity for students to observe,

examine, and participate in the creative dynamics and procedural operations of photography and [e-media](#) art organizations,

photographically and [e-media](#) related businesses, or museum studies. Sponsor and faculty supervised. An average of

eight hours per week for fifteen weeks for a total of 120 hours. *(Pass/No Credit) (Fall, Spring, Summer)*

(currently ARTT 3695)

ARTT 4695. Time Arts Seminar 1. (3)

Prerequisite: 12 semester hours of photographic requirements; Co-requisite: [ARTT 4995](#) or consent of instructor. A

seminar emphasizing verbal and written criticism of photography and [e-media](#). Criticism focused on historical and contemporary bodies of work as well as on students' portfolios. Three lecture hours taken in conjunction with

[ARTS 4995](#). *(Fall, Spring)*

(currently ARTT 3696)

ARTT 4696. Time Arts Seminar 2. (3)

Prerequisites: [ARTT 4695](#) and [ARTT 4995](#); Co-requisite: [4996](#) or consent of instructor. Continuation of [ARTT 4695](#).

Three lecture hours taken in conjunction with [ARTT 4996](#). *(Fall, Spring)*

(currently ARTT 3892)

ARTT 4892 Time Arts Readings. (3)

Directed readings in time arts studies, including photography, video and electronic imaging. Emphasis to be placed on the multifaceted nature of time arts media as they are used in the arts and humanities, and on the identification of the major concepts and persons affecting the artistic and critical development of those media. *(On demand)*

(currently ARTT 3995)

ARTT 4991. Time Arts Projects 1. (3)

Prerequisite: [ARTA 3202](#), 12 hours of photographic requirements and consent of instructor. Photographic, [video](#) and [photo-electronic](#) media studio focused on producing a body of work related to an artistic problem or theme chosen and explored as visual research by the student. [Six contact hours](#). *(Fall, Spring)*

(currently ARTT 3996)

ARTT 4992. Time Arts Projects 2. (3)

Prerequisite: [ARTT 4991](#); Co-requisite: [ARTA 4601](#). Continuation of [ARTT 4991](#) and completion of a body of original art work. [Six contact hours](#). *(Fall, Spring)*

(currently ARTM 3105)

ARTT 3105. Video Art 1. (3)

Prerequisite: [ARTM 2105](#). Video as an art form, including basic techniques of video production and editing, image processing techniques, integration between video and the computer, aesthetic and performance strategies for working in a time-based medium, and survey of the history of video art. [Six contact hours](#). *(Spring)*

(currently ARTM 3205)

ARTT 3205. Applied Electronic Media. (3)

Prerequisites: [ARTM 2105 and ARTA 3201 or 3202](#) or consent of the instructor. Advanced work in video art, interactive design, and electronic installation art. Course requires significant knowledge of electronic and digital production methods, including video production and multimedia authoring. [Six contact hours.](#) *(Fall)*

PRINTMAKING & DRAWING COURSE REVISIONS

(currently ARTR 2161)

ARTR 2161. Lithography & Etching 1. (3)

Prerequisites: ARTB 1201 and 1203 or consent of instructor. [Beginning printmaking studio.](#) [Introduction to lithographic techniques of drawing and hand printing from stones and digital plates.](#) [Introduction to intaglio techniques of etching, aquatint and drypoint.](#) [Emphasis on personal imagery along with the expressive potential of the media.](#) Particularly suited to developing drawing skills. [Six contact hours.](#) *(Fall)*

(currently ARTR 2162)

ARTR 2162. Silkscreen & Woodcut 1. (3)

Prerequisites: ARTB 1201 and 1203 or consent of instructor. [Beginning printmaking studio.](#) [Introduction to silkscreen techniques of photoemulsion, digital stencils, cut stencils, and screen filler stencils.](#) [Introduction to relief techniques of woodcut, linocut, and inkless embossing.](#) [Emphasis on personal imagery along with the expressive potential of the media.](#) [Six contact hours.](#) *(Spring)*

DELETE ARTR 2163. Silkscreen I.

(currently ARTR 3168)

ARTR 3162. Color Layers in Printmaking & Drawing. (3)

Prerequisite: Either ARTR 2161, ARTR 2162, or ARTR 3161 or consent of instructor. Intermediate studio with a focus on greater exploration of color and color layering in printmaking and drawing. Further exploration of experimental and expressive image-making techniques and concepts in any or combined media of printmaking and/or drawing. Six contact hours. *(Fall, Spring)*

(currently ARTR 3169)

ARTR 3263. Advanced Printmaking & Drawing. (3)

Prerequisites: ARTA 3202, ARTR 3161, and ARTR 3162 or consent of instructor. Advanced studio with an emphasis on personal artistic themes. Continued exploration and development of expressive image-making concepts and techniques in any or combined media of printmaking and/or drawing. Six contact hours. *(Fall, Spring)*

(currently ARTR 4261)

ARTR 4961. Printmaking & Drawing Projects 1. (3)

Prerequisite: ARTR 3263 or consent of instructor. Studio exploring individual direction(s) in any or combined media of printmaking and/or drawing and preparation for Senior Exhibition. Six contact hours. *(Fall, Spring)*

(currently ARTR 4262)

ARTR 4962. Printmaking & Drawing Projects 2. (3)

Prerequisites: ARTR 4961 or consent of instructor. Studio exploring individual direction (s) in any or combined media of printmaking and/or drawing and preparation for Senior Exhibition. Six contact hours. *(Fall, Spring)*

(currently ARTD 2137)

ARTD 3134. Figure & Anatomy. (3)

Prerequisite: ARTB 1205 or consent of instructor. Emphasizes the study of anatomy as it pertains to drawing.

Complex drawing problems in a variety of media. Six contact hours. *(Fall, Spring)*

FIBERS COURSE REVISIONS

(currently ARTF 2151)

ARTF 2151. Fibers 1. (3)

Introduction to the field of fibers, with exploration in constructed fibers, garment forms, and surface design, including weaving, dyeing, printing, and three-dimensional construction techniques. Six **contact** hours. *(Fall, Spring)*

(currently ARTF 2251)

ARTF 3352. Fibers 2: Surface Design. (3)

Prerequisites: ARTF 2151 and ARTB 1202 or consent of instructor. **Exploration of surface design techniques**

including batik, silkscreen, block printing and other dyeing processes combined with embellishment techniques such

as embroidery and beadwork. Six **contact** hours. *(Spring) (Alternate years)*

(currently ARTF 3151)

ARTF 3353. Fibers 3: Loom Weaving. (3)

Prerequisites: ARTF 2151 and ARTB 1202 or consent of instructor. **Exploration of four-harness loom weaving**

including plain, twill, overshot, lace and double weaves. Six contact hours. *(Fall) (Alternate years)*

(currently ARTF 3152)

ARTF 3354. Fibers 4: Non-Loom Constructions. (3)

Prerequisites: ARTF 2151, ARTA 3203 and ARTB 1202 or consent of instructor. Continuation of development of skills and concepts in fiber, focusing on non-loom constructions such as coiling, twining, netting and garment forms.

Six contact hours. *(Spring) (Alternate years)*

(currently ARTF 3252)

ARTF 4951. Fibers Projects 1. (3)

Prerequisite: 15 credits of fibers courses including ARTA 3203 or consent of instructor. Advanced level fiber techniques and concepts with emphasis on personal expression and development of individual fiber portfolio.

Six contact hours. *(Fall, Spring)*

(currently ARTF 3253)

ARTF 4952. Fibers Projects 2. (3)

Prerequisites: ARTF 4951; Co-requisite: ARTA 4601 or consent of instructor. Emphasis on portfolio development, professional practices specific to the fiber field and preparation for Senior Exhibition. Six contact hours. *(Fall, Spring)*

OTHER COURSE REVISIONS

(currently ARTA 2201)

ARTA 3201. Graphic Design & Illustration BFA Portfolio Review. (1)

Prerequisites: ARTA 1211, ARTA 1212, ARTB 1201, ARTB 1202, ARTB 1203, ARTB 1205, ARTB 1206, and at least three

hours completed in proposed concentration. [Students seeking BFA candidacy in Graphic Design and Illustration must](#)

[submit a portfolio of written and creative work for admission to the program. Six seminar style classes provide guidance](#)

[with written statements, documentation of artwork and presentation format. Guest speakers present information related](#)

[to the portfolio packet, eventual career paths and exhibition issues. Portfolio is due during the seventh week of the](#)

[semester. \(Pass/No Credit\) \(Fall, Spring\)](#)

(currently ARTA 2202)

ARTA 3202. 2D BFA Portfolio Review. (1)

Prerequisites: ARTA 1211, ARTA 1212, ARTB 1201, ARTB 1202, ARTB 1203, ARTB 1205, ARTB 1206, and at least

three hours completed in proposed concentration. [Students seeking BFA candidacy in Painting, Printmaking &](#)

[Drawing or Time Arts must submit a portfolio of written and creative work for admission to the program. Six seminar](#)

[style classes provide guidance with written statements, documentation of artwork and presentation format. Guest](#)

[speakers present information related to the portfolio packet, eventual career paths and exhibition issues. Portfolio is](#)

[due during the seventh week of the semester. \(Pass/No Credit\) \(Fall, Spring\)](#)

(currently ARTA 2203)

ARTA 3203. 3D BFA Portfolio Review. (1)

Prerequisites: ARTA 1211, ARTA 1212, ARTB 1201, ARTB 1202, ARTB 1203, ARTB 1205, ARTB 1206, and at least

three hours completed in proposed concentration. [Students seeking BFA candidacy in Ceramics, Fibers or Sculpture](#)

[must submit a portfolio of written and creative work for admission to the program. Six seminar style classes provide](#)

[guidance with written statements, documentation of artwork and presentation format. Guest speakers present](#)

[information related to the portfolio packet, eventual career paths and exhibition issues. Portfolio is due during the](#)

[seventh week of the semester. *\(Pass/No Credit\) \(Fall, Spring\)*](#)

(currently ARTA 3600)

ARTA 4600. Senior Seminar. (3) (W, A, O)

Prerequisite: Art majors with senior status. Seminar and intensive writing experience explores a variety of general

issues in contemporary art with an emphasis on career questions faced by graduating seniors. *(Fall, Spring)*

cc: Dr. Rick Lejk

Mr. Roy Strassberg

Mr. Winston Tite

Ms. Stephanie Hodgin

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: April 29, 2004

RE: Request to establish a Major in Mathematics with a Concentration in Statistics

The request to establish a Major in Mathematics with a Concentration in Statistics was approved by the chair of the Undergraduate Course and Curriculum Committee on April 19, 2004 for immediate implementation.

New catalog copy

Concentration in Statistics

A Bachelor of Arts degree in Mathematics with a Concentration in Statistics consists of a minimum of 34 hours of mathematics and statistics courses including MATH 1241, 1242, 2241, 2242, 2164, 3688,

3689, STAT 2122, STAT 2223 and STAT 3110. Upper level courses must include three courses from STAT 3140, 3150, 3160, and 4116. Optionally, STAT 2122/STAT 2223 may be replaced by STAT 3122/STAT 3123 or by STAT 3128/STAT 3123.

A Bachelor of Science degree in Mathematics with a Concentration in Statistics consists of a minimum of 40 hours of mathematics and statistics courses including MATH 1241, 1242, 2241, 2242, 2164, 3688, 3689; STAT 2122 and STAT 3110. Upper level courses must include MATH 3141, STAT 3122, 3123, and any three courses from STAT 3140, 3150, 3160, and 4116.

Both programs require ITCS 1214 (formerly CSCI 1214) and at least 18 hours of approved related courses in an area outside the Mathematics Department.

It is strongly recommended that students in the Statistics Concentration Program take ITCS 3160, Data Design and Implementation.

STAT 2223. Elements of Statistics II. (3)

Prerequisite: Either STAT 1220, STAT 1221, STAT 1222, STAT 2122 or consent of the Department.

Topics include contingency analysis, design of experiments, more on simple linear regression, and multiple regression. Computers will be used to solve some of the problems. *(Fall)*

STAT 3110. Applied Regression. (3) (W)

Prerequisite: STAT 2122 or consent of the Department. Ordinary regression models, logistic regression models, Poisson regression models. *(Spring)*

STAT 3140. Design of Experiments. (3)

Prerequisite: STAT 2122 or consent of the Department. Randomization and blocking with paired comparisons, Significance tests and confidence intervals, experiments to compare k treatment means, randomized blocks and two-way factorial designs, designs with more than one blocking variable, empirical modeling, factorial designs at two levels. *(Fall) (Alternate years)*

STAT 3150. Time Series Analysis. (3)

Prerequisites: STAT 2223 or consent of the Department. Stationary time series models, ARMA processes, modeling and forecasting with ARMA processes, ARIMA models for nonstationary time series models, spectral densities. *(Spring) (Alternate years)*

STAT 3160. Applied Multivariate Analysis. (3)

Prerequisite: STAT 2223 or consent of the Department. Introduction to the fundamental ideas in multivariate analysis using case studies. Descriptive, exploratory, and graphical techniques; introduction to cluster analysis, principal components, factor analysis, discriminant analysis, Hotelling T^2 and other methods. *(Fall)*

STAT 4116/5116. Statistical Computing. (3)

Prerequisites: STAT 3123 or consent of the Department. Introduction to a variety of computational techniques using various statistics software packages (S-Plus/R or SAS) and symbolic manipulation software packages. Topics include random number generation, density estimation, and re-sampling techniques (bootstrap, jackknife) and Gibbs sample. *(Spring)*

cc: Dr. Rick Lejk
Dr. Alan Dow

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: April 29, 2004

RE: Request to change the title of MUSC 1112 from Symphonic Band
to Symphonic Wind Ensemble.

The request to change the title of MUSC 1112 from Symphonic Band to Symphonic Wind Ensemble was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 13, 2004 for immediate implementation.

New catalog copy

MUSC 1112. Symphonic Wind Ensemble (1).

A performing ensemble. May be repeated for credit. Audition is required. Four contact hours. *(Fall, Spring)*

cc: Dr. Rick Lejk
Dr. Royce Lumpkin

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: April 29, 2004

RE: Request to change course number of RELS 3800 to RELS 4800

The request to change course number of RELS 3800 to RELS 4800 was approved by the chair of the Undergraduate Course and Curriculum Committee on April 13, 2004 for immediate implementation.

New catalog copy

RELS 4800. Independent Studies. (1-3)

Prerequisite: consent of the instructor. May be repeated for credit. *(Fall, Spring)*

cc: Dr. Rick Lejk
Dr. Ed St. Clair

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: April 28, 2004

RE: Request to remove the "W" designation from JAPN 3209: Japanese Civilization and Culture.

The request to remove the "W" designation from JAPN 3209: Japanese Civilization and Culture was approved by the Associate Dean for General Education (Dr. Mark West) and the Senior Associate Provost (Dr. Wayne Walcott) on April 8, 2004. It is approved for immediate implementation.

cc: Dr. Richard Lejk

Dr. Mark West

Dr. Michele Bissier

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: March 25, 2004

RE: Request to make revisions to the degree requirements for the Minor in Earth Sciences

The request to make revisions to the degree requirements for the Minor in Earth Sciences was approved by the chair of the Undergraduate Course and Curriculum Committee on February 16, 2004 for immediate implementation.

New catalog copy

A minor in Earth Sciences consists of 20 hours of Earth Science (ESCI) courses. Requirements include: ESCI 1101 and ESCI 1101L (Earth-Science Geography) and GEOL 1200 and 1200L (Physical Geology), and 12 additional hours in Earth Sciences and Geology classes. The minor can be tailored to support a number of majors, such as education, engineering, biology, chemistry, or physics.

<u>Required Courses</u>	<u>Semester Hours</u>
ESCI 1101 Earth Science-Geography	3
ESCI 1101L Earth Science-Geography Lab	1
GEOL 1200 Physical Geology	3
GEOL 1200L Physical Geology Lab	1
Total	8

<u>Recommended Elective Courses</u>	<u>Semester Hours</u>
GEOL 1210 Earth History	3
GEOL 1210L Earth History Lab	1
GEOL 3190 Environmental Geology	3
GEOL 4105 Geomorphology	3
GEOL 4105L Geomorphology Lab	1
ESCI 3105 Oceanography	3
ESCI 3140 Introduction to Meteorology and Climatology	3
ESCI 3170 Environmental Quality Management	3
ESCI 3240 Boundary Layer Meteorology	4
ESCI 3251 Synoptic Meteorology	4
ESCI 4140 Hydrologic Processes	4

ESCI	4155	Fluvial Processes	4
ESCI	4210	Soil Science	4
		Total	12

cc: Dr. Rick Lejk
Dr. Gerald Ingalls

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: March 25, 2004

RE: Request to establish ESCI 3260 (Physical Meteorology), ESCI 4250 (Advanced Dynamic Meteorology), ESCI 4251 (Advanced Synoptic Meteorology)

The request to make establish ESCI 3260 (Physical Meteorology), ESCI 4250 (Advanced Dynamic Meteorology), ESCI 4251 (Advanced Synoptic Meteorology) was approved by the chair of the Undergraduate Course and Curriculum Committee on March 25, 2004 for immediate implementation.

New catalog copy

ESCI 3260. Physical Meteorology. (3)

Prerequisite: ESCI 3150. Properties of aerosols and clouds, cloud nucleation and precipitation processes, and atmospheric electricity. Introduction to radar meteorology. Three hours of lecture per week. *(Spring)*

ESCI 4250. Advanced Dynamic Meteorology. (3)

Prerequisites: ESCI 3250, ESCI 3251. An extension of ESCI 3250 to provide an in-depth examination of atmospheric dynamics, focusing on the structure and evolution of synoptic scale dynamical and convective weather systems, and atmospheric modeling. Three hours of lecture per week. *(Fall, on demand)*

ESCI 4251. Advanced Synoptic Meteorology. (3)

Prerequisites: ESCI 3250, ESCI 3251. an extension of ESCI 3251 sufficient to develop an integrated view of dynamic and synoptic meteorology. Included are a survey of conceptual models and analysis techniques for mesoscale atmospheric features, cumulus convection, and tropical storms. Three hours of lecture per week. *(Spring, on demand)*

cc: Dr. Rick Lejk
Dr. Gerald Ingalls

Dr. Brian Etherton

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: March 25, 2004

RE: Request to make revisions to the degree requirements for a B.S. in Earth Science

The request to make revisions to the degree requirements for a B.S. in Earth Sciences was approved by the chair of the Undergraduate Course and Curriculum Committee on February 16, 2004 for immediate implementation.

New catalog copy

A major in Earth Sciences leading to a B.S. degree consists of a minimum of 30 hours of required Earth Science (ESCI) and Geology (GEOL) courses, 15 hours of elective courses and 21 hours of required extra departmental courses. Students considering a career as a licensed professional soil scientist should complete the Bachelor of Science degree with 15 hours of soil science course work as well as meet the work experience and examination requirements of the NC licensure board..

<u>Required Courses</u>			<u>Semester Hours</u>
ESCI	1101	Earth Science-Geography	3
ESCI	1101L	Earth Science-Geography Lab	1
GEOL	1200	Physical Geology	3
GEOL	1200L	Physical Geology Lab	1
GEOL	3115	Mineralogy	4
ESCI	3140	Introduction to Meteorology and Climatology	3
GEOL	3190	Environmental Geology	3
ESCI	4210**	Soil Science	4
GEOL	4105	Geomorphology	3
ESCI	4140	Hydrologic Processes	4
ESCI	4600	Earth Sciences Seminar	1
Subtotal			30

ELECTIVE COURSES

Students can choose a minimum of 15 hours of earth sciences, geology and pre-approved geography courses numbered 3000 or above.

HYDROLOGY

ESCI	3105	Oceanography	3
GEOL	4145	Fundamentals of Hydrogeology	4
ESCI	4155	Fluvial Processes	4
GEOL	4165	Aqueous Geochemistry	4
ESCI	4222	Watershed Science	3

SURFICIAL MATERIALS

GEOL	3124	Sedimentology	4
GEOL	4105L	Geomorphology Laboratory	1
GEOL	4115	Applied Geophysics	4
GEOL	4120	Geochemistry	3
ESCI	4233	Geoenvironmental Site Characterization	4
GEOL	4410	Applied Soil Science	3

ATMOSPHERIC SCIENCES

ESCI	3240	Boundary-Layer Meteorology	4
ESCI	3250	Dynamic Meteorology	4
ESCI	3251	Synoptic Meteorology	4
ESCI	4150	Applied Climatology	3
ESCI	3252	Advanced Synoptic Laboratory	3
ESCI	3260	Physical Meteorology	3

ENVIRONMENTAL INFORMATION SYSTEMS

ESCI	2101	Environmental Dilemma	3
GEOG	3215	Environmental Planning	3
ESCI	3170	Environmental Quality Management	3
GEOG	4120	Introduction to GIS	4
GEOG	4130	Advanced Geographic Information Systems	4
ESCI	4170	Fundamentals of Remote Sensing	4
ESCI	4180	Digital Image Processing in Remote Sensing	4
Subtotal			15

REQUIRED EXTRA DEPARTMENTAL COURSES

CHEM	1251	Principles of Chemistry	3
CHEM	1251L	Principles of Chemistry Laboratory	1
PHYS	1101	Introductory Physics I	3
PHYS	1101L	Introductory Physics I Laboratory	1
SHEM	1252^	Principles of Chemistry	3
CHEM	1252L^	Principles of Chemistry Laboratory	1
PHYS	1102^	Introductory Physics II	3
PHYS	1102L	Introductory Physics II Laboratory	1
MATH	1241	Calculus I	3
MATH	1242	Calculus II	3
STAT	2122	Elements of Statistics I	3
Subtotal			21

^ Select either CHEM 1252 or PHYS 1102

** Classes approved for NC Soil Scientist licensure

TOTAL **66**

cc: Dr. Rick Lejk
Dr. Gerald Ingalls

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: March 25, 2004

RE: Request to make revisions to the degree requirements for a B.A. in Earth Sciences

The request to make revisions to the degree requirements for a B.A. in Earth Sciences was approved by the chair of the Undergraduate Course and Curriculum Committee on February 16, 2004 for immediate implementation.

New catalog copy

A major in Earth Sciences leading to a B.A. degree consists of a minimum of 40 hours of required Earth Science (ESCI) and Geology (GEOL) courses and 10 hours of elective courses.

<u>Required Courses</u>			<u>Semester</u>
			<u>Hours</u>
ESCI	1101	Earth Science-Geography	3
ESCI	1101L	Earth Science-Geography Lab	1
GEOL	1200	Physical Geology	3
GEOL	1200L	Physical Geology Lab	1
GEOL	1210	Earth History	3
GEOL	1210L	Earth History Lab	1
ESCI	2101	The Environmental Dilemma	3
GEOL	3190	Environmental Geology	3
ESCI	4210	Soil Science	4
ESCI	3140	Introduction to Meteorology and Climatology	3
ESCI	4140	Hydrologic Processes	4
GEOL	4105	Geomorphology	3
GEOL	3115	Mineralogy	4
ESCI	3105	Oceanography	3
ESCI	4600	Earth Sciences Seminar	1

Elective courses

Ten hours of elective coursework may be selected from additional ESCI and GEOL courses, GEOG 2120, 3200, 3215 or 4120, CHEM 1251, 1252, and associated labs, PHYS 1101, 1102 or PHYS 2101 and 2102 and associated labs, MATH 1241, 1242, and STAT 2122.

cc: Dr. Rick Lejk
Dr. Gerald Ingalls

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: March 19, 2004

RE: Request to establish RELS 7999 Master's Degree Residence

The request to change establish RELS 7999 Master's Degree Residence was approved by the chair of the Graduate Council on March 8, 2004 for immediate implementation.

New catalog copy

(Note: This is a technical course and does not require a course description.)

RELS 7999. Master's Degree Residence. (1)

cc: Dr. Gerald Ingalls
Dr. Ed St. Clair

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

REVISED MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: March 9, 2004

RE: Request to create a 1 hour class (HONR 1100) which would be the "honors" version of ARSC 1000.

The request to create a 1 hour class HONR 1100 which would be the "honors" version of ARSC 1000 was approved by the chair of the Undergraduate Course and Curriculum Committee on March 2, 2004 for immediate implementation. The HONR would carry only 1 hour of credit and **IS NOT INTENDED TO REPLACE ARSC 1000.**

New catalog copy

HONR 1100. Freshman Honors Seminar. (1).

Prerequisite: Freshman standing in the University Honors Program. A course designed to

introduce university honors students to scholarship, service, and leadership opportunities in the honors program, the university, and larger community. Class activities will include guest speakers, projects, and workshops. Students will create a final portfolio. *(Fall)*

cc: Dr. Rick Lejk
Dr. Al Maisto

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: March 15, 2004

RE: Request to establish COMM 5147: International Public Relations.

The request to establish COMM 5147: International Public Relations was approved by the Graduate Council on February 6, 2004 and the Faculty Council on the February 25, 2004 Consent Calendar for immediate implementation.

New catalog copy

COMM 5147. International Public Relations (3).

Course examines the complexities of public relations practice in an international setting.

Includes overview of the factors that complicate communication across cultures and borders and an examination of the effect those factors have on public relations practice in specific global regions. *(Yearly)*

cc: Dr. Rick Lejk
Dr. Richard Leeman

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: March 9, 2004

RE: Request to make corrections and emendations to the Public Relations track
of the Communication Studies major, catalog copy.

