

Undergraduate Academic Council
Minutes
November 16, 2006 3:30pm

Voting Members Present: Dr. Jeff Spurlock, Chairman; Ms. Sheila Bennett, Dr. Amanda Diggs, Dr. Thomas P. Dunn, Dr. Becky Jacobson, Dr. Kimberly Martinez, Ms. April Parker (representing Dr. Judy McCarley), Dr. Cindy McCoy, Dr. Marian Parker, Dr. Steve Ramroop, Dr. James Ryan, Dr. Michael Schraeder, Ms. Donna Schubert, Mr. Chris Shaffer, Dr. Fred Westfall, Dr. Patrice Williams, Dr. Lillian Wise

Voting Members Absent: Mr. James Davis, Dr. Joseph Fielding, Dr. Hank Findley

Non-Voting Members Present: Dr. Alan Belsches, Dr. Hal Fulmer, Ms. Tamara Jones, Ms. Kim Brinkley-Jones (representing Dr. Angie Roling), Dr. Henry Stewart

Non-Voting Members Absent: Dr. Dianne Barron, Mr. Fred Carter, Dr. Maryjo Cochran, Dr. Terry Dixon, Dr. Earl Ingram, Dr. Lance Tatum, Dr. Don Jeffrey, Dr. Ken LaBrant, Ms. Vickie Miles, Dr. Curtis Porter, Dr. Edith Smith, Mr. Buddy Starling, Dr. David White

Guests: Dr. Lisa Ann Blankinship, Dr. Glenn Cohen, Dr. David Dye, Dr. Chris King, Dr. Maury Maryanow, Ms. Diane Porter, Dr. Sam Shelton, Dr. Bill Zhong

I. Chairman Spurlock called the meeting to order and called the roll.

II. Approval of Agenda

By unanimous vote, the agenda was approved.

III. Approval of Minutes

By unanimous vote, the minutes of the October 26, 2006 meeting were approved.

IV. For Consideration by the Council

A. COLLEGE OF ARTS AND SCIENCES

Biology

1. Within the Biology Program, proposed name change of “Cell and Molecular Biology Concentration” to “Biomedical Sciences Concentration.”

By unanimous vote, the Council approved the proposal *pending ACHE approval*.

2. Proposed revision of the course description for BIO 4416/L416 Environmental Microbiology to remove the word “taxonomy,” as shown below:

A study of the diversity and ecology of microbial populations in ecosystems, with the emphasis on the roles that they play in biogeochemical cycles, their contributions to metabolic diversity, their interactions with animals and plants, their niches and bioremediation.

By unanimous vote, the Council approved the proposal.

3. Proposed course name change of BIO 4416/L416 from “Environmental Microbiology” to “Microbial Ecology.”

By unanimous vote, the Council approved the proposal.

English

4. Proposed creation of the following new course:

ENG 44XX, “Theory and Practice of Composition: Writing and Learning Across the Curriculum (3)

A study of the methodology of teaching English composition and practice in advanced writing techniques. *Prerequisites: 6 semester hours of 2000-level English courses.*

By unanimous vote, the Council approved the proposal.

5. Proposed revision of the English-Language Arts Program to replace ENG 4419 with ENG 44XX Theory and Practice of Composition: Writing and Learning Across the Curriculum, as shown below:

Required Courses for Language Arts

DRA 2211	(1)	Theatre for Youth
DRA 2245	(1)	Stagecraft Lab
DRA 3301	(2)	Acting I
DRA 4451	(3)	Directing I
ENG 3341	(3)	Advanced Grammar
ENG 3371	(3)	Literature for Young Adults
ENG 4405	(3)	History of Language
ENG 4419	(3)	Advanced Writing
ENG 44XX	(3)	Theory and Practice of Composition: Writing and Learning Across the Curriculum
JRN 3326	(3)	Advising Student Publications
SPH 3342	(3)	Argumentation and Debate
SPH 4441	(2)	Oral Interpretation

Select twelve hours of upper division English electives, six of which must be at the 4000 level, three of which may be upper-level creative writing

By unanimous vote, the Council approved the proposal..

