

Arts & Sciences Curriculum Committee Meeting

Report for the Arts & Sciences Curriculum Committee Meeting
Thursday December 7, 2006

The meeting was called to order at 2:00 P.M., in Solms 209. The names of the members present are shown in bold; guests/substitutes are in italic:

Stephen Primatic, Art, Music, & Theatre;
Jennifer Zettler, Biology;
Cathy MacGowan, Chemistry & Physics;
Corie Hammers, Criminal Justice, Social, & Political Science;
Richard McGrath, Economics;
Dick Nordquist, General Studies;
Jim Todesca, History;
Chris Baker, Languages, Literature, & Philosophy;
Greg Knofczynski, Mathematics;
Jonathan Roberts, Psychology;
James Handley, Military Science;
Erik Nordenhaug, Languages, Literature, & Philosophy
David Wheeler, Languages, Literature, & Philosophy
Judy Awong-Taylor, Biology

The minutes of November 3, 2006 were approved

- I. College of Arts and Sciences
 - A. Liberal Studies
 - B. **Chemistry & Physics**

1. **Create the following course:**
PHYS 2900 Introduction to Research in Physics 0-(3-9)-(1-3)
Prerequisite: permission of the department head
Prerequisite or co-requisite: PHYS 2212
Description: Faculty directed physics research project.
Written report required.

CURCAT:

Major Department: Chemistry & Physics
Can course be repeated for additional credit? No
Maximum number of credits: 3
Grading Mode: Normal
Instruction Type: Lecture and Lab

Effective Term: Fall 2007

2. **Create the following course:**

PHYS 4991 Advanced Research in Physics 0-(3-9)-(1-3)
Prerequisite: permission of department head and any 3000-level PHYS course
Description: Faculty directed physics research project. Literature evaluation and lab investigation. Scientific paper and oral presentation to faculty

CURCAT:

Major Department: Chemistry & Physics
Can course be repeated for additional credit? Yes
Maximum number of credits: 9
Grading Mode: Normal
Instruction Type: Lecture and Lab

Effective Term: Fall 2007

3. **Change the prerequisite/corequisite and description of the following:**
CHEM 4200 Advanced Inorganic Chemistry 2-4-3
Prerequisite: CHEM 3200 **and CHEM 3401**
Description: ~~Topics include mechanisms of inorganic reactions, bioinorganic chemistry, solid state, organometallic and others of current interest. Independent research project including a literature search, lab research, and oral presentation of results required.~~
Advanced applications of inorganic chemistry through lab investigations.

Rationale: This description will broaden topics that may be presented in this course to include nanoparticles and computational methods while not dictating a clear list of topics that must be covered by an individual faculty member. The Prerequisite change will put the course more closely in line with the changes in course offerings being implemented in the department.

CURCAT:

Major Department: Chemistry & Physics
Can course be repeated for additional credit? Yes
Maximum number of credits: 9
Grading Mode: Normal
Instruction Type: Lab

Effective Term: FALL 2007

- C. Criminal Justice, Social, & Political Science
D. Economics

1. Create the following course:
ECON 3470 Economics of Health **3-0-3**
Prerequisite: ECON 2106
Description: Analysis of the roles and functions of uncertainty, asymmetric information, externalities, institutions, and government involvement in the health care sector.

Rationale: The health care industry is a very important component of the US economy. This industry has peculiarities that make it worthy of separate study. The economics department now has a faculty member with the expertise to teach this course. This course is replacing ECON 3420 Sports Economics in the curriculum and requires no additional resources.

CURCAT:

Major Department: Economics
Can course be repeated for additional credit? No
Maximum number of credits: 3
Grading Mode: Normal
Instruction Type: Lecture

Effective Term: Fall 2007

2. Create the following course:
ECON 3960 Research in International Economics **V-V-(1-3)**
Prerequisite: permission of department head and supervising faculty member
Description: Research on a topic developed from international study directed by an economics faculty member according to the terms of a signed agreement among the student, supervising faculty member, and department head.