The request to make corrections and emendations to the Public Relations track of the Communication Studies major, catalog copy was approved by the chair of the Undergraduate Course and Curriculum Committee on March 2, 2004 for immediate implementation.

New catalog copy (Deletions indicated with strikethrough, Additions indicated with underlining)

-

Public Relations (~~12~~ 21 hours)

The Public Relations concentration is designed to provide students with a general background in public relations. Students examine both the theory and practice of public relations.

Students choosing this concentration complete the following courses:

JOUR 2160	Introduction to Journalism (3)
COMM 2145	Principles of Public Relations (3)
COMM 3245	Public Relations Writing (3)
COMM 4145	Communication Campaigns (3)
COMM 4410	Professional Internship (3)

Students select six hours from the following:

<u>ANTH 4120</u>	<u>Intercultural Communication (3)</u>
COMM 2102	Advanced Public Speaking (3)
COMM 3050	Topics in Communication Studies (3)*
COMM 3141	Organizational Communication (3)
COMM 3880	Independent Study (3)*
COMM 4101	Media and the Law (3)
COMM 4141	Advanced Organization Communication (3)
<u>COMM 4147</u>	<u>International Public Relations (3)</u>

COMM 4410 Professional Internship (3)*
ENGL 2116 Technical Communication (3)
JOUR 3160 News Writing (3)
JOUR 3161 News Editing (3)
JOUR 3162 Feature Writing (3)

** with approval of advisor*

cc: Dr. Rick Lejk
Dr. Richard Leeman

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: March 9, 2004

RE: Request to establish a Pre-Communication designation (PCOM) that would be available for all students who have not met the requirements for declaring the major in Communication Studies.

The request to establish a Pre-Communication designation (PCOM) that would be available for all students who have not met the requirements for declaring the major in Communication Studies was approved by the chair of the Undergraduate Course and Curriculum Committee on March 2, 2004 for immediate implementation.

New catalog copy

Pre-Communication Studies. Students who apply for the Communication Studies major are initially classified as Pre-Communication Studies majors until they meet the following requirements: cumulative GPA of 2.0 or higher, and successful (grade of C or better) completion of COMM 1101 and COMM 2100.

cc: Dr. Rick Lejk
Dr. Richard Leeman

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: March 9, 2004

RE: Request to change requirements for B.A. in Religious Studies

The request to change requirements for B.A. in Religious Studies
was approved by the chair of the Undergraduate Course and Curriculum

Committee on March 2, 2004 for immediate implementation.

New catalog copy

BACHELOR OF ARTS

A major in religious studies requires 30 semester hours in religious studies courses as

follows:

- I. Foundational Courses (9 hours).** Three required courses: RELS 2101 Introduction to Western Religions, RELS 2102 Introduction to Asian Religions, and RELS 2600 Approaches to the Study of Religion.

- II. Upper-level courses in two different religious traditions (6 hours).** One course in a Western tradition selected from: RELS 3110 Judaism, RELS 3120 Christianity, or RELS 3131 Islam. One course in an Asian tradition selected from: RELS 3154 Hinduism, RELS 3157 Buddhism, RELS 3166 Daoism, or RELS 3160 Zen Buddhism.

- III. Religion and modern culture (6 hours).** Two courses selected from the following: RELS 3050, 3137, 3209, 3212, 3242, 4010, 4050, 4101, 4201. The specific topics for RELS 3050 and 4050 are announced each semester.

- IV. Two religious studies electives (6 hours).** Any two additional courses in religious studies.

- V. Senior seminar (3 hours).** In their senior year, all religious studies majors must complete RELS 4600. this seminar includes completion of a senior essay and an oral presentation to students and faculty.

Add the following new course descriptions:

RELS 3050. Topics in Religion and Modern Culture. (3)

Treatment of a special topic in religion and modern culture. May be repeated for credit as topics vary. *(Yearly)*

RELS 4050. Topics in Religion and Modern Culture. (3)

Treatment of a special topic in religion and modern culture. May be repeated for credit as topics vary. *(Yearly)*

cc: Dr. Rick Lejk
Dr. Ed St. Clair

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Wayne Walcott
Senior Associate Provost

DATE: February 5, 2004

RE: Authorization to Establish a Bachelor of Arts degree in Latin American Studies

Authorization to establish a **Bachelor of Arts degree in Latin American Studies** was given by the UNC Board of Governors on January 9, 2004. Attached are the official notification of authorization to establish and the catalog copy for the program.

Attachments (1)

cc: Dr. Tom Reynolds

Ms. Kathi Baucom

Dr. Sue Bishop

Mr. Richard Yount

Dr. Mary Lynne Calhoun

Mr. Craig Fulton

Dr. Mirsad Hadzikadic

Ms. Wanda Fisher

Dr. Robert Johnson

Ms. Betty Johnson

Mr. Ken Lambla

Ms. Peggy Gordon

Dr. Claude Lilly

Ms. Deborah Clayton

Dr. Kent Curran

Advising Team

Dr. Farid Tranjan

Bachelor of Arts in Latin American Studies

Admission

1. Admission requirements: Students declaring a Latin American Studies major must meet all requirements for undergraduate admission to the university. Students matriculated at UNC Charlotte and planning to change to or declare Latin American Studies as their major must have an overall GPA of at least 2.0. Transfer students from other institutions must meet all general requirements for admission to the University. Matriculated and transfer students who do not meet requirements for admission to the program because of special circumstances may petition the Coordinator for acceptance into the program.

2. Documents required for admission: Students applying for admission to the University and acceptance into the Latin American Studies program must submit all documents specified in the current UNC Charlotte Catalog. Matriculated students requesting acceptance into the Latin American Studies program must complete the University Declaration of Major form. Students seeking to apply course work taken at other institutions to the Latin American Studies major must provide a copy of the official course description for each course requested for consideration.

Degree Requirements

1. Total hours required. The proposed program leading to the Bachelor of Arts degree in Latin American Studies is a 120 semester-hour program, including completion of all General Education requirements and 30 semester hours in courses approved for Latin American Studies credit.

2. Proportion of courses open only to graduate students. Not applicable.

3. Grades required. To graduate, students majoring in Latin American Studies must have an overall GPA of at least 2.0, including a GPA of at least 2.0 in the major.

4. Amount of credit accepted for transfer. Up to 64 semester hours may be accepted from a two-year institution. There is no limit on the number of hours that may be accepted from four-year institutions. All students must complete their last 30 semester hours in residence at UNC Charlotte, including the last twelve hours of the major.

5. Other requirements. Students are required to complete a study or work experience in Latin American Studies. This may be fulfilled through participation in a formal study abroad program, through foreign-based work, service or internship activities; through an internship in the United States involving work with Latino populations; or through completing 6 credit hours in a second foreign language current in Latin America such as Spanish, Portuguese, French, or 3 hours in an indigenous language such as Yucatec Maya, Náhuatl, or Quechua. Academic credits earned may be applied to the requirements of the major. At the discretion of the Program Coordinator, prior international experience may be considered.

6. Language and/or research tool requirements. Students are expected to demonstrate competency in Spanish by completion of two courses at the 3000 level or above, or a combination of Portuguese through the 2000 level and reading knowledge in Spanish equivalent to the completion of SPAN 2050

7. Time Limit for Completion of Major. Not applicable.

CURRICULUM

1. Major:

1.1. Introductory Course (3 hours)

LTAM 1100: Introduction to Latin America (3)

1.2. A minimum of two courses from each of the following three perspectives (total of 24 hours):

1.2.1. Economy and Society (6-9 hours)

LTAM 2116 (crosslisted with ANTH 2116) Contemporary Latin America (3)

LTAM 3129 (crosslisted with SPAN 3029) Cultural Dimension of Doing Business with Spanish-Speaking Countries (3)

LTAM 3144 (crosslisted with POLS 3144) Latin American Politics (3)

LTAM 3154 (crosslisted with POLS **3155**) Political Economy of Latin America (3)

LTAM 3164 (crosslisted with POLS 3164) US-Latin American Relations (3)

LTAM 3190 (crosslisted with AAAS 3190) Political Economy of the Caribbean (3)

LTAM 4116 (crosslisted with ANTH 4116) Culture and Conflict in the Amazon (3)

LTAM 4120 (crosslisted with SPAN 4120) Advanced Business Spanish I (3)

LTAM 4121 (crosslisted with SPAN 4121) Advanced Business Spanish II (3)

1.2.2. Historical Context (6-9 hours) To include at least one class each on pre-1800 and post-1800 periods.

Pre-1800:

LTAM 2206 (crosslisted with HIST 2206) Colonial Latin America (3)

LTAM 2252 (crosslisted with ANTH 2152) New World Archaeology (3)

LTAM 3274 (crosslisted with HIST 3174) Resistance and Adaptation in Colonial Latin America
(3)

LTAM 3275 (crosslisted with HIST 3175) Reform, Riots and Rebellions in Colonial Spanish
America (3)

Post-1800:

LTAM 2207 (crosslisted with HIST 2207) Modern Latin America (3)

LTAM 3260 (crosslisted with HIST 3160) The United States and Latin America (3)

LTAM 3276 (crosslisted with HIST 3176) History of Mexico (3)

LTAM 3277 (crosslisted with HIST 3177) The Cuban Revolution (3)

LTAM 3278 (crosslisted with HIST 3178) History of Brazil (3)

LTAM 3279 (crosslisted with HIST 3179) Authoritarianism in Latin America (3)

1.2.3. Literature and the Arts (6-9 hours)

LTAM 3309 (crosslisted with SPAN 3009) Masterpieces of Hispanic Literature in English
Translation (3)

LTAM 3310 (crosslisted with SPAN 3210) Spanish American Civilization and Culture (3)

LTAM 3312 (crosslisted with SPAN 3212) Introduction to Spanish American Literature (3)

LTAM 3313 (crosslisted with ARTA 3112) Pre-Columbian Art (3)

LTAM 3319 (crosslisted with SPAN 3019) Hispanic Women Writers in English Translation (3)

LTAM 3360 (crosslisted with SPAN 3160) Studies in Hispanic Film (3)

LTAM 4302 (crosslisted with AAAS 4102) Caribbean Literature in English (3)

LTAM 4310 (crosslisted with SPAN 4210) Studies in Spanish American Poetry (3)

LTAM 4311 (crosslisted with SPAN 4211) Studies in Spanish American Prose Fiction (3)

LTAM 4312 (crosslisted with SPAN 4212) Studies in Spanish American Theater (3)

LTAM 4350 (crosslisted with SPAN 4050) Topics in Latin American Literature (3)

Additional stipulations:

- 1) Among the 24 hours required, no more than nine (9) hours may be taken from the faculty members of any one department. The Program will post a list of courses sorted by the offering department on its website each semester.

- 2) Students may take LTAM 2000: Topics in Latin American Studies; and LTAM 3000: Advanced Topics in Latin American Studies to help fulfill these requirements. As the topics of these courses vary, students may repeat them for credit.

- 3) The Latin American Studies Steering and Curriculum Committee will determine which perspective(s) a given section of LTAM 2000 or LTAM 3000 fulfills. Each semester, a list of Latin American Studies elective courses sorted by the above perspectives will be posted on the program website.

1.3. Senior Seminar (3 hours)

LTAM 4600: Seminar in Latin American Studies (3)

1.4. Foreign Language:

Students are expected to demonstrate competency in Spanish by completion of two courses at the 3000 level or above; or a combination of Portuguese through the 2000 level and reading knowledge in Spanish equivalent to the completion of SPAN 2050.

1.5. Experiential Learning:

Students are required to complete a study or work experience in Latin American Studies. This may be fulfilled through participation in any one of the following:

1.5.1. A formal study-abroad program of at least 45 contact hours equaling three hours of academic credit.

1.5.2. At least 135 hours of work, service or internship activities in Latin America or with Latino populations in the United States. 3 hours of academic credit for this option are available by enrolling in LTAM 3400: Internship in Latin American Studies.

1.5.3. Course work in another Latin American language in addition to the language requirement under 1.4. This option may be fulfilled by completing 6 credit hours in Spanish, Portuguese, or French. Students may also elect to complete 3 hours of an indigenous language such as Yucatec Maya, Náhuatl, or Quechua. As the latter languages are currently not taught at UNC Charlotte, interested students would need to enroll in an off-campus program.

Academic credits earned in the course of fulfilling this requirement may be applied to the requirements of the major.

At the discretion of the Program Coordinator, prior life, study, or work experience may be considered in exempting a student from this requirement.

1.6. Language Intensive Option

An optional credential will be awarded for completing one of the following in addition the degree requirements above:

- a) Spanish (or, if available, Portuguese) minor;
- b) Certificate in Translating or Certificate in Business Spanish; OR
- c) 2nd major Latin American language (Spanish or Portuguese) through Intermediate level

1.7. Honors in Latin American Studies

This optional credential may be awarded to students with a minimum overall GPA of 3.00 and a GPA of at least 3.25 in Latin American Studies courses. To receive honors in Latin American Studies, a student must be approved by the Latin American Studies Honors Committee. Students who plan to graduate with “Honors in Latin American Studies” must apply for, and be approved for “Honors Candidacy” during the semester prior to the semester they plan to graduate. They must register for three hours of LTAM 4700: Honors in Latin American Studies during their senior year and present an honors thesis based on in-depth research in primary sources to a committee composed of three members of the Latin American Studies faculty. One of these faculty members will serve as the student’s primary honors thesis adviser. Following an oral defense of the thesis, the committee shall award a grade. A thesis awarded an “A” is acceptable for curricular honors.

Students may also obtain honors through the University honors program (details available at www.honors.uncc.edu).

2. Minor:

2.1. Introductory Course (3 hours)

LTAM 1100: Introduction to Latin America (3)

2.2. A minimum of one course from each of the following perspectives (15 hours, or 12 hours + LTAM 4600)

2.2.1. Economy and Society (3-6 hours)

LTAM 2116 (crosslisted with ANTH 2116) Contemporary Latin America (3)

LTAM 3129 (crosslisted with SPAN 3029) Cultural Dimension of Doing Business with Spanish-Speaking Countries (3)

LTAM 3144 (crosslisted with POLS 3144) Latin American Politics (3)

LTAM 3154 (crosslisted with POLS 3155) Political Economy of Latin America (3)

LTAM 3164 (crosslisted with POLS 3164) US-Latin American Relations (3)

LTAM 3190 (crosslisted with AAAS 3190) Political Economy of the Caribbean (3)

LTAM 4116 (crosslisted with ANTH 4116) Culture and Conflict in the Amazon (3)

LTAM 4120 (crosslisted with SPAN 4120) Advanced Business Spanish I (3)

LTAM 4121 (crosslisted with SPAN 4121) Advanced Business Spanish II (3)

2.2.2. Historical Context (3-6 hours)

LTAM 2206 (crosslisted with HIST 2206) Colonial Latin America (3)

LTAM 2207 (crosslisted with HIST 2207) Modern Latin America (3)

LTAM 2252 (crosslisted with ANTH 2152) New World Archaeology (3)

LTAM 3260 (crosslisted with HIST 3160) The United States and Latin America (3)

LTAM 3274 (crosslisted with HIST 3174) Resistance and Adaptation in Colonial Latin America
(3)

LTAM 3275 (crosslisted with HIST 3175) Reform, Riots and Rebellions in Colonial Spanish
America (3)

LTAM 3276 (crosslisted with HIST 3176) History of Mexico (3)

LTAM 3277 (crosslisted with HIST 3177) The Cuban Revolution (3)

LTAM 3278 (crosslisted with HIST 3178) History of Brazil (3)

LTAM 3279 (crosslisted with HIST 3179) Authoritarianism in Latin America (3)

2.2.3. Literature and the Arts (3-6 hours)

LTAM 3309 (crosslisted with SPAN 3009) Masterpieces of Hispanic Literature in English
Translation (3)

LTAM 3310 (crosslisted with SPAN 3210) Spanish American Civilization and Culture (3)

LTAM 3312 (crosslisted with SPAN 3212) Introduction to Spanish American Literature (3)

LTAM 3313 (crosslisted with ARTA 3112) Pre-Columbian Art (3)

LTAM 3319 (crosslisted with SPAN 3019) Hispanic Women Writers in English Translation (3)

LTAM 3360 (crosslisted with SPAN 3160) Studies in Hispanic Film (3)

LTAM 4302 (crosslisted with AAAS 4102) Caribbean Literature in English (3)

LTAM 4310 (crosslisted with SPAN 4210) Studies in Spanish American Poetry (3)

LTAM 4311 (crosslisted with SPAN 4211) Studies in Spanish American Prose Fiction (3)

LTAM 4312 (crosslisted with SPAN 4212) Studies in Spanish American Theater (3)

LTAM 4350 (crosslisted with SPAN 4050) Topics in Latin American Literature (3)

Additional Stipulations:

1. Among the 15 hours required, not more than six (6) hours may be taken from the members of any one department.

2. Students may take LTAM 2000: Topics in Latin American Studies; and LTAM 3000:

Advanced Topics in Latin American Studies to help fulfill these requirements. As the topics of these courses vary, students may repeat them for credit.

3. The Latin American Studies Steering and Curriculum Committee will determine which perspective(s) a given section of LTAM 2000 or LTAM 3000 fulfills. Each semester, a list of Latin American Studies elective courses sorted by the above perspectives will be posted on the program website.

2.3. Foreign Language:

Students are expected to demonstrate competency in Portuguese or Spanish by completion of two courses at the 2000 level or above. Additional language training and/or study-abroad is strongly recommended.

List existing courses by title and number and indicate (*) those courses that are required. Include an explanation of numbering system. List and describe new courses proposed

Course Numbering System. Courses are identified by four-digit numbers. The first digit indicates the level of the course: **1000-2999:** lower division undergraduate; **3000-3999:** upper division undergraduate; **4000-4999:** upper division undergraduate and graduate; **5000-5999:** graduate and advanced undergraduate; **6000-7999:** graduate only; **8000-8999:** doctoral only. The following second digits designate special types of courses: **0** for topics; **4** for internships and practicum, **5** for cooperative education, **6** for seminars, **7** for Honors courses, **8** for independent study, and **9** for research.

Latin American Studies Courses (required courses are marked with a *). (New courses)

***LTAM 1100 Introduction to Latin America. (3) (O)** An introductory, interdisciplinary survey of the field of Latin American Studies. Course will focus on the culture, economy, geography, history, politics, and society of Latin America, as well as on the diverse ways in which scholars have studied the region. (*Fall and Spring*)

#LTAM 2000 Topics in Latin American Studies (3) Analysis of a selected topic related to Latin American Studies. The particular topic of the course may vary from semester to semester. A student may repeat the course for credit as topics vary. (*On demand*)

LTAM 2116 (crosslisted with ANTH 2116). Contemporary Latin America. (3) (W) Prerequisite: None. A survey of the people and cultures of Mexico, Central America, South America, and the Caribbean. Areas of investigation include religion, race, ethnicity, gender, kinship, social inequality, and economic development. (*Alternate years*)

LTAM 2152 (crosslisted with ANTH 2152). New World Archaeology. (3) Prehistory of North America; Paleoindians, Eastern United States, Southwest, Mexico; archeological methods and theory. (*Spring*)

LTAM 2206 (crosslisted with HIST 2206). Colonial Latin America. (3) A survey of major political, economic, and cultural developments from earliest times to 1826. (*Yearly*)

LTAM 2207 (crosslisted with HIST 2207). Modern Latin America. (3) A survey of Latin American history from 1826 to the present with emphasis on the economy and society. Special attention to twentieth-century revolutions and the role of the United States in Latin America. (*Fall and Spring*)

#LTAM 3000 Advanced Topics in Latin American Studies. (3) Analysis of a selected topic related to Latin American Studies. The particular topic of the course may vary from semester to semester. A student may repeat the course for credit as topics vary. (*On demand*)

LTAM 3129 (crosslisted with SPAN 3029). Cultural Dimension of Doing Business with Spanish-speaking Countries (3) Prerequisite: ENGL 1102 or 1103. Development of cultural awareness for conducting business with Spanish-speaking countries and U.S. Hispanic communities. Course conducted in English. (*On demand*)

LTAM 3144 (crosslisted with POLS 3144). Latin American Politics. (3) Comparative overview of political and socio-economic change in Latin America from the colonial period to the present. Primary emphasis on Latin American politics in the twentieth century, competing political ideologies, socio-economic issues, international political economy, and internal political change. (*Yearly*)

LTAM 3154 (crosslisted with POLS 3155). Political Economy of Latin America. (3) Intersections of politics and economics in Latin America, focusing on the efforts to foster economic development in the region. Emphasis on post-World War II era. Includes issues such as debt management, dependency theory, impact of free market theories, and the power of labor movements. (*Yearly*)

LTAM 3164 (crosslisted with POLS 3164). U.S.-Latin American Relations. (3) Addresses the always-complicated and often-conflictive relationship between Latin American and the United States. Particular attention to critical contemporary issues such as the drug trade, immigration, international trade, humanitarian aid and U.S. policy toward Cuba. (*Yearly*)

LTAM 3190 (crosslisted with AAAS 3190). The Political Economy of the Caribbean. (3) An examination of the manifestations of Caribbean economic problems and policies and Caribbean political development from the post-war period to the present. (*Fall*)

LTAM 3260 (crosslisted with HIST 3260). The United States and Latin America. (3) An examination of the complex relationship between the United States and Latin America in the nineteenth and twentieth centuries. Topics include U.S. territorial and economic expansion, cultural imperialism, and Latin American efforts to safeguard national sovereignty and to achieve economic development. *(Alternate years)*

LTAM 3274 (crosslisted with HIST 3174). Resistance and Adaptation: Indian Peoples Under Spanish Rule. (3) A historical survey of the interactions of indigenous peoples of the western hemisphere with Spanish colonial authorities from the conquest era to 1825. The course focuses on the indigenous peoples of Mexico, Peru, Chile, and Argentina. *(Alternate years)*

LTAM 3275 (crosslisted with HIST 3175). Reform, Riots, and Rebellions in Colonial Spanish America, 1692-1825. (3) This course examines the economic, political, and cultural origins of violent conflict in colonial Latin America, culminating with an analysis of the revolutions for independence. *(Alternate years)*

LTAM 3276 (crosslisted with HIST 3176). History of Mexico. (3) A survey of Mexican history from pre-Columbian times to the present. Special emphasis will be given to the Spanish conquest, the colonial economy, the independence period, the revolution, and relations with the United States. *(Alternate years)*

LTAM 3277 (crosslisted with HIST 3177). The Cuban Revolution. (3) An examination of the economic and political forces that led to the Cuban revolution. Significant background material from the 19th and early 20th centuries will be presented in addition to an analysis of the revolution and post-revolutionary events. *(Alternate years)*

LTAM 3278 (crosslisted with HIST 3178). History of Brazil. (3) A study of Brazilian history since 1500, with an emphasis on social and economic history. The course emphasizes slavery and race relations, the emergence of export economics, rural protest movements, the effects of urbanization and industrialization, and the rise and fall of the military dictatorship. *(Alternate years)*

LTAM 3279 (crosslisted with HIST 3179). Authoritarianism in Latin America. (3) A study of authoritarian rule and resistance thereto in one or more selected Latin American countries, including but not limited to Argentina, Brazil, and Chile. May be repeated for credit as topics vary. *(Alternate years)*

LTAM 3309 (crosslisted with SPAN 3009 if course is on Latin American topic). Masterpieces of Hispanic Literature in English Translation. (3) Prerequisites: sophomore standing and ENGL 1102. Advanced studies of Spanish or Spanish-American literature in English translation. May be repeated for credit as topics vary. Course conducted in English

LTAM 3310 (crosslisted with SPAN 3210). Spanish American Civilization and Culture. (3) Prerequisite: SPAN 2202 or permission of Department. Introduction to the cultural heritage of Spanish America. (*Alternate semesters*)

LTAM 3312 (crosslisted with SPAN 3212). Introduction to Spanish American Literature. (3) Prerequisite: SPAN 2202 or permission of the Department. Introduction to Spanish American literature from the 16th century through the contemporary period. (*Spring*)

LTAM 3313 (crosslisted with ARTA 3112). Pre-Columbian Art. (3) Survey of the arts and architecture of the Americas before European contact in the 16th century. Special emphasis on the interactions of religion, social systems, and the arts as well as identification of ethnic styles of art. Discussions of readings, lectures, slides and video tapes. Essay exams. (*Fall*) (*Alternate years*)

LTAM 3319 (crosslisted with SPAN 3019). Hispanic Women Writers in English Translation. (W) (3). Prerequisites: sophomore standing and ENGL 1102. Examination of prose and poetry by women writers from Spain and the Americas to understand women's voices and other cultures. Conducted in English. Knowledge of Spanish not required. (*On demand*)

LTAM 3360 (crosslisted with SPAN 3160 if course is on Latin American topic). Studies in Hispanic Film (3). The study of Spanish, Spanish American and/or Hispanic/Latino films. Course conducted in English. May be repeated for credit as topics vary. (*Yearly*)

LTAM 3400 Latin American Studies Internship. (1-3) Prerequisite: consent of the coordinator. Practical experience and/or training related to Latin American studies. A minimum of 45 hours per credit. (*On demand*)

LTAM 3800 Independent Study. (1-3) Supervised investigation of an issue related to Latin American Studies that is of special interest to the student and that is not covered in existing or available courses. (*On demand*)

LTAM 4116 (crosslisted with ANTH 4116) Culture and Conflict in the Amazon (3). Prerequisite: None. This course examines the development strategies Brazil has used in the Amazon and explores how these policies have affected both the environment and the various populations living in the Amazon. Topics covered include environmental degradation, human rights abuses, culture change, migration, and globalization. (*On demand*).

