

# 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~~.

---

#### MEMORANDUM

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 Bolk 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 20<sup>th</sup> 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**iterature, **w**riting/**r**hetoric, **C**omposition/Rhetoric, **C**reative Writing, **a**Applied linguistics, English for Specific Purposes
- Concentrations: **e**Children's **L**iterature, **t**Technical/**p**rofessional **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><b>Curriculum</b></p> <p>The curriculum has 3 major curricular components: (1) Core Organizational Science; (2) Research; (3) Electives/Advanced Seminars.</p> <p><u>Core Organizational Science (33 Credits)</u></p> <p>OSCI 8000 Organizational Science Overview (3)</p> <p>OSCI 8002 Ethics and Professional Issues in Org Science (2)</p> <p>OSCI 8003 Writing &amp; Publishing in Organizational Science (1 or 2)</p> <p>OSCI 8610 Micro Organizational Science I (3)</p> <p>OSCI 8611 Macro Organizational Science I (3)</p> <p>OSCI 8620 Micro Organizational Science II (3)</p> <p>OSCI 8621 Macro Organizational Science II (3)</p> <p>OSCI 8130 Social Psychology (3)</p> <p>OSCI 8477 Organizational Science Practicum (1-6, 6 required)</p> <p>OSCI 8001 Current Topics &amp; Events in Org Science (1, 6 Required)</p>	<p><b>Courses</b></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 Credits)</u></p> <p>OSCI 8000 Organizational Science Overview (3)</p> <p>OSCI 8100 Organizational Science Lab (1-2)</p> <p>OSCI 8610 Micro Organizational Science I (3)</p> <p>OSCI 8611 Macro Organizational Science I (3)</p> <p>OSCI 8620 Micro Organizational Science II (3)</p> <p>OSCI 8621 Macro Organizational Science II (3)</p> <p>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.</p> <p>OSCI 8103 Research Design and Quantitative Methods II (3)</p> <p>OSCI 8205 Field and Lab Based Quantitative Research Methods (3)</p> <p>OSCI 8206 Qualitative Research Methods (3)</p> <p>OSCI 8208 Advanced Qualitative Data Analysis (3)</p> <p>OSCI 8948 Independent Pre-Doct Organizational Science Research Project I (3)</p> <p>OSCI 8949 Independent Pre-Doct Organizational</p>

Research (27 Credits)

OSCI 8102 Research Design and Quantitative Methods I (3)

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 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)

Science Research Project II (3)

OSCI 8998 Organizational Science Dissertation I (6)

OSCI 8999 Organizational Science Dissertation II (6)

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)

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

<p>OSCI 8640 Macro Seminar in Organizational Science (3, repeated up to 3 times)</p>	<p>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.</p>
<p>OSCI 8650 Research Methods Seminar in Organizational Science (3, repeated up to 3 times)</p>	
<p>OSCI 8899 Organizational Science Readings and Research (1-3, maximum of 9)</p>	
<p>A student can take up to 9 credits in disciplines outside of</p>	
<p>Organizational Science. To count toward the elective credit, each class must be approved by the program director. They must be at the 6000 or 8000 level. These “outside” courses will typically originate from Psychology, Sociology, Communication Studies, and the College of Business.</p>	

**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)

-

### 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 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:

- the • ENGL 5050 Topics in English (Linguistics topic; must be approved by  
English Graduate Coordinator)
- and • ENGL 5254 Teaching English/Communications Skills to Middle  
Secondary School Learners
- the • ENGL 6070 Topics in English (Linguistics topic; must be approved by  
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~~ 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 (4) (3)  
2101L

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

PHYS 1000 (1)  
requirement (4)

Foreign Language requirement (4)  
requirement (3)

General degree requirement (3)

#### Spring Semester (14 hours)

PHYS 2101 and

MATH

Foreign Language

General degree

### Second Year

#### Fall Semester (16 hours)

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

MATH 2171 (3)  
3141

General degree requirement (3)  
2241 (3)

General degree requirement (3)  
requirement (3)

General degree requirement (3)  
requirement (3)

#### Spring Semester (15 hours)

PHYS

PHYS

MATH

General degree

General degree

### Third Year

#### Fall Semester (15 hours)

PHYS 3121 (3)  
3282 (3) WO

PHYS 3220 (or MATH 2242) (3)  
4231 (3)

#### Spring Semester (15 hours)

PHYS

PHYS

Elective (3)	(3)	Elective
Elective (3)	(3)	Elective
Elective (3)	(3)	Elective

#### Fourth Year

##### Fall Semester (15 hours)

##### Spring Semester (15 hours)

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, ~~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. 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)

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 (3)

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 4222	3220	(or	MATH (3)	2242)	(3)	PHYS
General requirement	(3)			Elective	(3)	degree
Elective (3)			(3)		Elective	

#### Fourth Year

##### Fall Semester (15 hours)

##### Spring Semester (15 hours)

PHYS 3151	4232		(3)	(3)		PHYS
PHYS Elective	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.

### 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 (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)

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

##### Spring Semester (15 hours)

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 3160	3220	(or MATH 3160)	2242) (3)	PHYS
General requirement	(3)		Elective	(3) degree
Elective suggested)	(3)		(PHYS Elective	(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)

Spring Semester (14 hours)

MATH 2101L	1241	(4)	(3)	PHYS 2101	and
CHEM 1242	1251	and	(3)	1251L	(4)
PHYS 1000 requirement	(3)	(1)	General degree requirement	(4)	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 requirement	(3)	(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 16<sup>th</sup> through the 19<sup>th</sup> 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*)

---

### 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 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~~ semesters 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 ~~1111~~ 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 ~~1111~~ 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

<del>ENGL 6070</del>	<del>Semiotics &amp; Interpretation of Signs</del>
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
<del>ITCS 6010</del>	<del>Topics: Virtual Reality</del>
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 ~~6430~~ 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 ~~6416~~ 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. ~~2204L~~. 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

Theory

- COMM 6100 Communication Research Methods
- 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](http://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](http://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, new 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
<b>FRESHMAN AND SOPHOMORE (C or Better)</b>		
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
<b>JUNIOR AND SENIOR (C or Better)</b>		
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
<b>Total Hrs</b>		<b>16</b>

### 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)*