Rationale: The proposed international economics track in the economics major requires delineation between independent research related to study abroad and independent research originating by other means. There is no specific resource impact of this course. It only provides a clarification of the sources of independent study.

CURCAT:

Major Department: Economics
Can course be repeated for additional credit? No
Maximum number of credits: 3
Grading Mode: Normal
Instruction Type: Lecture

Effective Term: Fall 2007

3. Create the following course:
ECON 4450 Comparative Economics 3-0-3
Prerequisite: ECON 2105 or ECON 2106 or permission of instructor
Description: Alternative economics systems as they relate to property rights and incentives, centralization, resource allocation, distribution of income, economic development, and economic transition.

Rationale: This course, which was previously available in the economics major, is being reintroduced for use in study abroad programs for which the department currently creates special topics courses. As such, it will have no resource impact on the department. The course description allows for the course to be taught in a lecture format, but there are no current plans to use the course beyond the international track and for study abroad courses. The course may be repeated up to 6 credit hours depending on the topic and/or destination.

CURCAT:

Major Department: Economics
Can course be repeated for additional credit? Yes
Maximum number of credits: 6
Grading Mode: Normal
Instruction Type: Lecture

Effective Term: Fall 2007

4. Change the course number and graduate prerequisite of the following:
~~ECON 4010, -20, -30~~ **5010, -20, -30U/G** Special Topics in Economics 3-0-3
Graduate Prerequisite: permission of the instructor

Rationale: Special topics courses offered by the economics faculty may be academically appropriate for graduate students in a variety of disciplines, particularly in education and MALPS. Students taking the courses for graduate credit would be required to complete additional readings and an additional or more substantive paper or project beyond the coursework required of undergraduate students.

Effective Term: Fall 2007

5. Change the following prerequisite:
ECON 4550 Public Choice 3-0-3

Prerequisite **or corequisite:** ECON 3060 or permission of the instructor

Rationale: The material from ECON 3060 that is needed for ECON 4550 is taught early enough in the term that the courses may reasonably be taken in the same semester.

Effective Term: Fall 2007

6. Change the prerequisite and course description for the following:
ECON 4900 Economic Methods and Senior Thesis
Prerequisite or corequisite: Econ 3050, ECON 3060, **and ECON 3700**

Description: **Should be taken the last term available before graduation.** Review of the methods and tools of economic analysis culminating in an extensive research report that will be evaluated by a departmental committee. ~~Should be taken the last semester before graduation.~~ **International economics track requires topic related to international economics. Honors senior theses must meet the standards for presentation at a professional conference or submission to a journal.**

Rationale: Reduces the need to cover econometric topics in ECON 4900, allow for a greater focus on other course topics.

Effective Term: Fall 2007

7. Delete the following course:
~~ECON 3420 Sports Economics 3 0 3~~

Rationale: The economics department no longer has a faculty member to teach this course.

Effective Term: Fall 2007

8. Modify the Economics minor:

MINORS
Economics 15 hours
ECON 2105 or 2106
Twelve credit hours selected from: ECON 3050, 3060, 3100, ~~3420~~, 3450, **3470**, 3500, 3600, 3630, 3700, 3800, 4100, 4150, 4400, 4410, 4451, 4460, 4500, 4550, ~~4010-4030~~, **5010-5030U**, 5200U, 5300U, 5310U, 5400U.