LTAM 4120 (crosslisted with SPAN 4120). Advanced Business Spanish I. (3) Prerequisites: SPAN 2210, 3201 and an additional 3000- or 4000 level course (3202 recommended), or permission of the Department. Advanced studies in Business Spanish, intensive practice in speaking, listening comprehension, reading, writing, and translation in functional business areas such as economics, management, and marketing. (*Fall*)

LTAM 4121 (crosslisted with SPAN 4121). Advanced Business Spanish II. (3) Prerequisites: SPAN 2210, 3201 and an additional 3000- or 4000 level course (3202 recommended), or permission of the Department. Advanced studies in Business Spanish, intensive practice in speaking, listening comprehension, reading, writing, and translation in functional business areas such as marketing, finance, and import-export. *(Spring)*

LTAM 4302 (crosslisted with AAAS 4102). Caribbean Literature in English. (3) Prerequisite: junior standing; at least one course in AAAS for AAAS majors. Topics include: loneliness, quest for identity, nationalism, protest, and the use of patois. *(On demand)*

LTAM 4310 (crosslisted with SPAN 4210). Studies in Spanish American Poetry. (3) Prerequisites: two 3000 level courses or permission of the Department. Studies of 19th- and 20th-century Spanish American poetry. *(Alternate years)*

LTAM 4311 (crosslisted with SPAN 4211). Studies in Spanish American Prose Fiction. (3) Prerequisites: two 3000 level courses or permission of the Department. Studies of 19th- and 20th-century Spanish American prose fiction. *(Alternate years)*

LTAM 4312 (crosslisted with SPAN 4212). Studies in Spanish American Theater. (3) Prerequisites: two 3000 level courses or permission of the Department. Studies of 20th-century Spanish American theater. *(On demand)*

LTAM 4350 (crosslisted with SPAN 4050). Studies in Latin American Literature. (3) Prerequisites: two 3000 level courses or permission of the Department. Study of a predetermined topic in Latin American literature. May be repeated for credit as topics vary *(On demand)*

***LTAM 4600 Seminar in Latin American Studies. (3) (W)** Prerequisite: advanced junior or senior class status. A capstone seminar involving in-depth research and analysis of a topic of common interest to Latin American Studies majors, and the elaboration of a senior writing project. *(Spring)*

LTAM 4700 Senior Honors Thesis. (3-6) Prerequisite: senior standing, an overall minimum GPA of 3.25, and permission of the Coordinator of Latin American Studies. The preparation and presentation of an acceptable honors thesis. *(On demand)*

Note on topics courses (marked with #): These courses will usually be crosslisted with 2000- and 3000-level topics courses taught by Latin American Studies faculty for their “home” departments.

New courses: All of the above courses are new listings as LTAM courses. However, with the exception of **LTAM 1100, 2000, 3000, 3400, 3800, 4600, and 4700**, these courses are currently in the UNC Charlotte catalog under departmental rubrics.

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: February 3, 2004

RE: Request to establish Undergraduate Certificate in International Public Relations

The request to establish Undergraduate Certificate in International Public Relations was approved by the chair of the Undergraduate Course and Curriculum Committee on January 21, 2004 for immediate implementation.

New catalog copy

Certificate in International Public Relations

Students electing the certificate in International Public Relations must be enrolled as majors in the Public Relations track. In addition to completing the standard core and required track courses, students must complete the following elective track work, related course work, and language requirements:

Elective Track Work (6 credit hours)

Students must complete COMM 4147, International Public Relations and *either* COMM 4410-003, Professional Internship (with international focus) or ANTH 4120, Intercultural Communication.

Related Course Work (9 credit hours)

Students may either complete a semester of study abroad earning at least 9 credit hours at a non-American university OR complete an additional 9 credit hours of related course work selected from the following courses. At least 3 credit hours must be taken at the 3000 level or above.

ANTH 2010	Topics in Ethnography
ANTH 2110	Peoples of Africa
ANTH 2115	Culture and Society in the Middle East
ANTH 2116	Contemporary Latin America
ANTH 3110	Cultural Change and Applied Anthropology
ANTH 4120	Intercultural Communication*
HIST 2200	Asian Civilization
HIST 2201	History of Modern Asia/INTL 2201 Introduction to Asian Studies

HIST 2207	Modern Latin America/INTL 2401 Introduction to Latin American Studies
HIST 2211	Modern Africa/INTL 2101 Introduction to African Studies
HIST 3116	Twentieth Century Europe/INTL 2301 Introduction to European Studies
INTL 1101	Introduction to International Studies
INTL 3000	Topics in International Studies
POLS 1130	Introduction to Comparative Politics
POLS 1150	Introduction to International Politics
POLS 3141	European Politics
POLS 3143	African Politics
POLS 3144	Latin American Politics
POLS 3148	Chinese Politics
POLS 3149	Japanese Politics
POLS 3164	U.S.-Latin American Relations
POLS 3165	East Asia in World Affairs
POLS 3167	U.S. and Japan
POLS 3169	Foreign Policy of African States
SPAN 3029	Cultural Dimensions of Doing Business with Spanish Speaking Countries

*ANTH 4120 cannot be counted as both an Elective Track course *and* a Related Course.

Foreign Language

In addition to department and university foreign language requirements, students must complete one additional 2000 level foreign language course beyond the departmental foreign language requirement. The following courses would meet this requirement:

French 2202 or 2210

German 2202 or 2210

Spanish 2202, 2205, or 2210

Italian 2202

Portuguese 2202

Japanese 2201

Russian 2201

International, non-native English speakers must score a minimum of 550 on the TOEFL, a minimum of 85 on the MELAB.

cc: Dr. Rick Lejk

Dr. Richard Leeman

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: January 28, 2004

RE: Request to establish COMM 4147: International Public Relations

The request to establish COMM 4147: International Public Relations was approved by the chair of the Undergraduate Course and Curriculum Committee on January 21, 2004 for immediate implementation.

New catalog copy

COMM 4147. International Public Relations. (3)

Prerequisite: COMM 3145. Course examines the complexities of public relations practice in an international setting. Includes overview of the factors that complicate communication across

cultures and borders and an examination of the effect those factors have on public relations practice in specific global regions. *(Yearly)*

cc: Dr. Rick Lejk
Dr. Richard Leeman

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: January 9, 2004

RE: Request to remove the "W" Goal from BIOL 4111

The request to remove the "W" Goal from BIOL 4111 was approved by the Associate Dean for General Education on January 7, 2004 and by the Senior Associate Provost for Academic Affairs on January 8, 2004 for immediate implementation.

cc: Dr. Larry Barden
Dr. Mark Clemens
Dr. Mark West

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

—

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: January 8, 2004

RE: Request to re-approve **RELS 3212** for the “W” Goal

The request to re-approve **RELS 3212** for the “W” Goal was approved by the Associate Dean for General Education on January 7, 2004 and by the Senior Associate Provost for Academic Affairs on January 8, 2004 for immediate implementation

cc: Dr. Mark West
Dr. Ed St. Clair
Dr. Bill Hill

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: January 5, 2004

RE: Request to establish HIST 8999: Dissertation and HIST 9999 Doctoral Degree
Graduate Residence

The request to establish HIST 8999: Dissertation and HIST 9999 Doctoral Degree
Graduate Residence was approved by the Graduate Council on December 10, 2003
and by the Faculty council on the December 16, 2003 Consent Calendar for
immediate implementation.

New catalog copy

HIST 8999. Dissertation. (3 or 6) Prerequisite: approval of dissertation topic by the student's advisory committee. Individual research that culminates in the preparation and presentation of a doctoral dissertation. May be repeated by permission, if taken for three hours credit. Six hours of Dissertation may be taken during a single semester. Maximum of 12 hours allowed under this course designation. *(On demand)*

HIST 9999. Doctoral Degree Graduate Residence. (1) Maintains continuous enrollment as required by University policy. *(On demand)*

cc: Dr. John Smail

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: December 16, 2003

RE: Request to change title and course description of RELS 2600

The request to change title and course description of RELS 2600 was approved by the chair of the Undergraduate Course and Curriculum Committee on December 15, 2003 for immediate implementation.

New catalog copy

RELS 2600. Approaches to the Study of Religion. (3) (W)

Required of all majors as early in their program as possible. Examines basic concepts, theories, and approaches that are involved in the critical, academic study of religion. Attention given to basic research materials and to standard writing practices in the discipline.

Majors only. *(Fall, Spring)*

Also change major requirements as follows:

BACHELOR OF ARTS

A major in religious studies requires 30 semester hours in religious studies courses, including RELS 2101 (Introduction to Western Religions), 2102 (Introduction to Asian

Religions), 2600 (~~Orientation to the Major~~) (**Approaches to the Study of Religion**),

and 4600 (Senior Seminar); five 3000-level or above courses. . .

cc: Dr. Rick Lejk
Dr. Ed St. Clair

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: December 16, 2003

RE: Request to approve **SOCY 4165** for the “W” Goal

The request to approve **SOCY 4165** for the “W” Goal was approved by the Associate Dean for General Education and by the Director of University Writing Programs on December 11, 2003 and by the Senior Associate Provost for Academic Affairs on December 12, 2003 for immediate implementation.

cc: Dr. Rick Lejk
Dr. Judy Aulette
Dr. Charles Brody
Dr. Bill Hill

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: December 16, 2003

RE: Request to approve **SOCY 2163** for the “W” Goal

The request to approve **SOCY 2163** for the “W” Goal was approved by the Associate Dean for General Education and by the Director of University Writing Programs on December 11, 2003 and by the Senior Associate Provost for Academic Affairs on December 12, 2003 for immediate implementation.

cc: Dr. Rick Lejk
Dr. Judy Aulette
Dr. Charles Brody
Dr. Bill Hill

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: December 16, 2003

RE: Request to approve **BIOL 3144L** for the “W” Goal

The request to approve **BIOL 3144L** for the “W” Goal was approved by the Associate Dean for General Education and the Director of University Writing Programs on December 4, 2003 and by the Senior Associate Provost for Academic Affairs on December 11, 2003 for immediate implementation (and the students who are currently enrolled in the course should be able to use this course toward satisfying their W goal.)

cc: Dr. Rick Lejk
Dr. Larry Barden
Dr. Mark Clemens
Dr. Bill Hill

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: December 16, 2003

RE: Request to approve **LBST 2102 Section H78** for the “W” Goal

The request to approve **LBST 2102 Section H78** for the “W” Goal was approved by the Associate Dean for General Education and the Director of University Writing Programs on December 4, 2003 and by the Senior Associate Provost for Academic Affairs on December 11, 2003 for immediate implementation. **This applies only to the honors section of this course.**

cc: Dr. Rick Lejk
Dr. Al Maisto
Ms. Connie Rothwell
Dr. Bill Hill

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: December 8, 2003

RE: Request to establish courses in PPOL Curriculum.

The request to establish courses in PPOL Curriculum was approved by the Graduate Council on September 16, 2003 and the Faculty Council on the November 20, 2003 Consent Calendar for immediate implementation.

New catalog copy

Public Policy 8613. Transportation Policy. (3). Permission of the instructor. This course examines surface transportation from a broad public policy perspective with a special focus on its institutional components and the changing role of government in transportation policy-making including the evolution of, and relationships among, various federal, state and local policies that affect investment decisions in transportation infrastructure. *(On demand)*

***Public Policy 8617. Growth Management Systems. (3)** Permission of the instructor. States

and regions are grappling with myriad economic, political and social issues associated with rapid growth and development. Across the country, states, regions and municipalities are modernizing (or attempting to modernize) their laws that govern planning and zoning. The process of change is difficult because growth management threatens traditional notions of development and land use. In this course, we will explore growth management programs, issues (legal and planning), and legislation to determine their merits, weaknesses and abilities to promote more sustainable development patterns. *(On demand)*

Public Policy 8650. Environmental Policy. (3). Permission of the instructor. This course draws upon concepts and tools from economics, geography, law, sociology, political science, and planning to explore the concept of *sustainable development*, a central tenet of environmental policy. Environmental policy will be analyzed within the federalist framework. *(On demand)*

***Public Policy 8652. Energy and Environmental Economics. (3).** Permission of the instructor. Economics issues of both energy and environment. Energy issues include the historical development of energy resources, supply and demand considerations, and projections of the future energy balance. Environmental issues are externalities, common property resources, and government regulation. Policy considerations include environmental standards, pollution charges, and property rights. Cost-benefit analysis and microeconomic theory are applied. *(On demand)*

***Public Policy 8653. Urban Air Quality. (3).** Pre- or Co-requisites: ESCI 4150 and STAT 1221 and permission of the instructor. Examination of the relationships between climatic processes and urban air quality with emphasis on trends and patterns. Topics will include health and environmental effects of air pollution, ozone climatology, pollutant transport, transportation related emissions, risk assessment, and air quality management. *(Fall)*

Public Policy 8655. Watershed Science Policy. (3). Permission of the instructor. Examination of the cycling of water and chemical elements within forested, agricultural and urbanized watersheds. The hydrologic and biogeochemical functions of wetlands, riparian and hyporheic zones are analyzed in terms of watershed function and ecosystem health. Land use regulations designed to protect water quality are examined with respect to hydrologic and biogeochemical process that operate at the watershed scale. *(On demand)*

Public Policy 8672. Theories of Crime and Justice. (3). Permission of the instructor. This course is designed to expose students to mainstream **and** critical theoretical approaches to crime, justice, and criminal behavior. An emphasis on both broad conceptual orientations allows us to assess the development of criminology within an array of historical and philosophical contexts during the past three centuries. *(On demand)*

The following will be cross-listed with existing 6000 level courses. The catalog descriptions will be the same:

****Public Policy 8616. Urban Planning Theory and Practice. (3)** Existing course

crosslisted as GEOG 6106.

****Public Policy 8625. Advanced Seminar in Spatial Decisions Support Systems. (3).**

Existing course crosslisted as Geog 6615.

****Public Policy 8656. Earth Systems Analysis: Biogeochemical Cycles. (3).** Existing

course crosslisted as ESCI 6202.

****Public Policy 8671. Criminal Justice Policy. (3).** Existing course crosslisted as

CJUS 6100.

****Public Policy 8673. Law and Social Control. (3).** Existing course crosslisted as

CJUS 6104.

cc: Dr. Gerald Ingalls
Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: December 1, 2003

RE: Request to change title of HIST 3203-001 to The Antebellum U.S., 1800-1860

The request to change title of HIST 3203-001 to The Antebellum U.S., 1800-1860 was approved by the chair of the Undergraduate Course and Curriculum Committee on November 10, 2003 for immediate implementation.

New catalog copy

HIST 3203-001. The Antebellum U.S., 1800-1860.

cc: Dr. Rick Lejk
Dr. John Smail

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: December 1, 2003

RE: Request to add a statement to the catalog regarding continuing as a biology major

The request to add a statement to the catalog regarding continuing as a biology major was approved by the chair of the Undergraduate Course and Curriculum Committee on

November 20, 2003 for immediate implementation.

New catalog copy

Add to catalog copy for Biology Department:

A student who has two successive semesters with a GPA in Biology less than 2.0 is ineligible for continuation in bachelors degree programs in Biology.

cc: Dr. Rick Lejk

Dr. Larry Mellichamp

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: December 1, 2003

RE: Request to establish COMM 4050: Topics in Communication Studies

The request to establish COMM 4050: Topics in Communication Studies was approved by the chair of the Undergraduate Course and Curriculum Committee on November 20, 2003 for immediate implementation.

New catalog copy

COMM 4050. Topics in Communication Studies. (3)

Timely and important areas relevant to communication studies. May be repeated for credit with permission of the major advisor. *(On demand)*

cc: Dr. Rick Lejk
Dr. Richard Leeman

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: December 1, 2003

RE: Request to change Course Names, Course Numbers, and Prerequisites to its
Public Relations Courses: COMM 3145, COMM 3245, and COMM 4145.

The request to change Course Names, Course Numbers, and Prerequisites to its
Public Relations Courses: COMM 3145, COMM 3245, and COMM 4145

was approved by the chair of the Undergraduate Course and Curriculum Committee
on November 20, 2003 for immediate implementation.

New catalog copy

old: COMM 3145: Fundamentals of Public Relations

remove JOUR 2160 as prerequisite

NEW: COMM 2145: Principles of Public Relations (3)

Prerequisite: COMM 2100. Familiarize students with basic concepts and principles of public relations within the context of communication theory. Acquaints students with the history, functions, roles, social contexts, tools, techniques, and strategies of the profession. *(Fall, Spring)*

COMM 3245: add JOUR 2160 as prerequisite.

COMM 3245: Public Relations Writing. (3)

Prerequisites: **JOUR 2160** and COMM 3145. Instruction and writing practice designed to develop the professional-level writing skills expected of entry-level public relations practitioners. Extensive writing exercises in preparing plans, releases, newsletters, brochures, web pages, media kits, and other public relations products. Individual and group projects required. *(Fall, Spring)*

Old: COMM 4145: PR Lab

NEW: COMM 4145: Communication Campaign

No changes in catalog copy of course description

Catalog changes: Deletions indicated by strikethrough, Additions indicated by highlighting.

COMMUNICATION STUDIES

BACHELOR OF ARTS

Public Relations (12 hours)

The Public Relations concentration is designed to provide students with a general background in public relations. Students examine both the theory and practice of public relations.

Students choosing this concentration complete the following courses:

JOUR 2160	Introduction to Journalism (3)
COMM 3145 2145	Foundations of Public Relations Principles of Public Relations (3)
COMM 3245	Public Relations Writing (3)
COMM 4145	Public Relations Lab Communication Campaigns (3)
COMM 4410	Professional Internship (3)

Students select six hours from the following:

COMM 2102	Advanced Public Speaking (3)
COMM 3050	Topics in Communication Studies (3)*
COMM 3141	Organizational Communication (3)

COMM 3880	Independent Study (3)*
COMM 4101	Media and the Law (3)
COMM 4141	Advanced Organization Communication (3)
COMM 4410	Professional Internship (3)
ENGL 2116	Technical Communication (3)
JOUR 3160	News Writing (3)
JOUR 3161	News Editing (3)

COMMUNICATION STUDIES MINOR

Public Relations is a track of study designed for students anticipating careers in the public relations context. The track emphasizes understanding the theory and practice of the role of public relations in society. In addition to COMM 1101 and 2100, each student must take COMM-3145, 2145, JOUR 2160, and nine hours of electives selected from COMM 2102, 3050*, 3101, 3141, 3245, 3880*, 4101, 4141, 4145, 4410 (limit three hours); ENGL 2116, JOUR 3160, 3161, 3162; POLS 3103.

cc: Dr. Rick Lejk

Dr. Richard Leeman

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Peggy Gordon

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 3, 2003

RE: Request to establish MATH 6050, Topics in Mathematics and STAT 6027, Topics in Statistics

The request to establish MATH 6050, Topics in Mathematics and STAT 6027, Topics in Statistics was approved by the Chair of the Graduate Council on October 23, 2003 for immediate implementation.

New catalog copy

MATH 6050. Topics in Mathematics.

Prerequisite: consent of the department. Topics chosen from applied mathematics applicable to other disciplines.

STAT 6027. Topics in Statistics.

Prerequisite: consent of the department. Topics chosen from applied statistics applicable to other disciplines.

cc: Dr. Gerald Ingalls
Dr. Joel Avrin
Dr. Alan Dow

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 1, 2003

RE: Request to establish ARTE 5121: Art Education Methods and ARTE 5122: Art Education
Methods II

The request to establish ARTE 5121: Art Education Methods and ARTE 5122: Art Education
Methods II was approved by the Graduate Council on September 16, 2003 and by Faculty
Council on the October 20, 2003 Consent Calendar for immediate implementation.

New catalog copy

ARTE 5121. Art Education Methods I (K-12). (3). Prerequisite: Admission to MAT program Fast-track Licensure Program. Analysis of learning theories as related to growth and development in visual arts; organization of tools, media and materials; curriculum design in planning art units and lesson plans; evaluation and motivation techniques. Approximately 40 hours of clinical/classroom-based field experience required. Studio/Lecture course. Six contact hours. *(Fall, Spring)*

ARTE 5122. Art Education Methods II (K-12). (3) Prerequisites: ARTE 5121 and 3 credit hours of ARTE 6021 with a "B" or better grade. Development of objectives for art education based on personal and historical references, philosophy, and psychology. Relationship of the arts and artists to contemporary society. Curriculum design, classroom management, and approximately 40 hours of clinical/classroom-based field experience required.- Studio/Lecture course. Six contact hours. *(Fall, Spring)*

cc: Dr. Gerald Ingalls
Mr. Roy Strassberg

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: November 1, 2003

RE: Request to Establish a Graduate Certificate in Translating and Translation Studies

The request to Establish a Graduate Certificate in Translating and Translation Studies was approved by the Graduate Council on September 16, 2003, and by Faculty Council on the October 20, 2003 Consent Calendar for immediate implementation.

Catalog Copy:

Program Description: The Department of Languages and Culture Studies at UNC Charlotte offers a Graduate Certificate in Translating and Translation Studies (TTS) designed for post-baccalaureate, graduate, and post-graduate students. Students can complete the required 18 graduate credit hours in three semesters. Students will study the history, theory, and profession of translation and work intensively in the analysis and translation of different types of discourse (non-literary and literary texts), computer-assisted translation, and develop advanced post-editing skills. Graduate level course work may also include special topics courses in translation and up to 3 hours of professional internship in translating. Translating is done from both Spanish to English and English to Spanish.

Admission Requirements: Students must apply for admission to the Graduate School and must have a minimum undergraduate GPA of 2.75. Applicants will generally have a baccalaureate degree in Spanish or in a closely related area that requires sufficient upper-division course work in Spanish (e.g., Latin American Studies, International Studies, International Business), or an undergraduate degree, certificate or minor in translation (English to Spanish, Spanish to English). They will be required to submit:

1) a current GRE, MAT or TOEFL score (the latter for international students);

2) a well-developed essay in English that addresses the applicant's motivation for enrolling in the Graduate Certificate; 3) three letters of reference (from professors, specialists in translation, and/or employers); and 4) a portfolio of best writing samples in both English and Spanish or of translations into each language (with original text to accompany each translation submitted). Only graduate courses taken at UNC Charlotte, or those pre-approved by the Department of Languages and Culture Studies, will count towards this Graduate Certificate. Twelve of the 18 credit hours for the Graduate Certificate must be taken in residency.

Certificate Requirements (12 hours):

TRAN 6001S: History and Theory of Translation

TRAN 6472S: Advanced Non-Literary Translating I (Business, Legal, Governmental)

TRAN 6474S: Advanced Non-Literary Translating II (Medical and Technical)

TRAN 6476S: Advanced Literary and Cultural Translating

Electives (6 hours):

SPAN 6001: Advanced Studies in Spanish Language (especially recommended)

TRAN 6003S: Translating and the Computer

TRAN 6480S: Translation Internship

TRAN 6900S: Special Topics in English-Spanish Translation Studies

TRAN 6901S: Advanced Project in English-Spanish Translating

Other Courses: As appropriate and approved by the Department. Graduate courses in Hispanic literature, civilization and culture, and linguistics are especially recommended because of the insight they provide into the Spanish language and Hispanic cultures (see courses offered in the LLC track of the Spanish M.A.).

cc: Dr. Rick Lejk

Dr. Martha Miller

Dr. Edward Hopper

Dr. Robert Gleaves

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: October 24, 2003

RE: Request to cross-list existing courses for undergraduate and graduate credit: THEA 4410/5410; THEA 4220/5220; and THEA 4400/5400

The request to cross-list existing courses for undergraduate and graduate credit: THEA 4410/5410; THEA 4220/5220; and THEA 4400/5400 was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 22, 2003 for immediate implementation.

New catalog copy

THEA 4410/5410. Practicum in Secondary School Play Production: 9-12. (3)

Prerequisite: THEA 1209 and THEA 2216 or consent of instructor. Study and application of advanced theories, concepts, competencies, and processes in theatre arts for teaching the specialized areas of production and performance in a secondary school setting (9-12). (*Alternate Spring*)

THEA 4220/5220. Theatre Education Methods I. (3)

Prerequisite: THEA 1109, THEA 2410, THEA 2411 and EDUC 2100; Junior standing or consent of instructor. Exploration of pedagogical methodologies in theatre arts and the application of theory to the classroom setting. Includes instructional planning and competencies for theatre arts classes. Includes clinical experience. (*Alternate Fall*)

THEA 4400/5400. Internship in Theatre. (3-6)

Prerequisite: GPA of a least 2.5, junior status, and permission of Department chair. Research and/or in-service training for theatre majors and minors in cooperating organizations. Specific content is based upon a contract between the students department and professional organization. Graded on a Pass/Fail basis. (*Fall, Spring, Summer*)

cc: Mr. Bruce Auerbach
Ms. Pamela Sofras

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: October 8, 2003

RE: Request to revise Undergraduate Certificate in Translating

The request to revise Undergraduate Certificate in Translating was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 9, 2003 for immediate implementation.

NOTE TO REGISTRAR'S OFFICE: These courses will appear in SIS as TRAN 4402 – Practicum in Translating I, TRAN 4403 – Practicum in Translating II and TRAN 4404 – Practicum in Translating III, with the separate sections to be designated by the course notes and section numbers. The listing for the catalog copy will have the “TRAN 4402-S – Practicum in Translating I - Spanish, TRAN 4402-G – Practicum in Translating I - German, TRAN 4402-F – Practicum in Translating I - French, etc. “ for the purpose of clarification of the course descriptions in the catalog copy only.

Catalog Copy:

CERTIFICATE IN TRANSLATING

A Certificate in Translating, CT, in the French-English, German-English, or Spanish-English sequence is earned by completion of TRAN 3401 F/G/S, 4402 F/G/S, 4403 F/G/S, and 4404 F/G/S, with a grade of C or better in each course. The CT is not equivalent to a major in a foreign language; rather it represents a theory-based skill developed at the bachelor's degree level. The CT may complement a major in any field, and is especially recommended for majors and minors in French, German, Spanish, International Studies, or International Business. All courses for the CT involve, but are not limited to, translating into English from the source text.

TRAN 3401. Introduction to Translation Studies (3)

Prerequisites: Native or near native fluency in English and completion of French, German, or Spanish 2202, or the equivalent, with a grade of C or better. History, theory, pragmatics, and procedures of the field of translation. Introduction to text typology, terminology, and issues such as register, audience, editing, and computer-assisted translating. Conducted in English. (*Fall*)

TRAN 4402-F. Practicum in Translating I – French (3)

Prerequisites: Completion of TRAN 3401 and a French 3000-level course or equivalent, with a grade of C or better, or permission of the department. Comparative stylistics, restructuring texts, editing, troubleshooting, and techniques of the translator in working with a variety of text types. Conducted in English and French. (*Spring/alternate years*)

TRAN 4402-G. Practicum in Translating I – German (3)

Prerequisites: Completion of TRAN 3401 and a German 3000-level course or equivalent, with a grade of C or better, or permission of the department. Comparative stylistics, restructuring texts, editing, troubleshooting, and techniques of the translator in working with a variety of text types. Conducted in English and German. (*Spring/alternate years*)

TRAN 4402-S. Practicum in Translating I – Spanish (3)

Prerequisites: Completion of TRAN 3401 and a Spanish 3000-level course or equivalent, with a grade of C or better, or permission of the department. Comparative stylistics, restructuring texts, editing, troubleshooting, and techniques of the translator in working with a variety of text types (e.g., business legal, medical, technical, etc.). Continues with history and theory of translation. Conducted in English and Spanish. (*Spring/alternate years*)

TRAN 4403-F. Practicum in Translating II – French (3)

Prerequisites: Completion of TRAN 4402-F, with a grade of C or better, or permission of the department. Critical analysis of different kinds of texts; translating for specific audiences; problems of terminology; development of working dictionaries in fields(s) of specialization. Conducted in English and French. (*Fall/alternate years*)

TRAN 4403-G. Practicum in Translating II – German (3)

Prerequisites: Completion of TRAN 4402-G, with a grade of C or better, or permission of the department. Critical analysis of different kinds of texts; translating for specific audiences; problems of terminology; development of working dictionaries in fields(s) of specialization. Conducted in English and German. (*Fall/alternate years*)

TRAN 4403-S. Practicum in Translating II – Spanish (3)

Prerequisites: Completion of TRAN 4402-S, with a grade of C or better, or permission of the department. Further work in restructuring texts, editing, troubleshooting, and translation of a variety of literary and cultural text types (e.g., fiction, poetry, drama, essay, film). Continues with history and theory of translation. Conducted in English and Spanish. May count as course work for the Spanish major. *(Fall or Spring)*

TRAN 4404-F. Practicum in Translating III – French (3)

Prerequisites: Completion of TRAN 4403-F, with a grade of C or better, or permission of the department. Study of professional journals, technologies, protocol, and resources in the field (e.g., ATA, ALTA). Advanced issues of translation. Translation of a semester-long project in individual consultation. Conducted in English and French. *(Spring/alternate years)*

TRAN 4404-G. Practicum in Translating III –German(3)

Prerequisites: Completion of TRAN 4403-G, with a grade of C or better, or permission of the department. Study of professional journals, technologies, protocol, and resources in the field (e.g., ATA, ALTA). Advanced issues of translation. Translation of a semester-long project in individual consultation. Conducted in English and German. *(Spring/alternate years)*

TRAN 4404-S. Practicum in Translating III – Spanish (3)

Prerequisites: Completion of TRAN 4403-S, with a grade of C or better, or permission of the department. Vocational, pre-professionalizing activities. Study of professional journals, technologies, protocol, and resources in the field (e.g., ATA, ALTA). Advanced issues of translation. Translation of a semester-long project in individual consultation. Conducted in English and Spanish. *(Spring)*

cc: Dr. Rick Lejk

Dr. Martha Miller

Dr. Edward Hopper

Dr. Robert Gleaves

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: October 10, 2003

RE: Request to change the prerequisites for PHYS 3281 and PHYS 4281

The request to change the prerequisites for PHYS 3281 and PHYS 4281

was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 8, 2003 for immediate implementation.

New catalog copy

PHYS 3281. Advanced Laboratory in Waves and Optics. (2)

Prerequisite: PHYS 3141 or consent of the instructor. Selected laboratory work in physical optics. Areas of study include properties of light sources and detectors; interferometry; fiber optics; optical retardation; and dispersion. Emphasis on the development of sound laboratory techniques, methods of data analysis, and the writing of formal laboratory reports. Three hours of laboratory each week. *(Spring) (Alternate years)*

PHYS 4281. Advanced Laboratory in Modern Optics. (3)

Prerequisite: PHYS 3141 or consent of the instructor. Laboratory in Modern Optics. Characteristics of light sources and detectors; interferometry; fiber optics and fiber optics sensors; holography; and heterodyned optical signals. Emphasis on the development of sound laboratory techniques, methods of data analysis, and the writing of formal laboratory reports. Credit cannot be obtained for both PHYS 3281 and PHYS 4281. Six hours of laboratory each week. *(Spring) (Alternate years)*

cc: Dr. Rick Lejk
Dr. Faramarz Farahi

Dr. Mike Corwin

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: October 14, 2003

RE: Request to change the course number, prefix, and credit hours of MUSC 3161

The request to change the course number, prefix, and credit hours of MUSC 3161 was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 7, 2003 for immediate implementation.

New catalog copy

MUED 4132. Guitar Pedagogy and Materials. (3)

An introduction to the teaching of the principles of classical guitar playing, including the performance practices and the music of major composers from the 16th century to the present. Three contact hours. *(On demand)*

cc: Dr. Rick Lejk
Dr. Royce Lumpkin

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: October 14, 2003

RE: Request to change the course prefix for MUSC 4145

The request to change the course prefix for MUSC 4145 was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 7, 2003 for immediate implementation.

New catalog copy

MUED 4145. Music Arranging. (2)

Pre-requisite: departmental permission. Techniques used to arrange music for instrumental and vocal ensembles from existing sources. Three contact hours. *(Fall)*

cc: Dr. Rick Lejk
Dr. Royce Lumpkin

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: October 14, 2003

RE: Request to change the credit hours and course title for MUSC 4137

The request to change the credit hours and course title for MUSC 4137 was approved by the Chair of the Undergraduate Course and Curriculum Committee on October 7, 2003 for immediate implementation.

New catalog copy

MUED 4137. Vocal Pedagogy and Materials. (3)

Pre-requisite: Two semesters of MUSC 1253 or permission of instructor. A methodology course designed to present the physiological and acoustical bases for a coherent approach to the teaching of singing. Areas of vocal technique to be studied include the physiology of the voice, posture, breathing, onset of sound, articulation, vocal registration, and other related areas. *(Fall)*

cc: Dr. Rick Lejk

Dr. Royce Lumpkin

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: October 14, 2003

RE: Request to establish GEOG 5000, Topics in Geography

The request to establish GEOG 5000, Topics in Geography was approved by the Chair of the Graduate Council on October 10, 2003 for immediate implementation.

New catalog copy

GEOG 5000. Topics in Geography. (3)

Major topics in Geography. May be repeated for credit as topics vary. *(Yearly) (Evening)*

cc: Dr. Gerald Ingalls

Dr. Tyrel Moore

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: September 17, 2003

RE: Request to change credit hours for MUED 4151 from 1 credit hour to 2 credit hours

The request to change credit hours for MUED 4151 from 1 credit hour to 2 credit hours was approved by the Chair of the Undergraduate Course and Curriculum Committee on September 15 2003 for immediate implementation.

New catalog copy

MUED 4151. Computer Skills for the Music Educator (2)

Prerequisite: consent of the instructor. The study of contemporary MIDI and computer related technologies available to the music educator. One contact hour. *(Fall)*

cc: Dr. Rick Lejk
Dr. Royce Lumpkin

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: September 17, 2003

RE: Request to establish AMST 4050: Topics in American Studies

The request to establish AMST 4050: Topics in American Studies was approved by the Chair of the Undergraduate Course and Curriculum Committee on September 15 2003 for immediate implementation.

New catalog copy

AMST 4050. Topics in American Studies (3)

In-depth study using an interdisciplinary approach focusing on aspects of American culture and society. May be repeated for credit with permission of the student's advisor as topics vary. (*Fall/Spring*)

cc: Dr. Rick Lejk

Dr. Paula Eckard

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: July 14, 2003

RE: Request to establish ESCI 6000 – Selected Topics in Earth Sciences

The request to establish ESCI 6000 – Selected Topics in Earth Sciences was approved by the Chair of the Graduate Council on July 9, 2003 for immediate implementation.

Catalog copy

ESCI 6000. Selected Topics in Earth Sciences. (1-4)

Prerequisites: permission of the Earth Sciences Graduate Coordinator. In-depth treatment of specific topics selected from one of the concentrations in earth sciences (Solid Earth Sciences; Climatology and Hydrology; Environmental Systems Analysis). May be repeated for credit as topics vary. (*On demand*)

cc: Dr. Jerry Ingalls
Dr. John Bender

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Mary Lynne Calhoun, College of Education

Dean Schley Lyons, College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: June 24, 2003

RE: Request for authorization to establish a new degree, Ph.D. in Curriculum and Instruction

The request for authorization to establish a new degree, Ph.D. in Curriculum and Instruction was approved by the Graduate Council on September 17, 2002 and by Faculty Council on the September 17, 2003 Consent Calendar. The Board of Governors approved the request at its meeting on May 9, 2003.

New catalog copy

Admission to the program

Admission requirements to be met by each applicant are presented below. Specific documentation required by the UNC Charlotte Graduate School for admission is also described.

Admission requirements (minimum and general requirements)

Applications for admission will be accepted once a year to begin doctoral studies in the fall semester and must be submitted to the Graduate Admissions Office by January 15th. The following criteria will be considered in the admission decision:

- A GPA of 3.5 (on a scale of 4.0) in a graduate degree program.*.
- Master's degree appropriate to the program of study.

- A satisfactory score on the Graduate Record of Examination or Millers Analogies Test.*
- High level of professionalism and potential for leadership (letters of reference.).
- Strong writing skills (purpose statement; professional writing sample.)*
- Clear career objectives related to obtaining Ph.D. (purpose statement, interview.)
- International students must submit official test scores on the Test of English as a Foreign Language (TOEFL) of at least 550 on the written test or 220 on the computer-based test or a score of at least 85% on the Michigan English Language Assessment (MELAB). All tests must have been taken within the past two years.*

Documents to be submitted for admission

The Office of the Graduate School at UNC Charlotte requires the following documents be submitted in the application package for each student:

- Two official transcripts of all academic work attempted since high school indicating a GPA of 3.5 (on a scale of 4.0) in a graduate degree program.*
- Official report of score on the GRE or MAT that is no more than 5 years old.*
- At least three reference from persons who know the applicant's current work and/or academic achievement in previous degree work.*
- Purpose statement.*
- Current resume or vita.
- A professional writing sample (e.g., published article, manuscript submitted for publication, term paper submitted in prior coursework, abstract of thesis, teaching manual).
- Interview with Curriculum and Instruction faculty.

- International students must submit official test scores on the Test of English as a Foreign Language (TOEFL) of at least 550 on the written test or 220 on the computer-based test or a score of at least 85% on the Michigan English Language Assessment (MELAB). All tests must have been taken within the past two years.*

**These items are required of applicants to any of UNC Charlotte's doctoral programs.*

Degree requirements

The degree of Doctor of Philosophy in Infrastructure and Environmental systems is awarded for completion of scholarly research that advances the knowledge base in the field of that research. Evidence of this is demonstrated by a successful dissertation defense. In addition, recipients of the degree should demonstrate a mastery of relevant subject matter and a potential for success in research and teaching.

Total hours required

60 semester hours. 100% of courses are open only to graduate students to be required in program.

Grades required

A student must maintain a cumulative average of 3.0 in all coursework taken. An accumulation of more than two C grades will result in termination of the student's enrollment in the graduate program. If a student makes a grade of "U" in any course, enrollment in the program will be terminated.

Transfer credit accepted

The program will accept up to six semester hours as transfer from a regionally accredited institution, providing the Curriculum and Instruction Doctoral Committee determines that the course or courses to be transferred are appropriate for the program of study and are graduate-level courses beyond the master's degree. The grade in these transfer courses must be an A or B. All dissertation work must be completed at UNC Charlotte.

Other Requirements

- Qualifying examination
- Dissertation
- All students seeking licensure from the Department of Public Instruction are required to complete an internship or practicum in a P-12 school setting and to complete a prescribed series of licensure courses in the doctoral program.
- All students must complete a residency requirement of at least 18 credit hours over three successive terms of enrollment.
- There is no foreign language requirement.

Research Requirements

There is a 15-hour research requirement, as follows:

Required of all students:

RSCH 8210 *Applied Research Methods (3)*

RSCH 8110 *Descriptive and Inferential Statistics (3)*

Student choice: three additional research courses such as the following:

RSCH 8211 *Qualitative Research Methods (3)*

RSCH 8212 *Survey Research Methods (3)*

RSCH 8213 *Single-case Research (3)*

RSCH 8120 *Advanced Statistics (3)*

RSCH 8130 *Presentation and Computer Analysis of Data (3)*

RSCH 8140	<i>Multivariate Statistics (3)</i>
RSCH 8296	<i>Program Evaluation Methods (3)</i>
MAED 8120	<i>Research in Mathematical Education (3)</i>
READ 8101	<i>Applied Research in Literacy Education (3)</i>
EDUC 8020	<i>Topics in Urban Educational Research (3)</i>
ENGL 8674	<i>Applied Research Methods in the Teaching of English (3)</i>
ENGL 8101	<i>Research in English Studies (3)</i>
ENGL 8102	<i>Research in Literary Theory (3)</i>

Time limits for completion

Students must complete their degree, including dissertation, within eight years.*

New and existing courses in the program

Doctoral courses are numbered at the 8000 level. All courses carry 3 hours credit, and students are expected to repeat dissertation hours for at least 6 hours of credit. The design of the curriculum is shown below, indicating new courses with *italics* and marking required courses with an asterisk (*). The program is designed to have four major curricular components: a common urban education core, research, specialization related to urban education, and dissertation. Courses noted as a cross-listing currently exist as master's level courses and will be revised to have 8000 number as well and to include differentiated assignments for doctoral students.

Urban Education Core (12 hours)

Required for all students:

- *EDUC 8100* *Critical Issues and Perspectives in Urban Education** (new)
- ADMN 8122 Advanced Curriculum Theory*

Leadership in Urban Education theme. Choose one such as the following:

- EDUC 8000 *Topics in Urban Educational Leadership (new)*
- ENGL 8410 *Writing Program Administration and Supervision (new)*
- ENGL/READ 8110 *Policy-Making in Literacy Education (new)*
- ADMN 8489 Practicum in Staff Development
- ADMN 8660 Instructional Leadership Seminar

Urban-Regional Issues theme. Choose one such as the following:

- EDUC 8010 *Topics in Urban-Regional Education (new)*
- EDUC 8126 *Comparative Education (cross-listing)*
- ADMN 8130 Educational Governance and Policy Studies
- EIST 8150 Systemic Design of Educational Systems
- PPOL 8610 Urban Regional Environment
- PPOL 8615 The Restructuring City
- PPOL 8681 Race, Gender, Class, and Public Policy
- PPOL 8689 The Social Context of Schooling

Research (15 hours)

Required for all students:

- RSCH 8210 Applied Research Methods*
- RSCH 8110 Descriptive and Inferential Statistics*

(NOTE: A more advanced statistics course may be substituted for RSCH 8110)

Choose three more courses, such as the following, in relationship to dissertation methodology and goals for professional employment.

- *EDUC 8020 Topics in Urban Educational Research (new)*
- *ENGL 8101 Research in English Studies (cross-listing)*
- *ENGL 8102 Research in Literary Theory (cross-listing)*
- *ENGL 8674 Applied Research Methods in the Teaching of English
(cross-listing)*
- *MAED 8120 Research in Mathematical Education (cross-listing)*
- *READ 8101 Applied Research in Literacy Education (new)*
- RSCH 8120 Advanced Statistics
- RSCH 8130 Presentation and Computer Analysis of Data
- RSCH 8140 Multivariate Statistics
- RSCH 8211 Qualitative Research Methods
- RSCH 8212 Survey Research Methods
- RSCH 8213 Single-Case Research
- RSCH 8296 Program Evaluation Methods

Dissertation (9 hours)

- *EDUC 8699 Dissertation Proposal Seminar (new)*
- *EDUC 8999 Dissertation Research (3,3) (new)*

Specialization (24 hours)

All students must complete a “Readings in Research seminar germane to their specialization. The remaining courses and seminars are to be chosen by the student, advisor, and graduate committee to expand his/her knowledge base and leadership skills relative to issues, problems, and solutions in urban-regional education, including diversity among learners and evaluation of programs and personnel. Students who desire more research preparation may

choose additional courses from the research listings to include in their specialization. Students who are seeking advanced licensure must tailor their choices accordingly.

All students must take one of the following as a required course (3):

- ENGL 8600/READ 8600 *Readings in Literary Research (new)*
- MAED 8600 *Readings in Mathematics Education Research (new)*
- EDUC 8600 *Readings in Urban Educational Research (new)*

Choose 21 hours from courses such as the following, in relationship to interests, dissertation topics and methodology, and goals for professional employment:

- ADMIN 8150 Human Resources Development and Administration
- CSLG 8345 Advanced Multicultural Counseling
- EIST 8101 The Adult Learner
- EIST 8150 Systemic Design of Educational Systems
- MATH 8028 Topics in Probability
- MATH 8050 Topics in Mathematics
- MATH 8065 Topics in Applied Algebra and Algebraic Structures
- MATH 8120 Probability Theory I
- MATH 8121 Probability Theory II
- MATH 8163 Modern Algebra I
- MATH 8164 Modern Algebra II
- MATH 8184 Differential Geometry
- MATH 8185 Differential Geometry II

- PPOL 8614 Colloquium in 20th Century Black Urban History
- PPOL 8615 The Restructuring City
- PPOL 8635 Ethics of Public Policy
- PPOL 8681 Race, Gender, Class and Public Policy
- PPOL 8682 Stratification and Social Policy
- PPOL 8687 Education Policy
- PPOL 8688 Political Economy and School Reform
- PPOL 8689 The Social Context of Schooling
- RSCH 8296 Program Evaluation Methods

- *EDUC 8000: Topics in Urban Educational Leadership (new)*
- *EDUC 8010: Topics in Urban-Regional Education (new)*
- *EDUC 8400: Internship in Urban Education (new)*
- *EDUC 8410: Supervision of Student Teachers (new)*
- *EDUC 8610: Seminar in College Teaching (new)*
- *EDUC 8620: Seminar in Professional and Grant Writing (new)*
- *EDUC 8800: Independent Study in Urban Education (new)*
- *ENGL 8010/READ 8010: Topics in Literacy Education (new)*
- *ENGL 8110/READ 8110: Literacy and Educational Public Policy (new)*
- *ENGL 8410: Writing Program Administration and Supervision (new)*
- *MAED 8010: Topics in Mathematics Education (new)*

- *CURR 8123: Advanced Curriculum Development (cross listing)*

- *EDUC 8126: Comparative Education (cross-listing)*
- *ENGL 8104: Multiculturalism and Children’s Literature (cross-listing)*
- *ENGL 8147: Early Black American Literature (cross-listing)*
- *ENGL 8148: 20th Century Black American Literature: Prose (cross-listing)*
- *ENGL 8158: African American Literary Theory and Criticism (cross-listing)*
- *ENGL 8165: Language and Culture (cross listing)*
- *ENGL 8166: Comparative Language Study (cross-listing)*
- *ENGL 8247: Perspectives in African-American Literature (cross-listing)*
- *ENGL 8263: Linguistics and Language Learning (cross listing)*
- *HIST 8250: Comparative Slavery and Race Relations (cross listing)*
- *MAED 8122: Theoretical Foundations of Learning Mathematics (cross listing)*
- *MAED 8124: Issues in the Teaching of Secondary School Mathematics
(cross listing)*
- *TESL 8103: Teaching English as a Second Language (cross listing)*

Description of new courses:

EDUC 8000. Topics in Urban Educational Leadership (3)

Examination of special topics germane to leadership in urban education environments at the elementary, middle, and secondary school levels as well as the community and four-year college. Extensive reading and discussion of topics from multiple perspectives. May be repeated for credit for different topics.

EDUC 8010. Topics in Urban-Regional Education (3)

Examination of special topics germane to education in urban-regional environments at the elementary, middle, and secondary school levels as well as the community and four-year college. Extensive reading and discussion of topics from multiple perspectives. May be repeated for credit for different topics.

EDUC 8020. Topics in Urban Educational Research (3)

Examination of the research in specific areas germane to urban educational settings and problems. Emphasis on different research questions and methodologies used to investigate similar problems. Examination of alignment of research findings with educational change in urban environments of the elementary, middle, and secondary school levels as well as the community and four-year college. May be repeated for credit for different topics.

EDUC 8100. Critical Issues and Perspectives in Urban Education (3)

Introduction to critical issues in urban education, from the historical roots to present crises and solutions. Examination of multiple perspectives on issues such as poverty, English as a second language, single-parent families, crime and drug abuse, school failure, discipline problems, under-preparedness for the next level of schooling, integration and re-segregation.

EDUC 8400. Internship in Urban Education (3)

Prerequisite: Consent of instructor. Internship experiences planned and guided cooperatively by University and school personnel in order to qualify for additional NC licensure.

EDUC 8410. Supervision of Student Teachers (3)

Concentrated practice in the supervision of student teachers with emphasis on support of student teachers in urban schools. Internship experience with direct faculty supervision in seminars and school settings.

EDUC 8600. Readings in Urban Educational Research (3)

Study of methodology and findings of historical and current research about needs and characteristics of urban schools, diverse populations in urban-regional environments, legal and ethical issues, policy-making, and promising solutions to educational challenges of poverty, social justice, language differences, and conflicting values.

EDUC 8610. Seminar in College Teaching (3)

Issues, theories, and research about teaching late adolescent and adult learners. Supervised teaching experience with faculty who support students as they teach or co-teach undergraduate professional education, English, or mathematics courses.

EDUC 8620. Seminar in Professional and Grant Writing (3)

Introduces the forms of professional and grant writing expected of education professionals. Emphasis on writing for publication and writing for federal and state funding. Collaborative writing and peer assessment will be part of the process.

EDUC 8699. Dissertation Proposal Seminar (3)

Prerequisite: Completion of research requirements and qualifying examination. Identification of a research question and development of the proposal for an original research study appropriate for the dissertation requirement.

EDUC 8800. Independent Study in Urban Education (3)

Prerequisite: Permission of the student's advisor. Independent study of an urban education problem or issue under the supervision of an appropriate faculty member. May be repeated for credit.

EDUC 8999. Dissertation Research (3)

Prerequisite: Committee approval of the dissertation proposal. Execution of original research study that addresses the solution to an urban educational problem in curriculum, teaching, learning, or leadership. (May be repeated for credit)

ENGL 8010. Topics in Literacy Education (3)

Examination of special topics germane to literacy education in urban-regional environments at the elementary, middle, and secondary school levels as well as the community and four-year college, including historical perspectives on current problems, effectiveness of programs and practices in urban schools, and emerging theories of literacy learning. Extensive reading and discussion of topics from multiple perspectives. May be repeated for credit for different topics. (Cross-listed with READ 8010).

ENGL 8110. Literacy and Educational Public Policy

Examination of competing definitions of literacy and development of literacy practices related to debates in American education public policy about the ends of schooling, the strategies of teaching, and the priorities of the language arts curricula. Evaluation of assumptions, reasoning, and research bases linking literacy to policy. Study of the historical and current methods of establishing district, statewide and federal policies about literacy education programs, materials, personnel, grants, and licensure. (Cross-listed with READ 8110.)

ENGL 8410. Writing Program Administration and Supervision (3)

Study of and supervised experiences in the development, administration, supervision, and evaluation of writing programs in urban educational settings. Students may focus on programs at the elementary, middle, or secondary schools or within community and four-year colleges. Emphasis on program development that supports writers from diverse backgrounds.

ENGL 8600. Readings in Literacy Research (3)

Study of methodology and findings of historical and current research about needs and characteristics of diverse literacy learners in urban-regional environments, successful programs

and policies, and promising solutions to educational challenges confronting literacy teachers and literacy learners. Cross-listed with READ 8600.

MAED 8010. Topics in Mathematics Education (3)

Examination of special topics germane to mathematics education in urban-regional environments at the elementary, middle, and secondary school levels as well as the community and four-year college, including historical perspectives on current problems, effectiveness of programs and practices in urban schools, problem-solving, use of technology, mathematics and literacy. Extensive reading and discussion of topics from multiple perspectives. May be repeated for credit for different topics.