9. Modify the Program for the Bachelor of Arts in Economics:

PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS IN ECONOMICS

| | |
|--|----------|
| A. General Requirements | |
| Core Areas A, B, C, D, and E | 42 hours |
| Area F | 18 hours |
| ECON 2105 - Principles of Macroeconomics | |
| ECON 2106 - Principles of Microeconomics | |
| MATH 2220 - Elementary Statistics | |
| MATH 1950 - Applied Math or MATH 1161 - Calculus I | |
| Six credit hours from one of the following areas: | |
| Accounting | |
| ACCT 2101 - Principles of Financial Accounting | |
| ACCT 2102 - Principles of Managerial Accounting | |
| Foreign language sequence (1002 and 2001) required for international track | |
| Mathematics | |
| MATH 2072 - Calculus II | |
| MATH 2083 - Calculus III | |
| Information Technology | |
| CSCI 1150 – Fundamentals of the Internet and World Wide Web | |
| ITEC 1310 – Programming in Visual Basic | |
| Physical Education | 3 hours |
| B. Major Field Courses | 33 hours |
| ECON 3050 - Intermediate Macroeconomics | |
| ECON 3060 - Intermediate Microeconomics | |
| ECON 3700 - Econometrics | |
| ECON 4900 - Economic Methods and Senior Thesis | |
| Twenty four one credit hours drawn from at least three of the following categories: | |
| International Global | |
| ECON 3100 - Multinational Economic Enterprises | |
| ECON 4400 - Seminar in Third World Economic Development | |
| ECON 4450 – Comparative Economics | |
| ECON 5200U - International Trade | |
| ECON 5310U - International Finance | |
| Quantitative | |
| ECON 3600 - Mathematical Economics | |
| ECON 3700 – Econometrics | |
| ECON 3800 - Quantitative Consumer Research | |
| Applied | |
| ECON 3420 – Sports Economics | |
| ECON 3470 – Economics of Health | |
| ECON 3500 - Managerial Economics | |
| ECON 4451 - Industrial Organization | |
| ECON 4460 - Economic Analysis of the Law | |
| ECON 5400U - Economics of Labor | |
| Financial | |
| ECON 4100 - Financial Economics: Portfolio Evaluation | |
| ECON 4150 - Money and Capital Markets | |
| ECON 5300U - Money and Banking | |
| Public Policy and Economic History | |
| ECON 3450 - Environmental Economics | |
| ECON 4410 - Regional Economics | |
| ECON 4500 - Public Finance | |
| ECON 4550 - Public Choice | |
| ECON 5630U - Economic History of the US | |
| Internships and Specialized Courses | |
| ECON 3950 - Research in Economics | |
| ECON 3960 – Research in International Economics | |
| ECON 4010, -20, -30 – Special Topics (with permission of department head) | |
| ECON 4520, -30, -40 - Internship (with permission of department head)(maximum of one internship may count toward degree) | |
| ECON 5010U, -20U, -30U – Special Topics | |
| C. Related Field Courses | 9 hours |
| ITEC 1050 - Introduction to Computer Concepts or CSCI 1060 - Computer Concepts and Applications | |

Six credit hours of upper division courses from the following fields:
anthropology, economics, geography, information technology, mathematics, philosophy,
political science, psychology, or sociology

International Economics Track

The international track requires a language sequence in Area F and at least three credits earned toward the degree in an international study program. Students participating in the international track are expected to choose project, paper, and research topics related to international economics whenever possible.

B. Major Field Courses..... 33 Hours

ECON 3050 - Intermediate Macroeconomics

ECON 3060 - Intermediate Microeconomics

ECON 3700 – Econometrics

ECON 4900 - Economics Methods and Senior Thesis

ECON 5200U - International Trade

ECON 5310U - International Finance

Fifteen credit hours drawn from among the following courses.

ECON 3100 - Multinational Economics Enterprises

ECON 3450 - Environmental Economics

ECON 3470 – Economics of Health

ECON 3500 - Managerial Economics

ECON 3960 – Research in International Economics

ECON 4100 - Financial Economics: Portfolio Analysis

ECON 4150 - Money and Capital Markets

ECON 4400 - Seminar in Third World Economic Development

ECON 4450 – Comparative Economics

ECON 4500 - Public Finance

ECON 5300U - Money and Banking

C. Related Field Courses.....9 hours

ITEC 1050 – Introduction to Computer Concepts and Applications or CSCI

1060 – Computer Concepts and Applications for Science Students

Six credit hours of upper division courses outside the economics discipline approved for the International Studies minor.