MAED 8600. Readings in Mathematics Education Research (3)

Contemporary issues in mathematics education, including the study of historical and current research about needs and characteristics of diverse mathematics learners in urban-regional environments, successful programs and policies, and promising solutions to educational challenges confronting mathematics teachers and their students.

READ 8101. Applied Research in Literacy Education (3)

Introduction to the research interests of faculty, with emphasis on research in urban educational issues and problems. Seminar and individual support for replication attempts, instrument development and field-testing in pilot studies, practice in and critique of different methods of data gathering and data analysis.

READ 8010. Topics in Literacy Education (3)

Examination of special topics germane to literacy education in urban-regional environments at the elementary, middle, and secondary school levels as well as the community and four-year college, including historical perspectives on current problems, effectiveness of programs and practices in urban schools, and emerging theories of literacy learning. Extensive reading and discussion of topics from multiple perspectives. May be repeated for credit for different topics. (Cross-listed with ENGL 8010).

READ 8110. Literacy and Educational Public Policy (3)

Examination of competing definitions of literacy and development of literacy practices related to debates in American education public policy about the ends of schooling, the strategies of teaching, and the priorities of the language arts curricula. Evaluation of assumptions, reasoning, and research bases linking literacy to policy. Study of the historical and current methods of establishing district, statewide and federal policies about literacy education programs, materials, personnel, grants, and licensure. (Cross-listed with ENGL 8110.)

READ 8600. Readings in Literacy Research (3)

Study of methodology and findings of historical and current research about needs and characteristics of diverse literacy learners in urban-regional environments, successful programs and policies, and promising solutions to educational challenges confronting literacy teachers and literacy learners. Cross-listed with ENGL 8600.

cc: Dr. Jeanneine Jones

Dr. Bob Rickelman

Dr. Cy Knoblauch
Dr. Allen Queen

Dr. Alan Dow

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: June 13, 2003

RE: Request to change course description for CHEM 6115

The request to change the course description for CHEM 6115 was approved by the Chair of the Graduate Council on May 29, 2003 for immediate implementation.

[New catalog copy](#)

CHEM 6115. Advanced Analytical Chemistry. (3) Prerequisite: CHEM 5111 with a grade of B or better, or consent of the instructor. The application of modern analytical methods to chemical problems. Emphasis is upon chemical information, particularly structural, obtainable from these techniques. [May be repeated for credit.](#) (*On demand*)

cc: Dr. Jerry Ingalls
Dr. Thomas DuBois

Dr. Cheryl Dammann

Mr. Stefanos Arethas

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: April 25, 2003

RE: Request for authorization establish a new degree program track Ph.D. in Infrastructure and Environmental Systems

The request for authorization establish a new degree program track, Ph.D. in Infrastructure and Environmental Systems was approved by the Graduate Council on April 8, 2003 and by Faculty Council on the April 10, 2003 Consent Calendar for forwarding to General Administration.

New catalog copy

Admission to the program

Admission requirements to be met by each applicant are presented below. Specific documentation required by the UNC Charlotte Graduate School for admission is also described.

Admission requirements (minimum and general requirements)

Applicants will be reviewed for admission to the Program based on their satisfaction of the requirements described below.

- The equivalent to a U.S. baccalaureate or master's degree, from a regionally accredited college or university, in Engineering, Earth Science/Geology, Chemistry, Biology or a related field with a minimum undergraduate GPA of 3.2 or a minimum graduate GPA of 3.5 (A = 4.0) in all graduate work.
- A minimum combined score of 1500 on the verbal, quantitative and analytical sections of the Graduate Record Examination (GRE) with minimum scores of 500 in each

- section. (the analytical section of the GRE now has a 6 point scoring system so these proposed numbers must be reviewed).
- A minimum score of 220 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL) for applicants whose native language is not English.
- Three letters of reference, two of which must be from faculty members.
- An essay which addresses the applicant's motivation and area of research interest.

Documents to be submitted for admission

The Office of the Graduate School at UNC Charlotte requires the following documents be submitted in the application package for each student:

- Two official transcripts from all colleges and universities attended
- Official GRE scores (verbal, quantitative and analytical)
- Official TOEFL scores if the student's native language is not English.
- The UNC Charlotte application for graduate admission form
- Three letters of reference
- The essay which addresses the applicant's motivation, prospective IES Ph.D. program focus area (IESD or ESS or IESM) and research issues of interest.

Degree requirements

The degree of Doctor of Philosophy in Infrastructure and Environmental systems is awarded for completion of scholarly research that advances the knowledge base in the field of that research. Evidence of this is demonstrated by a successful dissertation defense. In addition, recipients of the degree should demonstrate a mastery of relevant subject matter and a potential for success in research and teaching.

Total hours required

As summarized in Table 5, the IES Ph.D. program requires a minimum of 72 post baccalaureate (semester) credit hours (a minor in this program is not applicable). A master’s degree in an appropriate field, that is consistent with the admission requirements presented in Section III.B.1., may count up to 30 hours of transfer credit upon recommendation of the Program and upon approval by the Graduate School.

Table 5. IES doctoral program requirements.

	Minimum Credit Hrs. to Degree Required for Master’s Entrants	Minimum Credit Hrs. to Degree Required for Bachelor’s Entrants
IES Core	15 credit hrs.	15 credit hrs.
Core courses	9 credit hrs.	9 credit hrs.
Case Studies	3 credit hrs.	3 credit hrs.
Seminars	3 credit hrs.	3 credit hrs.
Specialized (Focus Area) Electives	9 credit hrs. ¹	15 credit hrs.
Directed Studies (additional courses / research)	0 credit hrs. ¹	24 credit hrs.
Dissertation Research	18 credit hrs.	18 credit hrs.
Total Credits Beyond Previous Degree	42 credit hrs. ¹	72 credit hrs.

¹ based on a maximum of 30 credit hours transferred from a master’s program. Less than 30

credit hours transferred will result in a higher number of credit hours required for graduation.

Graduate course requirements

All courses taken for credit in the program shall be graduate level courses (graduate students only), and the majority shall be at the Ph.D. level (Ph.D. students only). Core courses, case studies courses, and seminar courses designated IES 8XXX and all 8000-level focus area courses will be open only to Ph.D. students. All 6000-level courses available as specialized electives will be open only to graduate students (masters and Ph.D.).

Grades required

As specified by the UNC Charlotte Graduate School, letter grades will be used to scale the quality of each student's completed work as follows: 'A': Commendable (4.0); 'B': Satisfactory (3.0); 'C': Marginal (2.0); 'U': Unsatisfactory (1.0). Each student in the Ph.D. Program must maintain a minimum GPA of 3.0 in all coursework attempted for the degree. An accumulation of two "C" grades or one "U" grade will result in termination of a student's enrollment in the program. Dissertation credits will not be included in the calculation of a student's GPA.

Transfer credit accepted

Upon recommendation by the IES program committee and upon approval by the Graduate School, a certain number of courses in which a student achieved a minimum grade of 'B' will be accepted for transfer credit. The following transfer credit policy will apply:

- A maximum of 30 semester credit hours from a master's degree program in an appropriate field, that is consistent with the admission requirements stated earlier, may count toward the IES Ph.D. degree. This rule may apply whether the master's degree was earned or not. However no more than 6 hours taken when the student was in non-degree seeking status may be applied toward the doctoral degree.

Other requirements (e.g. residence, comprehensive exams, thesis, dissertation, clinical or field experience, "second major," etc.)

Student Advising

Upon acceptance into the Ph.D. Program, a student will be assigned an interim adviser by the Program Director. Within the first year in the Program, each student will select a permanent doctoral research adviser. This selection will be approved by the Program Director and Dean of the Graduate School. At any time a student may request a change in initial supervisor or research adviser. These requests will be submitted to the Program Director for consideration and action.

Details of this process and the responsibilities of each individual and group in terms of student advising are provided in Section VII of this proposal.

Plan of study

Students who enter the Ph.D. Program must prepare a plan of study before the end of fourth semester in the Program. The plan of study will propose a schedule for completion of all coursework by the student. Each plan will be approved by the program director and the student's doctoral committee.

Comprehensive (qualifying) examination and admission to candidacy

Each student must complete a qualifying examination. Students who enter the Ph.D. Program directly from a baccalaureate program generally will sit for this examination before the end of third post-baccalaureate year in the Program; students who enter from a master's degree program must sit for it before the end of their first year in the Program. To sit for this examination, a student must have completed 2 of the 3 required core courses, must have at least a 3.0 GPA, and must have removed all conditions upon admission.

The examination will be a written exam and will address issues covered by the core elements of the program, as well as any focus area material covered by the candidate up to that point. This exam will be developed and administered by each student's doctoral program committee. A student may attempt to pass the qualifying exam no more than twice. Failure a second time will result in termination of enrollment in the Ph.D. Program.

Admission to Candidacy

After passing the qualifying examination, a student can propose a dissertation topic. A student advances to candidacy after the dissertation topic has been approved by the student's doctoral committee. Candidacy must be achieved within 6 months before the degree is conferred.

Dissertation requirement

The IES doctoral program includes a minimum of 18 hours of dissertation credit. Each student must complete and defend a dissertation based on a research program approved by the student's doctoral adviser with concurrence by the IPC. The dissertation must be of high quality and represent an original piece of research that advances the body of knowledge in infrastructure and environmental systems. Oral presentation and successful defense of the dissertation before the student's advisory committee in a forum open to the public will be required. A copy of the student's dissertation will be made available to the graduate faculty of the program at least two weeks prior to the public defense. The dissertation must be written in a format acceptable to the Graduate School.

Language and research requirements

There is no language requirement in the IES Ph.D. degree. Research requirements in the IES Ph.D. Program are described in Section III.C.1.4.

Residency requirement

Each student must satisfy the residency requirement of the program by completing at least 16 credit hours in one period of 12 consecutive months during enrollment in the program.

Time limits for completion

No course listed on the candidacy form may be older than 8 years at the time of graduation. Courses that exceed this time limit must be revalidated or retaken, whichever the graduate program decides, if they are to count towards the degree program. Transfer credits beyond the baccalaureate degree that count toward the doctorate are not subject to the standard time limit to complete the degree.

New and existing courses in the program

In the course listings that follow, the following codes are used to explain the course numbering system for both new and existing courses.

- Each course listed carries a four-letter department or program prefix
- Courses at the 8000 level are for doctoral students only. The designation IES 8XXX is for IES-specific core courses and for other current or planned courses to be offered at the Ph.D. level as a part of the IES Ph.D. Program.
- All courses numbered at the 6000 level and offered for graduate students only (masters and Ph.D.).

Students in the IES Program are permitted to take courses numbered at the 6000 level (masters and Ph.D. students only), but they must take the majority of their courses at the 8000 level (Ph.D. students only). All students will be required to take courses in the core of the program (core courses, seminar courses, and case study course). The core will be comprised of new courses developed for the IES Ph.D. program, and these are listed and described below.

New courses (required courses are denoted with an (*))

- **For the IES Core**

- IES 8XX1(*) Environmental Systems Science and the Infrastructure (3 cr.)
- IES 8XX2(*) Infrastructure Design and Management of the Environment (3 cr.)
- IES 8XX3(*¹) Acquisition and Management of Scientific Data (3 cr.)
- IES 8XX4(*¹) Laws, Standards, Policies, and Regulations (3 cr.)
- IES 8XX5(*¹) Economic Principles in Infrastructure & Environmental Systems (3 cr.)
- IES 8XX6(*) IES Case Study Course (3 cr.)
- IES 8XX7(*) IES Seminar Series (3 cr.)

*¹ Students are required to take one of the three courses IES 8XX3, IES 8XX4,
and IES 8XX5

- IES 8XX0(*) Doctoral Independent Study and Project

- IES 8999(*) Doctoral Dissertation Research
- IES 9999 Doctoral Residency Requirement

Descriptions of these new courses are provided in the sections below.

IES Core (courses + case studies + seminars = 15 credits minimum)

The IES core will focus on basic and advanced level understanding of the principles of the infrastructure and environmental analysis, development, and management. Courses in this core will also emphasize environmental analysis and assessment and effects on the infrastructure as well as the development and management of the infrastructure and the impact on the environment. Throughout the core, students will study the configuration dynamics and operational issues relevant to the management of a variety of earth, civil, and industrial systems.

IES Ph.D. students will participate in interdisciplinary activities throughout their program of study. Students will begin with a set of interdisciplinary core courses that teaches them about fundamental aspects of the infrastructure and the environmental systems present in all applications of IES. These common aspects are reflected in the five (5) core courses described below. Then, at midpoint, students will participate in an interdisciplinary case-study course, and, finally, throughout the program, students will participate in interdisciplinary seminar courses.

IES core courses (9 credits minimum)

All students must take IES 8XX1 and IES 8XX2.

- IES 8XX1 Infrastructure and Environment I (3 credits)

Principles of energy and mass transport as applied to the atmosphere, hydrosphere, biosphere and earth systems and how these impact human activities and the infrastructure. Overview of emerging environmental issues and technologies in the areas of environmental impact and sustainability, industrial ecology, waste utilization, and infrastructural response. Topics include the human impacts of climactic variability; geologic instability; the water balance and atmospheric circulation at local and regional scales.

- IES 8XX2 Infrastructure and Environment II (3 credits)

Overview of urban infrastructural development. Sustainable design features for facilities including municipal, transit, industrial, agricultural, telecommunications, and waste management. Impact of infrastructure development on environmental management including storm water quality and quantity, soil and channel erosion, urban air quality, sprawl, and waste production, treatment, and storage.

Students must then take at least one course from IES 8XX3, IES 8XX4, and IES 8XX5 depending on the student's background and interests and the recommendations of the student's and doctoral committee. Student enrollment in the program during the first 4 years may not justify offering IES 8XX3, IES 8XX4, and IES 8XX5 every semester. Therefore, students may experience a limited selection amongst these three courses initially.

- IES 8XX3 Acquisition and Management of Scientific Data (3 credits)

The study of theories and techniques for acquiring and managing scientific data and information related to the analysis, design, and management of the infrastructure and the environment. Includes pertinent aspects of information technology, such as data mining and data architecture, and includes applications of GIS and non-destructive assessment technologies to data acquisition.

- IES 8XX4 Laws, Standards, Policies, and Regulations (3 credits)

The study of legal, political, and regulatory systems as they relate to the infrastructure and the environment. Includes local, state, national, and international codes and standards that govern the analysis, assessment, design, and management of infrastructure and environmental systems.

- IES 8XX5 Economic Principles in Infrastructure and Environmental Management

(3 credits)

The study of economic concepts that affect the decision-making process in the management of the infrastructure and the environment. Topics include market forces, taxation, budgets, finance, and public goods and their effects on the economic sustainability of the infrastructure and the environment. Students will take this class after satisfying their comprehensive examination requirement.

IES case study course (3 credits)

After completion of IES core courses, IES students, regardless of focus areas, will come together in an interdisciplinary case-study, capstone-oriented course examining the relationships between the infrastructure and the environment. Case studies will include examples that focus on the Charlotte urban region.

- IES 8XX6 Case Study Course

Students will work together on interdisciplinary teams to study relevant environmental and infrastructure problems presented through case studies. The intent of the course is to directly involve the students in ongoing urban community projects.

IES seminar courses (3 credits)

Throughout the program, IES students, regardless of focus areas, will come together in interdisciplinary seminar courses in which they will make presentations and lead discussions on topics related to their respective focus areas and critique presentations.

- IES 8XX7 Seminar Course

Each student will be required to actively participate in program seminars delivered by student researchers, faculty and invited speakers. These seminars will be advertised to the campus and professional communities. Participation in these seminars will count for 3 credit hours (1 credit hour for each academic year). Prior to graduation, each student will make at least one seminar presentation and provide at least one formal critique of a presentation in this course.

Independent Study (1 - 9 credits)

At any time during the IES program, and with approval by the student's doctoral program committee, a student may enroll in an independent study to pursue topics of interest to the student and the professor. The number of independent study credit hours taken each semester must be approved by the student's doctoral program committee. The total number of independent study hours taken during the Ph.D. program cannot exceed 9 credit hours applied towards the IES Ph.D. degree.

- IES 8XX0 Doctoral Independent Study and Project

Individual investigation and exposition of results. May be repeated for credit.

Dissertation (18 credits minimum)

After completion of the qualifying examination, each IES student will be eligible to enroll in doctoral dissertation research. The number of research credits taken each semester must be approved by the student's doctoral program committee.

- IES 8999 Doctoral Dissertation Research (1-9 credits)

Each student will initiate and conduct an individual investigation culminating in the preparation and presentation of a doctoral dissertation.

Doctoral Residence

Graduate residence credit should only be used rarely and if used, a student would only sign up once during his or her very last semester prior to graduation. If the student is working on the degree, he or she should sign up for the appropriate course.

- IES 9999 Doctoral Residence (1 credit)

Meets Graduate School requirement for continuous enrollment during final term prior to graduation when all course work has been completed.

Existing courses

Initially, the majority of the specialized elective courses taken in the focus areas or as directed studies courses will be selected from existing 6000-level graduate courses or from new 8000-level developed for the proposed program. A representative list of courses in each focus area is provided below. As elective courses, none of these courses will be required, but they will be selected by the student and his/her adviser and committee to satisfy the student's educational objectives. It is anticipated that over time as the program grows and new faculty members participate in the program, new elective courses will be developed and added to each focus area by the various departments involved.

Specialized (focus area) elective courses (15 credits minimum)

It is recognized that doctoral degree study requires advanced knowledge of issues, the breadth of which depends on the context and objectives of the academic program. Both the infrastructure and the environment involve broad and multi-faceted issues. The supporting courses (central core, case studies, and seminars) have been

designed to provide the student with broad-based understanding of such issues. Beyond the core, a student needs to support doctoral research with enrollment in particular courses related to his/her research. For this reason, 15 credit hours have been reserved for specialized electives. The objective of these specialized electives is to provide an opportunity for students, their advisers, and the doctoral program committee to select a complementary set of specialized courses intended to both focus and broaden the student's area of interest and research.

These courses will come from many fields and sub-fields of various academic departments of UNC Charlotte, and they could come from the two core courses not selected as a part of the core requirement. A few representative courses are listed below. These courses reflect the some of the interests and expertise of the supporting departments.

Specialized electives within the three focus areas described previously (IESD, IEES, IESM) are described below. Many courses listed are currently offered in various departments at the master's level, except for the Public Policy courses which are currently offered at the Ph.D. level. Each department offering or planning one of the courses listed below has agreed to support the IES Ph.D. Program with at least these courses. Upon approval by faculty governance, each course will be cross-listed at the Ph.D. (8000) level.

Focus Area 1: Infrastructure and Environmental Systems Design (IESD)

The design of infrastructure and environmental systems requires expertise in subject matter areas related to design methodologies including plan formulation, dimensioning of systems that could be structural and/or control systems, selection of material properties, and configuration of monitoring methodologies and approaches. Also, some basic knowledge of the functional requirements of the facilities concerned needs to be provided to the student. The following courses are examples that could be selected to provide students with adequate expertise on design elements of the IES doctoral program.

A representative list of courses to be offered in this focus area is shown below with the responsible department designated in parentheses.

- IES 8XXX Special Topics (in respective departments)
- IES 8XXX Shaping the American City (ARCH)
- IES 8XXX Appropriate Technology and Sustainable Design Methods (ARCH)
- IES 8XXX Transportation Systems Analysis (CEGR)
- IES 8XXX Soil Dynamics and Earthquake Engineering (CEGR)
- IES 8XXX Advanced Waste Containment Systems (CEGR)

- IES 8XXX Sustainable Environmental Systems (CEGR)
- IES 8XXX Optimization of Building Systems (CEGR)
- IES 8XXX Development of Codes and Standards (CEGR)
- IES 8XXX Engineering Systems Integration (EMGT)
- IES 8XXX Industrial Development (GEOG)
- IES 8XXX Site Planning and Development (GEOG)
- IES 8XXX Urban Planning (GEOG)

Focus Area 2: Infrastructure and Environmental Systems Science (IESS)

Successful development and operation of infrastructure, including methods and approaches to managing the associated environmental and socio-economic impacts require baseline information on the nature of the ambient environment spatially and temporally. This implies that the IES student who has been exposed to critical issues and techniques in the central core and is interested in environmental systems and their response to the operation of infrastructure needs to deepen his/her knowledge in the methods of physical, chemical and biological characterization of materials and other life support systems in the ecosystem. Particularly, the factors that affect the rates of change in such systems as affected by anthropogenic activities need to be addressed by majority of the courses selected by advisers for their students who express interest in this focus area. Consistent with the foregoing rationale, the following courses have been identified as examples of courses that are relevant to this focus area. It should be noted that scientific assessment cannot be completely divorced from policy formulation and appreciation of the basic approaches to design. For this reason, students will be encouraged to select courses in this focus area to extend his/her knowledge base in the breadth of issues that pertain to infrastructure and environmental systems.

A representative list of courses to be offered in this focus area is shown below with the responsible department designated in parentheses.

- IES 8XXX Special Topics (in respective departments)
- IES 8XXX Advanced Ecology (BIOL)
- IES 8XXX Microbiology (BIOL)
- IES 8XXX Air Quality Modeling (CEGR)
- IES 8XXX Water Quality Management and Modeling (CEGR)
- IES 8XXX Environmental Aquatic Chemistry (CEGR)

- IES 8XXX Advanced Analytical Chemistry (CHEM)
- IES 8XXX Advanced Energy and Environmental Economics (PPOL/ECON)
- IES 8XXX Designed Experimentation (EMGT)
- IES 8XXX Earth System Analysis: Biogeochemical Cycles (ESCI)
- IES 8XXX Hydrologic Processes (ESCI)
- IES 8XXX Environmental Site Characterization (ESCI)
- IES 8XXX Advanced Soil Science (GEOL)

Focus Area 3: Infrastructure and Environmental Systems Management (IESM)

To be able to efficiently and effectively plan and manage infrastructure system or environmental system operations, the IES students need to obtain, integrate, and utilize the knowledge in operations efficiency, effective policy development and deployment, legal issues and government regulations, intelligent support systems for decision making, effective environmental and/or socio-economic impact control measures, efficient systems project management, comprehensive evaluation of system performance, and smart systems implementation and management that includes the consideration of facility, people, policy, technology, economics, and procedures. The students who choose to focus in this area of IES will obtain the expertise in effective systems management and implementation in infrastructure system and/or environmental system areas and will work as senior managers and/or researchers in the above areas. The following courses are examples that could be selected to provide students with expertise on systems management that are relevant to infrastructure and environmental systems.

A representative list of courses to be offered in this focus area is shown below with the responsible department designated in parentheses.

- IES 8XXX Special Topics (in departments)
- IES 8XXX. Hazardous Waste Management (CEGR)
- IES 8XXX Urban Systems Engineering (CEGR)
- IES 8XXX Benefit-Cost Analysis (ECON)
- IES 8XXX Advanced Project Management (EMGT)
- IES 8XXX Legal Issues in Engineering Management (EMGT)

- IES 8XXX Engineering Systems Integration (EMGT)
- IES 8XXX Urban Planning: Theory and Practice (GEOG)
- IES 8XXX Economics of Decision-Making (MBAD)
- IES 8XXX Technology-Enhanced Decision Making (MBAD)
- IES 8XXX Organizational Leadership and Behavior I (MBAD)
- IES 8XXX Qualitative Methods in Public Policy (PPOL)
- IES 8XXX Advanced Program Evaluation (PPOL)

Directed Studies (24 credits minimum)

In recognition of varying backgrounds, preparation, interests, and goals, each student may complete additional credits through directed studies (courses, research, or individual study), with the consent of his/her adviser and doctoral committee. Within the directed studies category, and with the approval of his/her adviser and doctoral committee, a student may complete a maximum of 9 credits of independent study toward the Ph.D. degree

cc: Dr. Gerald Ingalls

Dr. Owen Furuseth

Dr. David Young

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: April 25, 2003

RE: Request to establish Optics Curriculum for M.S. and Ph.D Programs

The request to establish Optics Curriculum for M.S. and Ph.D Programs, was approved by the Graduate Council on March 5, 2003 and by Faculty Council on the April 10, 2003 Consent Calendar for immediate implementation.

New catalog copy

● **M.S. CORE CURRICULUM**

OPTI 6101. Mathematical Methods of Optical Science and Engineering. (3) Prerequisite: Admission to the Optics M.S. program. Topics include: matrix theory, series and Frobenius methods of solutions to ordinary differential equations, separation of variables techniques for partial differential equations, special functions, Fourier series, and transform methods. Topical coverage will emphasize applications specific to the field of optics. Three lecture hours per week. (Fall)

OPTI 6102. Principles of Geometrical and Physical Optics. (3) Prerequisite: Admission to the Optics M.S. program. Ray analysis of common optical elements (mirrors, lenses and systems of lenses, prisms). Reflection and refraction at plane and spherical surfaces, thin and thick lenses, lensmaker's equation, field of view, and numerical aperture. Wave properties of light, superposition of waves, diffraction, interference, polarization, and coherence. Optics of thin films. Three lecture hours per week. (Fall)

OPTI 6103. Light Sources and Detectors. (3) Prerequisite: Admission to the Optics M.S. program. The nature of light; blackbody radiation. Quantized energy levels, photons; emission and absorption of light. Light/matter interactions. Lasers, optical amplifiers, and optical resonators. Semiconductor photon sources, light-emitting diodes (LEDs), and quantum-well lasers. Continuous wave and pulsed (mode-locked, Q-switched) lasers. Selected solid-state laser systems. Light detection; thermal and quantum detectors, imaging (CCD) and non-imaging detectors; diode detectors. Noise in light sources and detectors. Electro-optic modulators, deflectors. Three lecture hours per week. (Spring)

OPTI 6104. Electromagnetic Waves. (3) Prerequisite: Admission to the Optics M.S. Program. Maxwell's equations, the electromagnetic wave equation, and electromagnetic wave functions. Waves in dielectric and conducting media, dispersion. Reflection, refraction, transmission, internal reflection, and evanescent waves at an interface. Intensity. Introduction to guided waves. Three lecture hours per week. (Fall)

OPTI 6105. Optical Properties of Materials. (3) Prerequisite: OPTI 6104. Photophysical and photochemical processes in materials. Linear and nonlinear optical properties of materials. Optical properties of semiconductors and crystals. Optical transmission, absorption, and reflection. Fluorescence of organic and inorganic materials. Chiral molecular systems. Three lecture hours per week. (Spring)

OPTI 6110. Seminar. (1) Prerequisite: Admission to Optics M.S. program. Topics include: discussion and analysis of topics of current interest in optics; effective techniques for making presentations and utilizing library materials; ethical issues in science and engineering. Attendance required. May be repeated for up to 2 hours credit. Two semesters of seminar required of all students in the Optics M.S. program. One to two hours of seminar per week. (Fall/Spring)

M.S. THESIS RESEARCH

OPTI 6991. Thesis Research. (1 – 3) Prerequisite: Admission to candidacy. Research for the thesis. May be repeated for a total of 12 credit hours. Graded Pass/Fail. (Fall/Spring/Summer)

OPTI 6999. Masters Residence. (1) Prerequisite: OPTI 6991. Required of all Optics M.S. students who have completed all requirements for the degree except the thesis defense and are taking no other courses. May be repeated for credit. Credit for this course does not count toward the degree. Graded Pass/Fail. (Fall/Spring/Summer)

APPROVED M.S. OPTICS ELECTIVES

OPTI 6000. Selected Topics in Optics. (3). Prerequisite: Consent of Optics Program Director. Selected topics in optics from areas such as medical optics, adaptive optics, all optical networks, etc. May be repeated for up to 6 hours of credit with consent of the Optics Program Director. (Fall/Spring/Summer)

OPTI 6205. Advanced Optical Materials. (3) Prerequisites: OPTI 6102, OPTI 6104, and OPTI 6105 or ECGR 6133/8133. Light scattering mechanisms, including Rayleigh, Raman, and Brillouin scattering. Nonlinear Optical behavior & Electro-optic effect. Luminescent materials including luminescent centers, photoluminescence, electroluminescence, chemiluminescence, bioluminescence. Photochromic and photorefractive materials. Semiconductor quantum dots and quantum wells. Photonic crystals. Physical properties of optical materials including refractive and diffractive optics, optical windows and coatings, long-term stability of EMO materials. Three lecture hours per week. (Fall, Odd Years)

OPTI 6211. Introduction to Modern Optics. (3) Prerequisites: OPTI 6102, 6103, and 6104. Propagation of rays, and beams in free-space, Polarization and crystal optics, Wave-guides and fiber optics, Nonlinear optics, Brillouin and Raman scattering, Acousto-optics, and SAW device, Photonic switching, Integrated optics and devices, micro-optics and passive device, Optical filters and selected fiber-optics components. Three lecture hours per week. (Fall, Odd Years)

OPTI 6212. Integrated Photonics. (3) Prerequisite: OPTI 6211. This course is a study of basic operating principles and fabrication techniques for optical waveguides and integrated photonics.

The following topics will be addressed: optoelectronic materials growth and processing, photonic devices and circuits, and integration techniques for multifunctional sub-assemblies. Three lecture hours per week. (Spring, Even Years)

OPTI 6221. Optical Communications. (3) Prerequisites: OPTI 6102 and OPTI 6103. Introduction to optical communications and basic communication block such as lasers, optical modulators, and optical transceivers. Review of fibers (attenuation, dispersions, etc.). Optical amplifiers. Passive and active photonic components such as tunable lasers and filters. Coherent and incoherent detection. Signal processing, photonic switching, and point-to-point links / connections. Three lecture hours per week. (Spring, Even Years)

OPTI 6222. Optical Communication Networks. (3) Prerequisite: OPTI 6221 or graduate standing in ECE, CS, or IT. Optical signal coding, multiplexing and de-multiplexing. Time-domain medium access (TDM (SONET) and TDMA), wavelength-division multiplexing (WDM and WDMA). Optical networks, add-drop multiplexing (OADM), switching and routing technologies, Dispersion management. Optical clock and timing recovery. Optical amplification, wavelength conversion, transport, and networking protocols. Broadband ISDN concepts. Access, metro, and long-haul network topologies. Three lecture hours per week. (Fall, Even Years)

OPTI 6241. Optical System Function and Design. (3) Prerequisite: OPTI 6102. Advanced study of telescopes, microscopes, cameras, off-axis imaging systems, stops, apertures, multiple lenses, use and selection of ray trace computer codes. Three lecture hours per week. (Spring, Even Years)

OPTI 6242. Optical Propagation in Inhomogeneous Media. (3) Prerequisites: OPTI 6102 and OPTI 6104. Advanced study of free space propagation, scattering, and scintillation of Gaussian and uniform beam waves. Random processes, weak fluctuation theory, propagation through complex paraxial optical systems. Three lecture hours per week. (Fall, Even Years)

OPTI 6244. High Speed Photonics and Optical Instrumentation. (3) Prerequisites: OPTI 6103 and OPTI 6104. Study of instrumentation used for generation, detection, and manipulation of light in optical circuits. Topics include ultrashort pulse generation, photon-phonon interactions, 2nd & 3rd harmonic generation, squeezed light, optical tweezers, OPO, electro-optic modulators, selective

polarizers, optical switches, amplifiers, multiplexing and mixing schemes, and application of CCD and CMOS cameras and detectors. Three lecture hours per week. (Spring, Odd Years)

OPTI 6261. Modern Coherence Theory. (3) Prerequisites: OPTI 6102 and OPTI 6104. Stochastic processes. Second order coherence of scalar and vector wavefields, radiation and states of coherence. Quantum wavefields. Three lecture hours per week. (Fall, Odd Years)

OPTI 6271. Advanced Physical Optics (3) Prerequisite: OPTI 6101, OPTI 6102, and OPTI 6104. Advanced study of electromagnetic wave propagation, stratified media, physics of geometrical optics, polarization and crystal optics, absorption and dispersion, interference, propagation and diffraction. Three lecture hours per week. (Spring, Odd Years)

OPTI 6281. Modern Optics Laboratory. (3) Prerequisite: OPTI 6102. Selected experiments in areas of modern optics such as fiber optics, interferometry, spectroscopy, polarization, optical metrology, and holography. Six laboratory hours per week. (Spring, Even Years)

OPTI 6691. Research Seminar. (1 - 3) Prerequisite: Consent of student's Advisory Committee. A seminar in which independent study may be pursued by the student, or a group of students, under the direction of a professor. May be repeated for up to a maximum of 6 credit hours. (Fall/Spring/Summer)

PH.D. CORE CURRICULUM

OPTI 8101. Mathematical Methods of Optical Science and Engineering. (3) Prerequisite: Admission to the Optics Ph.D. program. See OPTI 6101 for Course Description.

OPTI 8102. Principles of Geometrical and Physical Optics. (3) Prerequisite: Admission to the Optics Ph.D. program. See OPTI 6102 for Course Description.

OPTI 8103. Light Sources and Detectors. (3) Prerequisite: Admission to the Optics Ph.D. program. See OPTI 6103 for Course Description.

OPTI 8104. Electromagnetic Waves. (3) Prerequisite: Admission to the Optics Ph.D. program. See OPTI 6104 for Course Description.

OPTI 8105. Optical Properties of Materials. (3) Prerequisite: Admission to the Optics Ph.D. program. See OPTI 6105 for Course Description.

OPTI 8110. Seminar. (1) Prerequisite: Admission to Optics Ph.D. program. Topics include: discussion and analysis of topics of current interest in optics; effective techniques for making presentations and utilizing library materials; ethical issues in science and engineering. Attendance required. May be repeated for up to 3 hours credit. Three semesters of seminar required of students in the Optics Ph.D. program during the first two years of residence. One to two hours of seminar per week. (Fall/Spring)

PH.D. DISSERTATION

OPTI 8991. Dissertation Research. (1 – 3) Prerequisite: Admission to candidacy. Research for the dissertation. May be repeated for a total of 30 credit hours. Graded Pass/Fail. (Fall/Spring/Summer)

OPTI 8999. Doctoral Residence. (1) Prerequisite: OPTI 8991. Required of all Optics Ph.D. students who have completed all requirements for the degree except the thesis defense and are taking no other courses. May be repeated for credit. Credit for this course does not count toward the degree. Graded Pass/Fail. (Fall/Spring/Summer)

APPROVED PH.D. OPTICS ELECTIVES

OPTI 8000. Selected Topics in Optics. (3) Prerequisite: Consent of Optics Program Director. See OPTI 6000 for Course Description.

OPTI 8205. Advanced Optical Materials. (3) Prerequisites: OPTI 8102, OPTI 8104, and OPTI 8105 or ECGR 6133/8133. See OPTI 6205 for Course Description.

OPTI 8211. Introduction to Modern Optics. (3) Prerequisites: OPTI 8102, OPTI 8103, and OPTI 8104. See OPTI 6211 for Course Description.

OPTI 8212. Integrated Photonics. (3) Prerequisites: OPTI 8211 or ECGR 4125.

See OPTI 6212 for Course Description.

OPTI 8221. Optical Communications. (3) Prerequisites: OPTI 8102 and OPTI 8103. See OPTI 6221 for Course Description.

OPTI 8222. Optical Communication Networks. (3) Prerequisite: OPTI 8221. See OPTI 6222 for Course Description.

OPTI 8241. Optical System Function and Design. (3) Prerequisite: OPTI 8102. See OPTI 6241 for Course Description.

OPTI 8242. Optical Propagation in Inhomogeneous Media. (3) Prerequisites: OPTI 8102 and OPTI 8104. See OPTI 6242 for Course Description.

OPTICS 8244. High Speed Photonics and Optical Instrumentation. (3) Prerequisite: OPTI 8103 and OPTI 8104. See OPTI 6244 for Course Description.

OPTI 8261. Modern Coherence Theory. (3) Prerequisite: OPTI 8102 and OPTI 8104. See OPTI 6261 for Course Description.

OPTI 8271. Advanced Physical Optics (3) Prerequisite: OPTI 8101, OPTI 8102, and OPTI 8104. See OPTI 6271 for Course Description.

OPTI 8281. Modern Optics Laboratory. (3) Prerequisite: OPTI 8102. See OPTI 6281 for Course Description.

OPTI 8691. Research Seminar. (1 - 3) Prerequisite: Consent of Optics Program Director. See OPTI 6691 for Course Description.

cc: Dr. Gerald Ingalls

Dr. Faramarz Farahi

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: April 25, 2003

RE: Request to establish GEOG 5240: Geography of Knowledge and Information

The request to establish GEOG 5240: Geography of Knowledge and Information was approved by the Graduate Council on April 7, 2003 and by Faculty Council on the April 10, 2003 Consent Calendar for immediate implementation.

New catalog copy

GEOG 5240. Geography of Knowledge and Information. (3)

Examination of the factors that influence the location of economic activities in the information age. Discussions and lectures explore the geographic aspects of the transition away from manufacturing to information processing as the primary mode of production. The transition is examined in terms of technology development, urban and regional development, information flows and the location of quaternary industry. *(Fall, On Demand)*

cc: Dr. Gerald Ingalls

Dr. Owen Furuseth

Dr. Bill Graves

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

Dean Sue Bishop

College of Health & Human Services

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: April 25, 2003

RE: Request to establish SOCY 6635/SOWK 6635: The Social Context of Mental Health

The request to establish SOCY 6635/SOWK 6635: The Social Context of Mental Health was approved by the Graduate Council on April 8, 2003 and by Faculty Council on the April 10, 2003 Consent Calendar for immediate implementation.

New catalog copy

SOCY 6635/SOWK 6635. The Social Context of Mental Health. (3)

Prerequisite: Admission to graduate program or consent of instructor. This course draws upon contributions from the fields of psychiatry, psychology, social work, and anthropology. The focus is on mental health and illness in its social context, with an emphasis on the relationship between social structure and mental health/disorder. We will examine the social factors which shape psychiatric diagnosis, the effects of socio-demographic variables on mental health, and the role of social support and stress for different groups. The course also examines the organization, delivery, and evaluation of mental health services, and mental health care policy. *(Every other year)*

cc: Dr. Gerald Ingalls

Dr. Charles Brody

Dr. Philip Popple
Dr. Teresa Scheid

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: April 11, 2003

RE: Request to establish new undergraduate course, MUSC 4900: Senior Project

The request to establish a new undergraduate course, MUSC 4900: Senior Project was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 3, 2003 for immediate implementation.

New catalog copy:

MUSC 4900. Senior Project. (3)

Prerequisite: pass all portions of the Sophomore Screening examination and have permission of the chairperson. The project can consist of written historical, theoretical, technological research; original compositions recorded, performed or a lecture supported by written original research and documentation. *(Fall, Spring)*

cc: Dr. Richard Lejk

Dr. Royce Lumpkin

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: April 11, 2003

RE: Request to establish a new course: HIST 3179. Authoritarianism in Latin America

The request to establish a new course: HIST 3179. Authoritarianism in Latin America, was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 9, 2003 for immediate implementation.

New catalog copy

HIST 3179. Authoritarianism in Latin America. (3)

A study of authoritarian rule and popular resistance to authoritarianism in one or more selected Latin American countries, including, but not limited to, Argentina, Brazil, and Chile. May be repeated for credit as topics vary. (*Alternate Years*)

cc: Dr. Richard Lejk

Dr. John Smail

Dr. Jurgen Buchenau

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: April 11, 2003

RE: Request to establish a new course POLS 3155: Latin American Political Economy

The request to establish a new course: POLS 3155: Latin American Political Economy, was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 9, 2003 for immediate implementation.

New catalog copy

POLS 3155. Latin American Political Economy

Intersections of politics and economics in Latin America, focusing on the efforts to foster economic development in the region. Emphasis on post-World War II era. Includes issues such as debt management, dependency theory, impact of free market theories, and the power of labor movements. *(Yearly)*

cc: Dr. Richard Lejk

Dr. Ted Arrington

Dr. Gregory Weeks

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: April 21, 2003

RE: Request to establish ANTH 4616: Culture and Conflict in the Amazon

The request to establish ANTH 4616: Culture and Conflict in the Amazon

was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 4, 2003 for immediate implementation.

New catalog copy:

ANTH 4616. Culture and Conflict in the Amazon. (3)

Prerequisite: None. This course examines the development strategies Brazil has used in the Amazon and explores how these policies have affected both the environment and the various populations living in the Amazon. Topics covered include environmental degradation, human rights abuses, culture change, migration, and globalization. (*On Demand*)

cc: Dr. Richard Lejk

Dr. Charles Brody

Dr. Coral Wayland

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders
Director of Assessment and Faculty Governance

DATE: April 21, 2003

RE: Request to delete courses from the catalog: ENGL 4133, ENGL 4210, ENGL 4251, ENGL 4252

The request to delete courses from the catalog: ENGL 4133, ENGL 4210, ENGL 4251, ENGL 4252 was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 10, 2003 for immediate implementation.

New catalog copy

Remove from the catalog:

ENGL 4133: British Drama of Wit and Intrigue

ENGL 4210: Greek and Roman Drama in Translation

ENGL 4251: Literary Criticism through Arnold

ENGL 4252: Modern Literary Criticism

Change ENGL 4152 to FORL 4152. (catalog copy remains the same as for ENGL 4152)

cc: Dr. Cy Knoblauch

Dr. Malin Pereira

Dr. Martha Miller

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Sanders

Director of Assessment and Faculty Governance

DATE: April 21, 2003

RE: Request to establish FORL 4690: Senior Seminar and add it to the French, German, and Spanish majors.

The request to establish FORL 4690: Senior Seminar and add to the French, German, and Spanish majors was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 17, 2003 for immediate implementation.

New catalog copy

FORL 4690. Senior Seminar. (1)

Prerequisites: four or more courses at the 3000 or 4000 level in the major or permission of the Department. Survey of career options for foreign language majors, directed professional development (preparation of resume and portfolio), and completion of departmental required assessments in the areas of speaking, reading, writing, grammar, and content knowledge of the major. The class is offered only on a pass/no credit basis. *(Fall, Spring)*

cc: Dr. Ann Gonzalez

Dr. Martha Miller

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: April 11, 2003

RE: Request for clarification to prerequisite for ARTC 3175

The request for clarification to prerequisite for ARTC 3175 was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 3, 2003 for immediate implementation.

New catalog copy (changes in red)

ARTC 3175. Ceramic Studio III. (3)

Prerequisite: ARTC 2175, **or** 2176, **or** 2275, or consent of instructor. Intermediate development of skills and concepts. More advanced materials and firing techniques. Six hours. *(Fall, Spring)*

cc: Dr. Richard Lejk

Ms. Malena Bergmann

Mr. Roy Strassberg

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Mary Lynne Calhoun

College of Education

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: April 11, 2003

RE: Request to change course numbers of undergraduate MDSK courses

The request to change course numbers of undergraduate MDSK courses was approved by the Chair of the Undergraduate Course and Curriculum Committee on April 1, 2003 for immediate implementation.

New catalog copy

- **Change MDLG 3430:** Student Teaching/Seminar: 6-9 Middle Grades to: **MDLG 4430: Student Teaching/Seminar: 6-9 Middle Grades**

- **Change SECD 3441:** Student Teaching/Seminar: 9-12 Secondary Science to: **SECD 4441:** Student Teaching/Seminar: 9-12 Secondary Science

- **Change SECD 3442:** Student Teaching/Seminar: 9-12 Secondary Mathematics to: **SECD 4442:** Student Teaching/Seminar: 9-12 Secondary Mathematics

- **Change SECD 3443:** Student Teaching/Seminar: 9-12 Secondary Social Studies to: **SECD 4443:** Student Teaching/Seminar: 9-12 Secondary Social Studies

- **Change SECD 3444:** Student Teaching/Seminar: 9-12 Secondary English to: **SECD 4444:** Student Teaching/Seminar: 9-12 Secondary English

cc: Dr. Jeanneine Jones
Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: April 11, 2003

RE: Request for change in course credit hours for GEOL 5145 & GEOL 5145L

The request for change in course credit hours for GEOL 5145 & GEOL 5145L by combining the lecture with the laboratory portion to create a single 4 credit course was approved by the Chair of the Graduate Council on March 26, 2003 for immediate implementation.

New catalog copy

GEOL 5145. Fundamentals of Hydrogeology. (4)

Prerequisites: GEOL 1200, MATH 1241, CHEM 1251 or consent of instructor. Fundamentals of groundwater hydrology. Principles of flow and transport in groundwater aquifers and the vadose zone. Topics include: Storage, compressibility, capillarity, Darcy's law, aquifer parameters, steady and transient flow equations, well hydraulics, geological controls on groundwater flow, and transport of non-reactive chemical species by advection, diffusion and dispersion in porous media, together with applied problems. Three hours of lecture, and three hours of lab per week with occasional field trips. *(Fall)*

cc: Dr. Richard Lejk

Dr. Owen Furuseth

Dr. Mark Thomasson

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Mirsad Hadzikadic

College of Information Technology

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: April 11, 2003

RE: Request to establish ITCS 3170: Applied Scientific Computing

The request to establish 3170: Applied Scientific Computing was approved by the Chair of the Undergraduate Course and Curriculum Committee March 27, 2003 for immediate implementation.

[New catalog copy](#)

ITCS 3170. Applied Scientific Computing. (3)

Prerequisites: MATH 2164 or its equivalent. Topics include: Concepts of continuous and discrete signals; continuous Fourier transform and its applications in multimedia processing; discrete Fourier transform and its applications in arts and multimedia processing; fundamentals of stochastic systems; fundamentals of ordinary differential equations; applications of differential equations in modeling; wavelet transform and its applications in music and multimedia processing; fundamentals of fractals and their application in arts and science; classification and clustering. *(On Demand)*

cc: Dr. Rick Lejk

Dr. Larry Hodges

Dr. Mike Allen

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: April 11, 2003

RE: Request for new Printmaking & Drawing Concentration

The request for Printmaking & Drawing Concentration approved by the Chair of the Undergraduate Course and Curriculum Committee on March 27, 2003 for immediate implementation.

New catalog copy (changes in red)

- **Item #1**

Eliminate ARTD 3035 Topics in Drawing, ARTD 3136 Figure Drawing III, ARTD 3137 Figure Drawing IV, ARTD 3138 Drawing III, ARTD 3139 Drawing IV, and ARTR 3168 Intermediate Print.

- **Item #2**

List Printmaking and Drawing course descriptions in the same section of the catalog course listings, under the new heading **“Printmaking and Drawing.”**

- **Item #3**

Insert the word “contact” before the number of contact hours listed at the end of each course description in this proposal package. This is the only change to the following:

ARTD 2139. Drawing II. (3)

Prerequisite: ARTB 1203 or consent of instructor. Further development of perceptual skills with emphasis on conceptual issues; exploration of subject matter, meaning and content, and thematic development in a variety of black and white and color materials. Six contact hours. (*Spring*)

ARTR 2161 Lithography I. (3)

Prerequisites: ARTB 1201 and 1203 or consent of the instructor. Introduction to lithographic pencils, crayons and tusche washes. Basic theory and techniques for hand printing black and white lithographs from stones and plates. Particularly suited to developing drawing skills. Six contact hours. (*Fall*)

ARTR 2162. Etching & Woodcut I. (3)

Prerequisites: ARTB 1201 and 1203 or consent of the instructor. Introduction to intaglio techniques of etching, aquainting, and drypoint, and to relief techniques of woodcut, linocut, and inkless embossing. Emphasis on personal imagery along with the expressive potential of the media. Six contact hours. (*Spring*)

ARTR 2163. Silkscreen I. (3)

Prerequisites: ARTS 1201 and 1203 or consent of instructor. Introduction to silkscreen techniques of paper stencil, drawing fluid blockout, crayon, tusche and glue method, and photo emulsion. Emphasis on personal imagery along with the expressive potential of the media. Six contact hours. (*Fall, Spring*)

- **Item #4**

Change the title of ARTD 2137 Figure Drawing II to:

ARTD 2137. Figure and Anatomy. (3)

Prerequisite: ARTB 1205 or consent of instructor. Emphasizes **the study of anatomy as it pertains to drawing**. Complex **drawing** problems in a variety of media. Six contact hours. (*Fall, Spring*)

- **Item #5**

Change the title of ARTR 3061 Topics in Printmaking to:

ARTR 3061. Topics in Print and Drawing. (1-3)

Special topics in printmaking **and/or drawing**. May be repeated for credit with change in topic. (*On Demand*)

- **Item #6**

Change the title of ARTR 3169 Intermediate Print II to:

ARTR 3169. Intermediate Print & Drawing. (3)

Prerequisite: ARTR 3167 *or consent of instructor*. Further exploration and development of image-making techniques and skills in any or combined areas of printmaking *and drawing*. Special emphasis on artistic themes. Six *contact* hours. (*Fall, Spring*)

- **Item #7**

Change the titles and course numbering of ARTR 3261 and 3262 Print Projects I and II to:

ARTR 4261. Print and Drawing Projects I. (3)

Prerequisite: ARTR 3169 *or consent of instructor*. Development of advanced skills in any or combined printmaking *and/or drawing* techniques. Emphasis on the development of individual concepts, themes and printmaking portfolios. Six *contact* hours. (*Fall, Spring*)

ARTR 4262. Print and Drawing Projects II. (3)

Prerequisite: ARTR 3261 *or consent of instructor*. Continuation of ARTR 3261 *culminating in a public exhibition of a body of original art work*. *Six contact hours*. May be repeated for credit *without the exhibition*. (*Fall, Spring*)

- **Item #8 (See Item #2)**

New format for Printmaking & Drawing Concentration:

BFA

3 – 2000 level Printmaking and/or Drawing classes.....	9
ARTR 3167 – Mixed Media Works on Paper.....	3
ARTR 3169 – Intermediate Print and Drawing.....	3
ARTR 4261 – Print and Drawing Projects I.....	3
ARTR 4262 - Print & Drawing Projects II.....	<u>3</u>

Total..... 21

cc: Dr. Richard Lejk

Ms. Susan Brenner
Ms. Heather Hoover

Mr. Roy Strassberg

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: April 10, 2003

RE: Request to approve DANC 3467 and THEA 3467 for the "O" designation

The request to approve DANC 3467 (Student Teaching/Seminar – Fine and Performing Arts: Dance) and THEA 3467 (Student Teaching/Seminar – Fine and Performing Arts: Theatre) for the "O" designation was approved by the Associate Dean for General Education (Dr. Mark West) and the Interim Associate Provost (Dr. Bill Hill) on April 9, 2003. It is approved for immediate implementation.

cc: Dr. Richard Lejk

Dr. Mark West

Dr. Bruce Auerbach

Prof. Pamela Sofras

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: April 8, 2003

RE: Establish ESCI 7999: Master's Degree Graduate Residence

The request to establish ESCI 7999: Master's Degree Graduate Residence was approved by the Chair of the Graduate Council on February 25, 2003 for immediate implementation.