D. Electives18 hours

Total Semester Hours 123 hours

E. Regents’ Test, university exit exam, and department exit exam

Rationale: ECON 3700 is becoming a required course since occupational choices for students with economics degrees are becoming more quantitative. Students are also required to complete a senior thesis that duplicates a substantial portion of the content of this course. Requiring this course also removes a growing hidden prerequisite problem.

Rationale for addition of the International Economics Track: The economics major is very broadly defined with few restrictions on course choices within the major. For students preparing to enter professions with an international emphasis, the international track provides a better focus for the program of study and facilitates the marketing of the students’ skills and education. A survey of degree requirements for other programs in international economics was used as the basis for this track.

Description:

The international track is designed along the lines of comparable international economics majors at a number of institutions. The set of required courses is common, and includes economic theory, international courses, and capstone requirements. Some of our upper level courses in international economics have been kept off the required list and remain on the elective list because we cannot yet guarantee their regular availability. As more departmental resources become available, ECON 3100 and ECON 4400 are both likely to become required courses for this program.

The language requirement is in the middle of the range for international economics programs. We require students to complete Intermediate Language I, other programs range from requiring Elementary II to Intermediate II. We require international courses from other disciplines by restricting the upper level related field courses to non-economics courses approved for the international studies minor.

All students completing the international track are required to participate in an international study program and earn at least three credits. Our desire is for students to complete a semester abroad. In practice, many are likely to participate in short international study trips due to constraints on time and/or money. Less than half of the comparable programs require international study.

E. History

F. **Languages, Literature, & Philosophy**

1. **Create the following course:**

ENGL 3141 Bible as Literature 3-0-3

Prerequisites: ENGL 2100 or PHIL 2201 or PHIL 2251

Description: An examination of the Bible from the perspective of literary analysis, focusing on the Bible's historical, generic, and narrative contexts as well as its subsequent influence on Western literature.

CURCAT:

Major Department: Languages, Literature, & Philosophy

Can the course be repeated for additional credit: No

Maximum number of credit hours: 3

Grading Mode: Normal

Instructional Type: Lecture

2. Change the course number, hours, prerequisites, and/or descriptions for the following courses:

a. **FREN 3510, -20, -30 Study Abroad in France 3-0-3**

Prerequisite: FREN 1002 or permission of the instructor

Description: ~~Summer session residence and study in France in conjunction with the Studies Abroad Program of the University System of Georgia. Intensive instruction in language and culture and participation in related activities.~~
A term abroad of French study in conjunction with the University System of Georgia. Intensive instruction complemented by excursions.

Rationale: The current description eliminates the possibility of studying French in the Caribbean, Canada, or Africa by privileging France. The new description will ensure uniformity among the language descriptions for this course level.

Effective Term: Fall 2007

- b. GRMN 2002 Intermediate German II 3-0-3
Prerequisite: eligibility for ENGL 1101 and GRMN 2001
Description: ~~Continued development of reading, writing, listening, and speaking skills.~~ **Continuation of GRMN 2001. Promotion of further awareness of Germanic culture using literary and nonliterary texts with continued development of reading, writing, listening, and speaking skills.**

Rationale: To ensure uniformity among intermediate level II modern language course descriptions.

Effective Term: Fall 2007

- c. GRMN 3510, -20 Study Abroad ~~in Germany~~ 3-0-3
Prerequisite: GRMN 1002 **or permission of instructor**
Description: ~~An 8-9 week summer semester's residence and study at the Friedrich-Alexander-University of Erlangen, Germany. Intensive instruction in the German language and culture, complemented by excursions.~~ **A term abroad of German study in conjunction with the University System of Georgia. Intensive instruction complemented by excursions.**

Rationale: The current description eliminates the possibility of studying German in Austria, Switzerland, or other cities in Germany by privileging one program at a particular university. The new description will allow flexibility as programs develop.

- d. SPAN ~~4050~~ **2050** Spanish for Health Care Systems 3-0-3
Prerequisite: **SPAN 2001** and eligibility for ENGL 1101

Description: Communications skills to deal with Spanish-speaking patients in a wide variety of clinical situations.