[New catalog copy](#)

ESCI 7999. Master's Degree Graduate Residence. (1)

Permission needed from department.

cc: Dr. Gerald Ingalls

Dr. Owen Furuseth

Dr. John Bender

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: March 24, 2003

RE: Request for change in catalog copy for in ART classes

The request for change in catalog copy for in ART classes was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 21, 2003 for immediate implementation.

New catalog copy (changes in blue):

Change ARTM 3104 to ARTZ 2104.

ARTZ 2104. Installation Art (3)

Prerequisites: ARTB 1201 and 1202. Techniques and methods of creating installation art, from the generation of initial ideas, to experimentation, mockups, and final assembly. Emphasis on the historical and creative issues surrounding the nature and definition of installation art. **May be repeated one time for credit. (On Demand)**

ARTA 3101. Art Writing. (3) (W)

Prerequisite: Consent of instructor for non-majors. Priority for ART and Architecture majors. Intensive writing experience in the forms of writing commonly employed in the visual arts: criticism, journalism, historical research, personal essay. **(On Demand) (Crosslisted with JOUR 3050)**

cc: Dr. Richard Lejk

Ms. Malena Bergmann

Mr. Roy Strassberg

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: March 26, 2003

RE: Request for change in catalog copy for in ARTP 3932

The request for change in catalog copy for in ARTP 3932 was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 17, 2003 for immediate implementation.

New catalog copy (changes in blue):

ARTP 3932. Painting Projects II. (6)

Prerequisite: ARTP 3931. Continuation of ARTP 3931 and presentation of Senior Exhibition of a body of original art work. Six hours. *(Fall, Spring)*

cc: Dr. Richard Lejk

Mr. Rod MacKillop

Mr. Roy Strassberg

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: March 26, 2003

RE: Request for change in catalog copy for ARTC 2275

The request for change in catalog copy for ARTC 2275 was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 17, 2003 for immediate implementation.

[New catalog copy \(changes in blue\):](#)

ARTC 2275. Ceramic Sculpture. (3)

Prerequisite: ARTC 2175 or consent of instructor.

(The rest of the catalog copy should remain the same.)

cc: Dr. Richard Lejk

Ms. Malena Bergmann

Mr. Roy Strassberg

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: March 26, 2003

RE: Request to delete ARTA 1111 (Art Appreciation)

The request to delete ARTA 1111 (Art Appreciation) was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 17, 2003 for immediate implementation. This course will be replaced by the new Liberal Studies: Visual Art class, and will not be listed within this department.

cc: Dr. Richard Lejk

Ms. Malena Bergmann

Mr. Roy Strassberg

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: March 26, 2003

RE: Request for change in course credit hours for GEOL 4145 & GEOL 4145L

The request for change in course credit hours for GEOL 4145 & GEOL 4145L by combining the lecture with the laboratory portion to create a single 4 credit course was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 20, 2003 for immediate implementation.

New catalog copy

GEOL 4145. Fundamentals of Hydrogeology. (4)

Prerequisites: GEOL 1200, MATH 1241, CHEM 1251 or consent of instructor. Fundamentals of groundwater hydrology. Principles of flow and transport in groundwater aquifers and the vadose zone. Topics include: Storage, compressibility, capillarity, Darcy's law, aquifer parameters, steady and transient flow equations, well hydraulics, geological controls on groundwater flow, and transport of non-reactive chemical species by advection, diffusion and dispersion in porous media, together with applied problems. Three hours of lecture, and three hours of lab per week with occasional field trips. *(Fall)*

cc: Dr. Richard Lejk

Dr. Owen Furuseth

Dr. Mark Thomasson

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: March 26, 2003

RE: Request to establish a new course: HIST 3300. World History for Teachers

The request to establish a new course: HIST 3300. World History for Teachers ,was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 17, 2003 for immediate implementation.

New catalog copy

HIST 3300. World History for Teachers. (3)

This seminar style course enables aspiring history teachers to acquire an advanced command of World History and the ability to teach this subject using a variety of innovative teaching techniques. Students

will conduct in-depth topics studies, develop concrete implementation models, and assessment methods for middle and high school classroom use. *(Fall)*

cc: Dr. Richard Lejk

Dr. John Smail

Dr. Oscar Larsen

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: March 24, 2003

RE: Request for change in catalog copy for in ART classes

The request for change in catalog copy for in ART classes was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 17, 2003 for immediate implementation.

New catalog copy (changes in red):

ARTB 1206. Concepts and Technology (3)

Theory and studio course, split into three sections, designed to explore visual literacy using basic photography and electronic techniques. Theory section will address the production and consumption of meaning related to cultural artifacts, including but not limited to traditional visual art, media images, text and fashion. Six hours. (*Fall, Spring*)

ARTE 3122. Art Education Methods II (K-12) (3)

Prerequisite: ARTE 3121, receipt of passing Praxis 1 scores, admission to the Art Teacher Education program, 2.5 or higher GPA, earned grade of "B" or better in ARTE 3121, earned grade of "C" or better in EDUC 2100 and SPED 2100. Development of objectives for art education based on personal and historical references, philosophy, and psychology. Relationship of the arts and artists to contemporary society. Curriculum design and classroom management. Six hours. (*Fall, Spring*)

Change ARTE 3021 to ARTE 4021.

ARTE 4021. Topics in Art Education. (1-3)

Special topics in art education. May be repeated once for credit with change in topic. (*On Demand*)

ARTM 3103. Animation and Interactivity. (3)

Prerequisites: ARTM 2105 or consent of instructor. Emphasis on the tools, techniques, and software used in the creation of multimedia and animation, especially media creation for the Internet and CD-ROM. *(Fall, Spring)*

Delete ARTA 3111 (Ancient Art) from the curriculum.

ARTA 2202. 2D BFA Portfolio Review. (1)

Prerequisites: ARTA 1211, ARTA 1212, ARTB 1201, ARTB 1202, ARTB 1203, **ARTB 1205**, ARTB 1206, and at least three hours in proposed concentration. Covers topics related to preparing a professional portfolio, including editing, sequence, and presentation. Exploration of methods used to document artwork. Requires presentation of a portfolio for admission into BFA program for students seeking to concentrate in Drawing, Painting, Printmaking, or Time Arts. Pass/No Credit *(Fall, Spring)*

ARTA 2201. Graphic Design and Illustration BFA Portfolio Review. (1)

Prerequisites: ARTA 1211, ARTA 1212, ARTB 1201, ARTB 1202, ARTB 1203, **ARTB 1205**, ARTB 1206, and at least three hours in proposed concentration. Covers topics related to preparing a professional portfolio, including editing, sequence, and presentation. Exploration of methods used to document artwork. Requires presentation of a portfolio for admission into BFA program for students seeking to concentrate in Graphic Design or Illustration. Pass/No Credit *(Fall, Spring)*

ARTA 3112. Pre-Columbian Art. (3)

Survey of the arts and architecture of the Americas before European contact in the 16th century. Special emphasis on the interactions of religion, social systems, and the arts as well as identification of ethnic styles of art. Discussions of readings, lectures, slides, and video tapes. Essay exams. *(On Demand)*

ARTA 3400. Internship in the Arts. (3)

Prerequisite: Consent of sponsor and instructor. Non-salaried opportunity for students to observe, examine, and participate in the creative dynamics and procedural operation of an art organization, arts related business, professional artist's studio, or expert craftworker. Sponsor supervised. Six to twelve hours per week. Repeat for credit with different sponsors. (Pass/No Credit grade for evaluation) *(Fall, Spring, Summer)*

ARTA 3402. Gallery Internship. (3)

Participation in all phases of exhibition selection, preparation, and presentation in four campus galleries under supervision of campus galleries coordinator. An average of eight hours per week for a total of 120 hours. **May be repeated one time for credit.** *(Fall, Spring)*

ARTA 3600. Senior Seminar. (3) (W) (O)

Prerequisite: Art majors **in either of final two semesters in art program.** Seminar and intensive writing experience explores a variety of general issues in contemporary art with an emphasis on career questions faced by graduating seniors. *(Fall, Spring)*

ARTC 2275. Ceramic Sculpture. (3)

Prerequisites: ARTC 2175 or consent of instructor. **Intermediate** studio emphasizing sculptural techniques, concepts, design, and content. Six hours. *(On Demand)*

ARTA 2113. Art of Indigenous Peoples. (3)

Survey of Pre-Colombian and Native American, Africa, and Oceania art with special emphasis on the art as the illustration of religious, philosophical, and political ideas. Discussion of readings, lectures, slides, and video tapes. Essay exams. *(On Demand)*

ARTC 2276. Ceramics Wheel II. (3)

Prerequisites: ARTC 2176 or consent of instructor. Continuation of ARTC 2176 emphasizing development of skills, materials, firing techniques, design concepts, and content issues. Six hours. (Fall, Spring)

ARTC 3276. Ceramics Studio VI. (3)

Prerequisite: ARTC 3275 or consent of instructor. Continuation of ARTC 3275. Six contact hours. (Fall, Spring)

cc: Dr. Richard Lejk

Ms. Malena Bergmann

Mr. Roy Strassberg

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: March 13, 2003

RE: Request to add the “W” designation to HIST 3799.

The request to add the “W” designation to HIST 3799 (History’s Honors Thesis) was approved by the Associate Dean for General Education (Dr. Mark West) and the Interim Associate Provost (Dr. Bill Hill) on March 12, 2003. It is approved for immediate implementation.

cc: Dr. Richard Lejk

Dr. Mark West

Dr. John Smail

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

NOTE: CORRECTION IN RED (3/12/03)

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: December 4, 2002

RE: Request to change the course descriptions and titles in the undergraduate sculpture courses.

The request to change the course descriptions and titles in the undergraduate sculpture courses was approved by the Chair of the Undergraduate Course and Curriculum Committee on November 26, 2002. It is approved for immediate implementation.

Catalog Copy:

ARTZ 3241. Sculpture III. (3)

Prerequisites: ARTC 2175 and **ARTZ** 3141 or consent of instructor. Continued exploration of three-dimensional forms and concepts using a combination of media. Introduction of basic forming processes and techniques for plastics and advanced metal-fabrication techniques with continued emphasis on mixed-media approach to sculpture making. Six hours. (*Fall, Spring*)

ARTZ 3242. Sculpture IV. (3)

Prerequisite: ARTZ 3241 or consent of instructor. Continued exploration of three-dimensional forms and concepts particularly as related to large scale public structure. Six hours. (*Fall, Spring*)

ARTZ 3941. Sculpture Projects I. (6)

Prerequisite: ARTZ 3242 or consent of instructor. Exploration of individual directions in sculpture and preparation for Senior Exhibition. Six hours. (*Fall, Spring*)

ARTZ 3942. Sculpture Projects II. (6)

Prerequisite: ARTZ 3941 or consent of instructor. Continued exploration of individual directions in sculpture and presentation of Senior Exhibition. Six hours. (*Fall, Spring*)

cc: Dr. Rick Lejk

Dr. Roy Strassberg
Dr. Winston Tite

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: March 11, 2003

RE: Request to establish AMST 2050: Topics in American Studies

The request to establish AMST 2050: Topics in American Studies was approved by the Chair of the Undergraduate Course and Curriculum Committee on March 5, 2003 for immediate implementation.

New catalog copy:

AMST 2050: Topics in American Studies (3)

Prerequisite: Introduction to the interdisciplinary approach focusing on aspects of American culture and society. May be repeated for credit with permission of the student's adviser as topics vary. *(Fall, Spring)*

cc: Dr. Richard Lejk

Ms. Paula Eckard

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: February 28, 2003

RE: Request to establish PHIL 3452: Internship in Applied Ethics

The request to establish PHIL 3452: Internship in Applied Ethics was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 25, 2003 for immediate implementation.

New catalog copy:

PHIL 3452. Internship in Applied Ethics (3)

Prerequisite: Declared philosophy major or minor; at least junior standing; selection by department. Field experience includes on-site visits to host companies, corporations, or agencies to investigate ethics codes, policies, culture, and practices. Background ethics research on ethics challenges facing the host organization today. Final reports evaluated by faculty advisor and shared with the host organization. *(On demand)*

cc: Dr. Richard Lejk

Dr. Laura Duhan Kaplan

Dr. Richard Toenjes

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: February 28, 2003

RE: Request to establish CJUS 3112: Famous Criminal Trials of the Twentieth Century

The request to establish CJUS 3112: Famous Criminal Trials of the Twentieth Century was approved by the chair of the Undergraduate Course and Curriculum Committee on February 24, 2003. It is approved for immediate implementation.

Catalog Copy:

CJUS 3112. Famous Criminal Trials of the Twentieth Century. (3)

Prerequisites: Introduction to Criminal Justice (CJUS 1100) and at least junior standing or with permission of instructor. This course is a study of various American criminal trials from 1900-1999, and its purpose is to review specific cases and determine their effect upon, and reflection of, American society and/or culture at the time. Some of the cases discussed may include Sacco and Vanzetti, Scottsboro Boys, Chicago 7, and Dr. Jeff MacDonald. *(Yearly)*

cc: Dr. Richard Lejk

Dr. Bruce Arrigo

Dr. Julia Beeman

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: February 28, 2003

RE: Request to establish ARSC 3201: Instructional Technology Design

The request to establish ARSC 3201: Instructional Technology Design was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 24, 2003 for immediate implementation.

New catalog copy:

ARSC 3201. Instructional Technology Design (3)

Prerequisite: Sophomore standing, application of technology skills and permission from instructor. Area of study will focus on instructional design, web page development, electronic presentation and technology solutions. Students in this course will work closely with the faculty on instructional technology projects. *(Fall, Spring)*

cc: Dr. Richard Lejk

Mr. Scott Phillipson

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: February 24, 2003

RE: Request to edit the course descriptions for PHYS 1102, 2101, and 2102 to clarify the required prerequisite and co-requisite courses.

The request to edit the course descriptions for PHYS 1102, 2101, and 2102 to clarify the required prerequisite and co-requisite courses was approved by the Chair of the Undergraduate Course and Curriculum Committee on February 11, 2003. It is approved for immediate implementation.

Catalog Copy: (changes in boldface, blue)

PHYS 1102. Introductory Physics II. (3) (S)

Co requisite: PHYS 1102L; Prerequisite: PHYS 1101 **with a grade of C or better**. A continuation of PHYS 1101. *(Fall, Spring, Summer)*

PHYS 2101. Physics for Science and Engineering I. (3) (S)

Prerequisite: MATH 1241 **with a grade of C or better**. Co requisite: PHYS 2101L, MATH 1242. First semester of a two semester calculus-based introductory sequence in general physics with topics selected from kinematics and dynamics of particles, momentum, work, energy, conservation laws, mechanics of rigid bodies, heat, thermodynamics, fluids, electricity and magnetism, wave motion and sound, geometrical and physical optics. Three lecture hours and one recitation hour each week. *(Fall, Spring, Summer) (Evenings)*

PHYS 2102. Physics for Science and Engineering II. (3) (S)

Prerequisite: PHYS 2101 with a grade of C or better, and MATH 1242 **with a grade of C or better.** **Corequisite: PHYS 2102L.** Continuation of PHYS 2101. Three lecture hours and one recitation hour each week. *(Fall, Spring, Summer) (Evenings)*

cc: Dr. Richard Lejk
Dr. Faramarz Farahi

Dr. Susan Trammell

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: November 6, 2002

RE: Request to change the course names and course descriptions for PHYS 1101L, PHYS 1102L, PHYS 2101L, and PHYS 2102L.

The request to change the course names and course descriptions for PHYS 1101L, PHYS 1102L, PHYS 2101L, and PHYS 2102L was approved by the Undergraduate Course and Curriculum Committee Chair on November 1, 2002. It is approved for implementation immediately.

Catalog Copy:

PHYS 1101L. **Introductory Physics I Laboratory. (1) (S)**

Corequisite: PHYS 1101.

Laboratory investigations illustrating experimental techniques and fundamental principles of natural phenomena. Three laboratory hours each week. ***If a student has completed PHYS 2101L with a grade of C or better in a previous semester, the student is exempted from taking***

PHYS 1101L. (Fall, Spring, Summer)

PHYS 1102L. **Introductory Physics II Laboratory. (1) (S)**

Prerequisite: PHYS 1101L (or 2101L).

Corequisite: PHYS 1102.

A continuation of PHYS 1101L. Three laboratory hours each week. ***If a student has completed PHYS 2102L with a grade of C or better in a previous semester, the student is exempted from taking PHYS 1102L. (Fall, Spring, Summer)***

PHYS 2101L. Introductory Physics Laboratory I. (1) (S)

Corequisites: PHYS 2101.

Experiments selected from mechanics, heat, electricity and magnetism, wave motion and optics. Use of the computer for organizing, graphing and analyzing data. Two laboratory hours each week. ***If a student has completed PHYS 1101L with a grade of C or better in a previous semester, the student is exempted from taking***

PHYS 2101L. (Fall, Spring, Summer) (Evenings)

PHYS 2102L. Introductory Physics Laboratory II. (1) (S)

Prerequisite: PHYS 2101L (or 1101L).

Corequisite: PHYS 2102.

A continuation of PHYS 2101L. Two laboratory hours each week. ***If a student has completed PHYS 1102L with a grade of C or better in a previous semester, the student is exempted from taking PHYS 2102L. (Fall, Spring, Summer) (Evenings)***

cc: Dr. Faramarz Farahi
Dr. Susan Trammell

Dr. Rick Lejk

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

NOTE: CORRECTION IN RED

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: November 21, 2002

RE: Request to change the course description and number of credit hours for PHYS 3101

The request to change the course description and number of credit hours for PHYS 3101 was approved by the Chair of the Undergraduate Course and Curriculum Committee on November 15, 2002. It is approved for immediate implementation.

Catalog Copy:

PHYS 3101. Topics and Methods of General Physics. (3)

Prerequisite: PHYS **2102** and MATH 1242, both with a grade C or better. Integration of mathematical concepts with basic physical principles. Physics topics chosen from material covered in PHYS 2101 and PHYS 2102. Mathematical concepts include approximation methods, integration and differentiation, vector algebra, and coordinate systems. Exercises and problems will emphasize topics traditionally challenging to beginning physics students. (*Spring*)

cc: Dr. Rick Lejk

Dr. Faramarz Farahi

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: February 17, 2003

RE: Request to add the "W" designation to BIOL 3166L.

The request to add the "W" designation to BIOL 3166L was approved by the Associate Dean for General Education (Dr. Mark West) and the Interim Associate Provost (Dr. Bill Hill) on February 4, 2003. It is approved for immediate implementation.

cc: Dr. Richard Lejk

Dr. Mark Clemens

Dr. Mark West

Dr. Larry Barden
Dr. Ron Ostrowski

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: February 17, 2003

RE: Request to establish GEOG 4240: Geography of Knowledge and Information

The request to establish GEOG 4240: Geography of Knowledge and Information was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 29, 2003. It is approved for immediate implementation.

Catalog Copy:

GEOG 4240. Geography of Knowledge and Information. (3)

Examination of the factors that influence the location of economic activities in the information age. Discussions and lectures explore the geographic aspects of the transition away from manufacturing to information processing as the primary mode of production. The transition is examined in terms of technology development, urban and regional development, information flows and the location of quaternary industry. *(Fall, On demand)*

cc: Dr. Richard Lejk

Dr. Owen Furuseth

Dr. Bill Graves

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: February 17, 2003

RE: Request to change the credit hours of ESCI 3210 from 3 credit hours to 4 credit hours.

The request to establish change the credit hours of ESCI 3210 from 3 credit hours to 4 credit hours was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 30, 2003. It is approved for immediate implementation.

Catalog Copy:

ESCI 3210. Soil Science. (4)

Prerequisites: Geology 1200, 1200L. Corequisite: CHEM 1251 or permission of the instructor.

Study of soils, soil-forming processes and soil morphology with an emphasis on soils as they relate to geologic landscapes and surficial processes. Students will learn how to describe and interpret soils in the field and will have introductory exposure to laboratory techniques. Three hours lecture, three hours lab per week with occasional field trips. *(Fall)*

cc: Dr. Richard Lejk

Dr. Owen Furuseth

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: February 17, 2003

RE: Request to establish a Track in Health Communication in the B.A. Program

The request to establish a Track in Health Communication in the B.A. Program was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 28, 2003. It is approved for immediate implementation.

Catalog Copy:

Health Communication (21 hours)

The Health Communication concentration is designed for students interested in studying the relationship between communication and the quality of health care received by the patients. Emphasis will be placed on the promotion and maintenance of health, the prevention and treatment of illness, and the improvement of the health care system through effective communication.

Students choosing this concentration complete the following courses:

COMM 2107 Interpersonal Communication (3)

COMM 3141 Organizational Communication (3)

COMM 3115 Health Communication (3)

COMM 4410 Communication Internship (3)

Students select nine hours from the following:

ANTH 3124	Food, Nutrition and Culture
ANTH 3122	Culture, Health and Disease
NURS/GRNT 3115	Health and the Aging Process

HBHA 2101	Healthy Lifestyles
KNES 3260	Nutrition and Health Fitness
NURS 3104	Nutrition in Health and Illness
NURS/WMST 4191	Women's Health Issues
NURS 4090	Topics in Nursing*
RELS/PHIL 3201	Meaning of Death
PHIL 3228	Healthcare Ethics
PSYC 2160	Introduction to Health Psychology
PSYC 3130	Social Psychology
SOCY 4130	Sociology of Health and Illness
SOCY 4168	Sociology of Mental Health and Illness
COMM 3050	Topics in Communication*

**with approval of advisor*

cc: Dr. Richard Lejk

Dr. Richard Leeman

Dr. Darlene Drummond

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: February 17, 2003

RE: Request for change in credit hours for MUSC 4001.

The request for change in credit hours for MUSC 4001 was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 30, 2003 for immediate implementation.

New catalog copy:

MUSC 4001. Topics in Music. (1-6)

Prerequisite: consent of instructor. Special topics in music. May be repeated for credit.
(*On demand*)

cc: Dr. Richard Lejk

Dr. Royce Lumpkin

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: February 17, 2003

RE: Change in History Major Requirements

The request for a change in History Major Requirements was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 28, 2003. It is approved for immediate implementation.

Catalog Copy:

HISTORY MAJOR

A major in History leading to the B.A. degree requires a minimum of 33 hours in History meeting the requirements for a) Foundations, B) Elective Coursework, and C) Senior Seminar outlined below; in addition there is D) a related work requirement in a foreign language. No more than 6 hours of transfer or AP credit will be counted towards 1000-level courses in the major. The student must achieve a minimum GPA of 2.0 in all history courses.

A. Foundations: 9 hours of History, consisting of

- HIST 1121, Western Civilization since 1660
- HIST 1160 *or* HIST 1161, US History I *or* II
- HIST 2100, Introduction to Historical Studies, a skills-based seminar.

HIST 1121 and 1160/61 are normally taken in the sophomore year or as soon as possible after declaring the major.

B. Elective Coursework: 21 hours of History, of which

- No more than 3 hours are at the 1000 level (beyond the two required Foundations courses). Students seeking Secondary Certification in History Education are strongly urged to take both HIST 1160 and 1161.
- At least 6 hours are in Non-Western History (Asia, Africa, Latin America, Middle East)

- At least 9 hours are at the 3000 level

C. Senior Seminar: 3 hours

- History 4000, 4001, 4002, or 4003.

D. Related Work: History majors must demonstrate foreign language competency in one of the following ways:

- One course at the 2000 level in a language other than English that uses the Latin alphabet (e.g., French, German, Italian, Portuguese, Spanish, Latin).
- The 1202 course (or its equivalent) in a modern language that does not use the Latin alphabet (e.g., Arabic, Chinese, Greek, Japanese, Russian).
- Non-native English speakers may complete the foreign language requirement by passing ENGL 1101 and ENGL 1102 or the equivalent.

cc: Dr. John Smail

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 29, 2003

RE: Change in Political Science Minor Requirements

The request for a change in Political Science Minor Requirements was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 28, 2003. It is approved for immediate implementation.

Catalog Copy:

POLITICAL SCIENCE MINOR

The political science minor requires 18 semester hours of political science. The student can choose any combination of courses with the POLS designation to fulfill this requirement with the following exceptions: 1) No more than nine hours of credit from POLS 3110, 3163, 4400, or 4800 can be offered to fulfill minor requirements. 2) Although students may repeat POLS 3110, 3163, 4400, or 4800 for credit, no more than three hours of credit from any one of these courses may be used to fulfill the requirements for the minor in political science.

cc: Dr. Ted Arrington

Dr. Cynthia Combs

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: February 17, 2003

RE: Change in credit hours for PPOL 8800

The request for a change in credit hours for PPOL 8800 was approved by the Chair of the Graduate Council on January 22, 2003. It is approved for immediate implementation.

Catalog Copy:

PPOL 8800. Independent Study in Public Policy. (1-6).

cc: Dr. Gerald Ingalls

Dr. Gary Rassel

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: February 17, 2003

RE: Request to establish COMM 3115: Health Communication

The request to establish COMM 3115: Health Communication was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 29, 2003. It is approved for immediate implementation.

Catalog Copy:

COMM 3115. Health Communication . (3)

Prerequisite: COMM 2100. This course is designed to provide a broad introduction to human communication in a health-care context. Emphasis will be on issues of social support, patient-health professional/caregiver interaction, organizational culture, planning health promotion campaigns, and cultural conceptions of health and illness. *(Spring)*

cc: Dr. Richard Lejk

Dr. Richard Leeman

Dr. Darlene Drummond

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

REVISION NOTED IN RED 2/17/03

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: April 23, 2002

RE: Minor changes in catalog copy for Art courses.

The proposal to make minor changes in catalog copy of art courses was approved by the Undergraduate Course and Curriculum Committee on April 15, 2002. It is authorized for implementation immediately.

N New catalog copy.

1. ARTA 2212. Art History Methods (3) **change to ARTA 3210.** Art History Methods. (3)

(Change in course number to reflect the level of the course material)

2. ARTA 3211. Contemporary Art History (3) **change to ARTA 2210.** Contemporary Art History (3)
(Change in course number to reflect the level of the course material)

3. ARTA 3212. Contemporary Theory & Criticism (3) **Change to ARTA 4212.** Contemporary theory & Criticism (3)
(Change in course number to reflect the level of the course material)

4. ARTA 2219. History of Photography (3) change the time course is offered to (Spring) (Alternate years **or on demand**).

5. **ARTA 3110. Art of the US. (3)**

Prerequisite: ARTA 1212 or consent of the instructor. A survey of the major movements,

artists, and styles in arts of the U.S. from the Colonial period through **1940. The course combines lectures with discussion, tests, research, and writing.** (Fall) (Alternate years) **(Crosslisted with American Studies)**

-

6. **DELETE: ARTA 3119. Art of the US – 1900 – 1940. (3)**

cc: Dr. Roy Strassberg
Mr. Bret Pendergrass

Mr. Craig Fulton

Mr. Richard Yount

Ms. Betty Johnson

Ms. Carolyn Thigpen
Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 28, 2003

RE: Request for change in catalog copy for MUSC 3170 and MUSC 3171.

The request to add the “W” designation to MUSC 3170 and the “W” and “O” designation to MUSC 3171 was approved by the Associate Dean for General Education (Dr. Mark West) and the Interim Associate Provost (Dr. Bill Hill) on September 5, 2002. The other minor editorial changes were approved by the Chair of the Undergraduate Course and Curriculum Committee on January 17, 2003 for immediate implementation.

New catalog copy:

MUSC 3170. Music History I. (W) (3)

Prerequisite: consent of instructor. Limited to music majors only. Music history and literature from Classical Antiquity through the Baroque Period. *(Fall)*

MUSC 3171. Music History II. (W) (O) (3)

Prerequisite: consent of the instructor. Limited to music majors only. Music history and literature from Classical Period to the present. *(Spring)*

cc: Dr. Richard Lejk

Dr. James Grymes

Dr. Royce Lumpkin

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: January 29, 2003

RE: Change in credit hours for PPOL 8000

The request for a change in credit hours for PPOL 8000 was approved by the Chair of the Graduate Council on January 22, 2003. It is approved for immediate implementation.

Catalog Copy:

PPOL 8000. Topics in Public Policy. (1-4).

Prerequisites: full graduate standing in the Ph.D. in Public Policy or permission of the instructor. Study of selected topics in Public Policy. May be repeated for credit. *(On demand)*

cc: Dr. Gerald Ingalls

Dr. Gary Rassel

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 28, 2003

RE: Request for change in catalog copy for in ARTT classes

The request for change in catalog copy for in ARTT classes was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 20, 2003 for immediate implementation.

New catalog copy:

ARTT 2191. Photographic Media I. (3)

Prerequisite: ARTB 1206 or consent of instructor. Fundamental principles, processes, and aesthetics of black and white photography. Introduction to photographic theory, operation of cameras, and basic darkroom techniques. Principles of photography as a means of personal expression. Six hours. *(Fall, Spring, Summer) (Fall)*

ARTT 2291. Black and White Printing. (3)

Prerequisite: ARTB 1201 and ARTT 2191. Continuation of ARTT 2191 with emphasis on contemporary methods, approaches and techniques in silver printing used as a means of creative personal expression. Six hours. *(On demand)*

ARTT 2292. Color Photography. (3)

Prerequisite: ARTB 1201 and ARTT 2191. Continuation of ARTT 2191 with emphasis on color negative printing and theory and process used as a means of creative personal expression. Six hours. *(On demand)*

ARTT 3191. Camera and Light. (3)

Prerequisite: ARTB 1201 and ARTT 2191. Principles and practices of small, medium or large format photography, in conjunction with available and studio lighting techniques. Emphasis on personal expression. Six hours. *(On demand)*

ARTT 3409. Internship in Photography. (3)

Prerequisite: Consent of instructor. Non-salaried opportunity for students to observe, examine, and participate in the creative dynamics and procedural operations of a photography art organization, photographically related business, or museum studies. Sponsor and faculty supervised. An average of eight hours per week for fifteen weeks for a total of 120 hours. Pass/No Credit grade evaluation. *(On demand)*

ARTT 3695. Time Arts Seminar I. (3)

Prerequisite: 12 semester hours of photographic requirements, consent of instructor, and co-requisite ARTT 3995. A seminar emphasizing verbal and written criticism of photography and photographically related media. Criticism focused on historical and contemporary bodies of work as well as on students' portfolios. Three lecture hours taken in conjunction with ARTT 3995. *(On demand)*

ARTT 3696. Time Arts Seminar II. (3)

Prerequisite: ARTT 3695, 3995, and co-requisite 3996. Continuation of ARTT 3695. Three lecture hours in conjunction with ARTT 3996. *(On demand)*

cc: Dr. Richard Lejk

Ms. Martha Strawn

Mr. Roy Strassberg

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request to change course prefixes for PHYS 6201/8201 to OPTI 6201/8201

The request to change course prefixes for PHYS 6201/8201 to OPTI 6201/8201 was approved by the Chair of the Graduate Council on January 15, 2003. It is approved for immediate implementation.

Catalog Copy:

OPTI 6201/OPTI 8201: Fourier Optics and Holography

(Same catalog description as PHYS 6201/8201 used to be.)

cc: Dr. Terrill Mayes

Dr. Faramarz Farahi

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request to establish GEOG 3605: Geography of Europe

The request to establish GEOG 3605: Geography of Europe was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 10, 2003. It is approved for immediate implementation.

Catalog Copy:

GEOG 3605. Geography of Europe. (W) (3)

This course explores relevant issues in contemporary Europe. Through lecture and written work, the course examines current trends in European political unity, economic integration, national/ethnic conflict and environmental policy from a geographical perspective.

cc: Dr. Richard Lejk

Dr. Owen Furuseth

Dr. Darla Munroe

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request to establish GEOG 2125: Business Applications of GIS

The request to establish GEOG 2125: Business Applications of GIS was approved by the Chair of the Undergraduate Course and Curriculum Committee on January 10, 2003. It is approved for immediate implementation.

Catalog Copy:

GEOG 2125. Business Applications of GIS. (3)

Introduction to the uses of spatial data and the geographic information systems that handle them in basic business decision-making and research. Applications include geographic data presentation, consumer research, marketing, site selection and trade area analysis. Students are provided an introduction to key economic geography concepts, data availability, and experience executing GIS projects. This course is an acceptable pre-requisite for GEOG 4120. *(Spring)*

cc: Dr. Richard Lejk

Dr. Owen Furuseth

Dr. William Graves

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: January 28, 2003

RE: Request to add the "W" designation to BIOL 3273L.

The request to add the "W" designation to BIOL 3273L was approved by the Associate Dean for General Education (Dr. Mark West) and the Interim Associate Provost (Dr. Bill Hill) on January 10, 2003. It is approved for immediate implementation.

cc: Dr. Richard Lejk

Dr. Mark West

Dr. Larry Barden

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Wayne Walcott
Interim Provost and Vice Chancellor

DATE: December 12, 2002

RE: Authorization to Establish the Ph.D. in Optical Science and Engineering

Authorization to establish a **Ph.D. in Optical Science and Engineering** was given by the UNC Board of Governors on November 8. Attached are the official notification of authorization to establish and the catalog copy for the program. The Department of Physics and Optical Science should move quickly to initiate the program in January 2003.

Attachments (2)

cc:	Dr. Tom Reynolds	Ms. Kathi Baucom
	Dr. Sue Bishop	Mr. Richard Yount
	Dr. Mary Lynne Calhoun	Mr. Craig Fulton
	Dr. Mirsad Hadzikadic	Ms. Wanda Fisher
	Dr. Robert Johnson	Ms. Betty Johnson
	Mr. Ken Lambla	Ms. Carolyn Thigpen
	Dr. Claude Lilly	Ms. Deborah Clayton
	Dr. Kent Curran	Advising Team
	Dr. Faramarz Farahi	
	Dr. Terrill Mayes	
	Dr. Michael Fiddy	

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request to establish CJUS 6903: Applied Research Project

The request to establish CJUS 6903: Applied Research Project was approved by the Graduate Council on December 3, 2002 and the Faculty Council on the December 13, 2002 Consent Calendar. It is approved for immediate implementation.

Catalog Copy:

CJUS 6903. Applied Research Project. (3)

Prerequisites: CJUS 6100, 6101, 6102, 6103, 6104. The student, in conjunction with a faculty member will examine a significant problem or evaluative issue. This project will be developed under the guidance of the course instructor. At the end of the semester, the student will provide a final written

product and be required to give a final presentation to the Graduate committee. Students are expected to complete this course in one semester. *(Every semester)*

cc: Dr. Richard Lejk

Dr. Bruce Arrigo

Dr. Charisse Coston

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request to Establish a Social Policy Specialty Area within the Ph.D. in Public Policy Program

The request to establish a Social Policy Specialty Area within the Ph.D. in Public Policy Program was approved by the Graduate Council on December 3, 2002 and the Faculty Council on the December 13, 2002 Consent Calendar. It is approved for immediate implementation.

The Ph.D. in Public Policy proposes to add these seven courses to its graduate curriculum. They will comprise a portion of the courses available to all students in the Social Policy specialization for the Ph.D. in Public Policy. Students in this specialty area will need to complete a minimum of five courses to satisfy Program requirements for a specialty in Public Policy beyond the requirements of the core. PPOL 8681, PPOL 8683, PPOL 8685 and PPOL 8687 are new courses. PPOL 8681, PPOL 8682 and PPOL 8683 will be required of all students in the Social Policy Specialty Area. A second set of courses will form a pool from which students in the Social Policy Specialty Area must choose a minimum of two additional courses: PPOL 8685, 8687, 8688, and 8689. PPOL 8682, 8688 and 8689 are existing 6000 level courses we propose to cross-list at the 8000 level. In every case where a course is cross-listed between an 8000 and 6000 equivalent, we specify the differentiation in evaluation between masters and Ph.D. students. At a minimum Ph.D. students would be graded at a different level with higher expectations particularly when it comes to the mastery of theoretical and conceptual content of the course.

All of these courses are part of the minimum of five courses required for all specializations in Public Policy, but these will also serve as electives for students in other specialties within the Ph.D. in Public Policy. While these courses are designed primarily for students in the Public Policy Ph.D., they will be open to those Ph.D. students from other programs that obtain instructor approval

Catalog Copy:

PPOL 8681. Race, Gender, Class and Public Policy. (3) Prerequisite: Permission of the instructor. This course is designed as an overview of major theories, trends and debates on the topic of gender, race and economic inequality in the contemporary United States.

PPOL 8682. Stratification and Social Policy. (3) Prerequisite: Permission of the instructor. This course examines (a) the structures and processes underlying social stratification in the United States, particularly the inequality that is grounded in social class, gender, ethnicity, and race; and (b) the social policy implications that follow from our analysis of the nature and sources of stratification.

PPOL 8683. Population Dynamics and Social Policy. (3) Prerequisite: Permission of the instructor. Basic population characteristics, such as age distribution, life expectancy, fertility, and trends in these characteristics are relevant to nearly all social policy. This class is an introduction to basic concepts and tools of demographic analysis and how they may be applied to the study of social policy including family policy, aging policy, and minority groups' policy.

PPOL 8685. Aging and Social Policy. (3) Prerequisite: Permission of the instructor. This course is designed to utilize the concepts of social gerontology as a springboard for examining social policy for an aging population.

PPOL 8687. Education Policy. (3) Prerequisite: Permission of the instructor. This course examines equity, efficiency, and diversity tradeoffs among alternative systems of delivering K-12 education. The course also examines how to evaluate educational policies and programs.

PPOL 8688. Political Economy of School Reform. (3) Prerequisite: Permission of the instructor. This course examines between business leaders' vision for school reform and the school restructuring movement, the reforms which arise from their construction of the problem, local educational restructuring efforts within the context of the larger national reform movement, and the opportunities and dangers of corporate-inspired educational policies.

PPOL 8689. Social Context of Schooling (3) Prerequisite : Permission of the instructor. The purpose of this course is to examine the relationship among certain aspects of the contemporary social structure and educational processes and outcomes. It explores the ways that the social class structure, race, and gender stratification affect the ways individuals experience, understand, and acquire education.

-
cc: Dr. Gerald Ingalls

Dr. Ted Arrington

Dr. Gary Rassel

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request to establish LBST 2215: Citizenship

The request to establish LBST 2215: Citizenship was approved by the Undergraduate Course and Curriculum Committee on December 9, 2002 and by the Faculty Council on the December 13, 2002 Consent Calendar. It is approved for immediate implementation.

Catalog Copy:

LBST 2215. Citizenship. (3)

Prerequisite: sophomore standing. A study of the concept of citizenship as it has evolved in different cultures with an emphasis on scholarly understandings of the rights and responsibilities of citizenship. Includes an examination of the ethical dimensions of citizenship in political, social, and religious contexts. The course includes a service component that allows students to explore the relations of citizenship and public service. During the semester the course meets a total of 27 hours for classroom lectures and discussions and requires completion of 25 hours of voluntary service in the community. (*Fall, Spring*)

cc: Dr. Rick Lejk

Dr. Ed St. Clair

Dr. Mark West

Dr. Lee Gray

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request to establish LBST 2214: Issues of Health and Quality of Life

The request to establish LBST 2214: Issues of Health and Quality of Life was approved by the Undergraduate Course and Curriculum Committee on December 9, 2002 and by the Faculty Council on the December 13, 2002 Consent Calendar. It is approved for immediate implementation.

Catalog Copy:

LBST 2214. Issues of Health and Quality of Life. (3)

Prerequisite: sophomore standing. A study of individual and social aspects of health. Analysis of individual health and illness behavior and theory; the social, political, and economic contexts of health and illness; and the broad cultural, ethical, and religious understandings of health and illness. (*Fall, Spring*)

cc: Dr. Rick Lejk

Dr. Ed St. Clair

Dr. Mark West

Dr. Lee Gray

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request to establish LBST 2213: Science, Technology and Society

The request to establish LBST 2213: Science, Technology and Society was approved by the Undergraduate Course and Curriculum Committee on December 9, 2002 and by the Faculty Council on the December 13, 2002 Consent Calendar. It is approved for immediate implementation.

Catalog Copy:

LBST 2213. Science, Technology, and Society. (3)

Prerequisite: sophomore standing. The role of science and technology in society. The appreciation and understanding of science and the public policy issues related to science and technology. Issues such as

science vs. pseudo-science, the ethics of science and technology, the methods of the sciences, the importance of major scientific discoveries, and public expectations of the sciences. *(Fall, Spring)*

cc: Dr. Rick Lejk

Dr. Ed St. Clair

Dr. Mark West

Dr. Lee Gray

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request to establish LBST 2212: Literature and Culture

The request to establish LBST 2212: Literature and Culture was approved by the Undergraduate Course and Curriculum Committee on December 9, 2002 and by the Faculty Council on the December 13, 2002 Consent Calendar. It is approved for immediate implementation.

Catalog Copy:

LBST 2212. Literature and Culture. (3)

Prerequisite: sophomore standing. This course examines the connections between literature and culture. Students are offered the opportunity to examine the roles that literature plays in reflecting, shaping, and challenging cultures. (*Fall, Spring, Summer*) (*Evenings*).

cc: Dr. Rick Lejk

Dr. Ed St. Clair

Dr. Mark West

Dr. Lee Gray

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request to establish LBST 1103: The Arts and Society: Music

The request to establish LBST 1103: The Arts and Society: Music was approved by the Undergraduate Course and Curriculum Committee on December 9, 2002 and by the Faculty Council on the December 13, 2002 Consent Calendar. It is approved for immediate implementation.

Catalog Copy:

LBST 1103. The Arts and Society: Music. (3)

This course is an introduction to music in the context of the arts and society. Students will survey the position of music in selected cultures from around the world. Emphasis will be placed on music in the United States and Europe. Students will experience a wide range of ideas and styles and move toward thoughtful, critical, and creative listening. Through this course students will gain a deeper

understanding of the place of music in reflecting, shaping and critiquing society. (*Fall, Spring, Summer Evenings*).

cc: Dr. Rick Lejk

Dr. Ed St. Clair

Dr. Mark West

Dr. Lee Gray

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request to establish LBST 1102: The Arts and Society: Film

The request to establish LBST 1102: The Arts and Society: Film was approved by the Undergraduate Course and Curriculum Committee on December 9, 2002 and by the Faculty Council on the December 13, 2002 Consent Calendar. It is approved for immediate implementation.

Catalog Copy:

LBST 1102. The Arts and Society: Film. (3)

An introduction to the art of film in the context of the arts and society. Analysis of the elements of narrative and documentary film, including works made for television. Examines the role of Hollywood, international, and independent cinema (including television) in reflecting, shaping, and critiquing society. *(Fall, Spring, Summer)*

cc: Dr. Rick Lejk

Dr. Ed St. Clair

Dr. Mark West

Dr. Lee Gray

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland

Director of Assessment and Faculty Governance

DATE: January 3, 2003

RE: Request for changes to course titles and numbers in History undergraduate courses.

The request for changes to course titles and numbers in History undergraduate courses was approved by the chair of the Undergraduate Course and Curriculum Committee on December 16, 2002. It is approved for implementation **effective Fall 2003**.

Catalog Copy:

Renumber courses:

➤ **HIST 2700** change to:

HIST 3797. Honors Methods and Practice. (3)

Prerequisite: consent of instructor. Prepares students for the research and writing of an honors thesis. Includes meetings with a range of faculty in the department, preparation of an honors thesis prospectus, and training in research methods and practices. The first course in a required three-course sequence for Honors in History. *(Spring)*

➤ **HIST 3700** change to:

HIST 3798. Honors Seminar. (3) (W, O)

Prerequisite: consent of instructor. Honors level examination of a particular topic. The second course in a required three-course sequence for Honors in History. May be repeated for credit as topics vary. Required of Davenport Scholars. Completion of this course with a grade of "C" or better meets the requirement for a 2100 course in the major. *(Fall)*

-

Change Course descriptions:

➤ **HIST 3799. Honors Thesis. (3)**

Prerequisites: HIST 3797, and consent of instructor. The preparation and presentation of an acceptable Honors thesis or its equivalent. The final course in a required three-course sequence for Honors in History. Completion of a thesis earning a grade "C" or better meets the requirement for a 4000 level course in the major; a grade of "A" is required to earn honors. *(On demand)*

➤ **HIST 2110. Technology and Science in Society I: Before the Industrial Revolution. (3)**

The worldwide history of science and technology from the Stone Age to the steam engine, with particular emphasis on the Scientific Revolution of the 16th and 17th centuries. Examines the impact of scientific and technological change on society and the ways in which society shaped the development of science and technology. Scientific and technical background is not a prerequisite. *(Fall)*

➤ **HIST 2111. Technology and Science in Society II: Since the Industrial Revolution. (3)**

(VC) The history of science and technology in society from the 18th century to the present. Examines the inter-connections of science and technology with society, with particular attention to the U.S. Designed for all students, regardless of scientific and technical background. *(Spring)*

➤ **HIST 2271. Modern France (1750 to the Present). (3)**

A survey of France, from the Enlightenment and the Revolution of 1789, across the revolutions and wars of the 19th and 20th centuries, to the present. *(Alternate years)*

➤ **HIST 3110. The Age of Revolutions in Europe (1789 to 1871). (3)**

A study of the role of the major revolution of the nineteenth century in the making of modern politics. *(Alternate years)*

➤ **HIST 3134. European Intellectual History Since 1789. (3)**

An examination of some of the major philosophic, scientific, political, and artistic ideas in modern Europe. *(Alternate years)*

➤ **HIST 3201. Colonial America. (3) (L)**

This course examines the diverse and dynamic societies of colonial North America, with particular emphasis on Britain's thirteen mainland colonies. The course begins with Europe's age of discovery and exploration and ends on the eve of the imperial crisis that led to American independence. Major themes and topics include religious and political ideals of the colonists, labor systems, economic development, and the cultural exchanges between Europeans, Africans, and native Americans. *(Fall)*

➤ **HIST 3202. American Revolution, 1750-1815. (3)**

The American Revolution was both a military conflict fought over the issue of colonial independence and a catalyst for sweeping political and social change. This course examines the Revolution as a political, social, and military phenomenon, focusing on the transformation of political culture and the experiences of ordinary Americans. *(Spring)*

Change to course titles:

➤ **HIST 2284. World War II: The European Theater. (3)**

Major campaigns of World War II with emphasis upon the European theater of operations. *(Alternate years)*

Renumber course:

HIST 3301 change to:

➤ **HIST 3310. Teaching History. (3)**

This interdisciplinary hands-on seminar prepares students for a career in history education. Using historical developments of the 20th Century as a starting point, students acquire practical, discipline-specific didactical skills native to the history profession and develop materials on NCSCS themes at the grade level they anticipate teaching. This seminar is geared toward advanced education students and history students seeking teaching licensure. *(Yearly)*

cc: Dr. Richard Lejk

Dr. John Smail

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons
College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 2, 2003

RE: Request for BIOL 4600 and BIOL 2111L to satisfy the "W" goal.

The request for BIOL 4600 (Senior Seminar) and BIOL 2111L (Cell Biology Lab) to satisfy the "W" goal was approved by the Associate Dean for General Education (Dr. Mark West) and the Interim Associate Provost (Dr. Bill Hill) on December 16, 2002. It is approved for immediate implementation.

cc: Dr. Richard Lejk

Dr. Mark West

Dr. Mark Clemens

Dr. Larry Barden

Mr. Brian Bradley

Mr. Richard Yount

Mr. Craig Fulton

Ms. Betty Johnson

Ms. Carolyn Thigpen

Advising Team

MEMORANDUM

TO: Dean Schley Lyons

College of Arts and Sciences

FROM: Cathy Outland
Director of Assessment and Faculty Governance

DATE: January 2, 2003

RE: Request for HIST 2100 and HIST 4300 to satisfy the “W” goal and HIST 3700 (or HIST 3798) to satisfy the “O” goal.

The request for HIST 2100 (Introduction to Historical Methods) and HIST 4300 (Introduction to Public History) to satisfy the “W” goal and HIST 3700 (or HIST 3798 – Honors Seminar) to satisfy the “O” goal was approved by the Associate Dean for General Education (Dr. Mark West) and the Interim Associate Provost (Dr. Bill Hill) on December 16, 2002. It is approved for implementation **effective Fall 2003**.

MEMORANDUM

TO: Dean Schley Lyons, College of Arts and Sciences

FROM: Cathy Outland, Director of Assessment and Faculty Governance

DATE: November 20, 2002

RE: Request to Establish ENGL 6127: Seminar in Language, Culture, and Society

The request to establish ENGL 6127: Seminar in Language, Culture, and Society was approved by the Graduate Council on September 19, 2002 and by the Faculty Council on the October 28, 2002 consent calendar. It is approved for immediate implementation.

Catalog Copy:

ENGL 6127. Seminar in Language, Culture, and Society. (3) Recommended prerequisite: an introductory course in linguistics. Discussions on topics such as the complex relationships between language and culture, how language affects perception and cognition, and how language affects the individual's sense of self and the group's sense of community. (*Alternate years*)

MEMORANDUM

TO: Dean Schley Lyons, College of Arts and Sciences

FROM: Cathy Outland, Director of Assessment and Faculty Governance

DATE: September 20, 2002

RE: Request to Establish ENGL 5167

The request to establish ENGL 5167 was approved by the Graduate Council on September 17, 2002 and the Faculty Council on the October 28, 2002 Consent Calendar. It is approved for immediate implementation.

Catalog Copy:

ENGL 5167. The Mind and Language. (3) Introduction to the study of the mind from a linguistic perspective. Topics include language growth and loss, language deficits, modularity and hierarchical processing, the interaction of cognitive and linguistic faculties, parsing/processing strategies and limitations and applications such as therapy, forensics, computing, teaching. (*Alternate years*)

MEMORANDUM

TO: Dean Schley Lyons, College of Arts & Sciences

FROM: Cathy Outland, Director of Assessment and Faculty Governance

DATE: May 17, 2001

RE: Authorization to Establish a New Concentration in Technical/Professional Writing Within the M.A. in English

The curriculum proposal for Authorization to Establish a New Concentration in Technical/Professional Writing Within the M.A. in English was approved by the Graduate Council on April 3, 2001, and by the Faculty Council on the May 17, 2001 Consent Calendar.

The Department of English proposes to add one new course to the Graduate curriculum in Professional/Technical Writing: ENGL 6116 Technical/Professional Writing. The course would be required for students admitted to the Technical/Professional Writing Concentration within the M.A. in English, and would be an elective for students in Graduate Certificate program in Technical/Professional Writing.

Catalog Copy

ENGL 6116. Technical/Professional Writing (3) Prerequisite: Graduate or Post-Baccalaureate Graduate standing. Theoretical and practical exploration of key issues and developments in the field of technical/professional writing. Students will write and publish print and online documents by rhetorically integrating text and graphics using computer aids.