Rationale: Previously, this course was diluted to meet CPC deficiencies. Due to a need among area health care providers, the course should be raised a level with the appropriate prerequisites in order to prepare health care professionals better for communicating with the burgeoning Spanish-speaking patient base.

- e. SPAN 3510, -20 Study Abroad 3-0-3
Prerequisite: SPAN 1002 **or permission of the instructor**
Description: ~~A term of study in conjunction with the University System of Georgia. Intensive instruction complemented by excursions. Must have a 3.0 minimum GPA in all previous Spanish course work.~~ **A term abroad of Spanish study in conjunction with the University System of Georgia. Intensive instruction complemented by excursions.**

Rationale: The current description is a barrier to students in good standing. No other class at the university requires a 3.0 GPA to receive credit. The new description will allow flexibility as programs develop.

2. Modify Armstrong's Core Area B: Global Perspectives to include the following:

Core Area B:

Institutional Options.....4-5 hours

2. Global Perspectives2-3 hours

One course selected from:

- ANTH 1150 - Global Perspectives in Anthropology: Peoples of the World
- CHEM 2200 - Science, Technology, and the Modern World
- CRJU 2010 - Universal Justice
- ECON 1150 - Global Economic Problems
- ENGL 2050 - Africa and the Diaspora
- EURO 2000 - Introduction to the European Union
- GEOG 1100 - World Regional Geography
- GEOG 2120 - Cultural Geography
- GWST 2200 - Gender in Global Contexts
- HIST 1111 - Civilization I
- HIST 1112 or HIST 1112H - Civilization II
- HIST 2100 - The African Diaspora
- HLPR 2010 - Culture, Illness, Diagnosis and Treatment
- HONS 2000 - Honors Topics in Global Perspectives
- HUMN/SSCI 2960 – Foreign Language and Culture**
- POLS 1150 - World Politics
- POLS 2290 - Foundations of International Relations
- PSYC 2300 - Global Perspectives in Developmental Psychology I
- Foreign Language 2002 – Intermediate Language II**

Rationale: HUMN/SSCI 2960 are available only through study abroad programs; by definition, they fit the objectives of Core Area B, part 2.

Currently, Foreign Language is not part of our core. Of the 22 system schools that offer foreign languages, fifteen count foreign language classes in core area B or C. Seven schools, AASU among them, do not admit foreign languages as part of the core. In order to stay in step with the majority of the system schools, akin to the move to be more in step with awarding AP credit, it would behoove AASU to include FL 2002 in core area B since this class teaches culture and civilization in the target language (French, German, or Spanish). This in itself recognizes globalization by making students participate in the study of another culture/language. Given that each of these languages is spoken in various countries--not just one--and that 2005 was proclaimed as the year of foreign languages, we should acknowledge their importance and reward students who choose to take this class as an option with core credit. Spanish is spoken by 425,000,000 speakers around the world, is the official language of 21 countries, and numbers among the five most spoken world languages. French is spoken in 44 countries and is one of the official languages of the United Nations. About 129,000,000 speak French as their principal language. Nearly 120,000,000 people speak German in 41 countries as their main language. The European Studies Certificate and the Latin American Studies Certificate that we offer in conjunction with the UGA system have language requirements. Currently, there is a proposed Transatlantic Studies major in the works for the UGA system that will involve course work with international professors and students through Internet and satellite technology. Should the proposed Transatlantic Studies major be approved, students will need to demonstrate at least 3000 level proficiency in the target language to earn a degree in that field. Courses must include readings in the target language to meet a language across the curriculum requirement. Consequently, offering FL 2002 or HUMN 2960 as a core area B option would recruit more students for these majors and certificate programs that promote globalization and internationalization of the curriculum. In addition, Congress has designated 2006 as the Year of Study Abroad and has earmarked \$50 million to promote study abroad. Logically, including a language option in the core should promote study abroad. As a further note, foreign languages are the only area of study with a major within the College of Arts and Sciences that has been excluded from core options.

- G. Mathematics
- H. Psychology
- I. Honors Program