6. Proposed revision of the prerequisites for ENG 3345 to include permission of instructor, as shown below:

Prerequisite: ENG 2260 or permission of the instructor.

By unanimous vote, the Council approved the proposal.

7. Proposed revision of the course description for ENG 4419 Advanced Writing as shown below:

Provides students the opportunity to write, review, and evaluate texts relevant to the professions they plan to enter and to apply rhetorical analysis to specific writing situations.

By unanimous vote, the Council approved the proposal.

8. Proposed revision of the prerequisites for ENG 4488 to include permission of instructor, as shown below:

Prerequisites: senior class standing, ENG 2260, and completion of at least three required courses and three electives in the major or permission of the instructor.

By unanimous vote, the Council approved the proposal.

9. Proposed revision of the course description for ENG 4490, as shown below:

Writing Practicum/Internship at a local industry, publisher, arts or public agency. Provides workplace experiences in solving problems in writing, including those of career preparation and development.

By unanimous vote, the Council approved the proposal.

10. Proposed revision of the prerequisites for ENG 4490 to include permission of instructor, as shown below:

Prerequisite: ENG 2260, and completion of at least three required courses and three electives in the major or permission of the instructor.

By unanimous vote, the Council approved the proposal.

11. Proposed revision to the English Minor, Professional Writing Emphasis (18 hours), to include ENG 4488 and 4490 in the “select” block, as shown below:

English Minor, Professional writing emphasis (18 hours)

ENG 2260 (3) Introduction to Technical and Professional Writing
ENG 3345 (3) Technical and Professional Editing
ENG 3365 (3) Advanced Technical and Professional Writing
ENG 3366 (3) Professional Document Design

Select an additional six hours from the following:

ENG 3320 (3) Introduction to Linguistics
ENG 3351 (3) Creative Writing I
ENG 3352 (3) Creative Writing II
ENG 4400 (3) Selected Topics
ENG 4405 (3) History of English Language
ENG 4419 (3) Advanced Writing
ENG 4488 (3) Seminar in Professional Writing Portfolio Design
ENG 4490 (3) Professional Writing Internship

By unanimous vote, the Council approved the proposal. (Note: ENG 4419 was previously listed incorrectly as ENG 3342. This error is corrected.)

12. In addition to the preceding actions, two editorial (non-substantive) changes were noted for English course descriptions, as shown below:

a. ENG 3345

Principles and practices of editing technical and scientific documents. Overview of the editing process; defining the editor's rules and responsibilities, revising at structural and sentence levels, and addressing stylistic conventions of technical fields. Includes technical and scientific documents such as reports, proposals, and user manuals.

▪ **ENG 3365**

Study of technical communication as a dynamic process in organizational and social environments, including the manner in which organizational hierarchies, purposes, and stylistic conventions interact with the writing process. Professional literature and professional associations concerned with improving communications within students' disciplines.

Geomatics

13. Proposed name change of the “Geomatics Major” to “Surveying and Geomatics Sciences Major.”

The name change was unanimously approved *pending ACHE approval*.

Computer Science

14. Proposed name change of the “Applied Computer Science Major” to “Computer Science Major.”

The name change was unanimously approved *pending ACHE approval*.

15. Proposed revision of the requirements for the Computer Science Major as shown below:

Major Requirements

CS 2244(3) Computer Programming I
CS 2260(3) Computer Programming II
CS 3330 (3) Data Structures and Algorithms
CS 4420 (3) Intro to Database Management
CS 4445 (3) Data Communications
CS 4448 (3) Operating Systems

Select one of the following concentrations:

• **General Concentration**

CS 2261 Foundations of Computer Science
CS 3365 Intro to Computer Organization and Architectures
CS 3332 Software Engineering I

Select 9 hours of Advisor approved CS courses

- **Applied Concentration**
CS 2265 Adv. Programming I
CS 4447 Systems Analysis & Design
Select 12 hours of Advisor approved CS courses

The revision of the computer science major change was unanimously approved *pending ACHE approval*.

Chemistry

16. Proposed removal of MTH 1115 from Area III of the general studies program for the the chemistry major and the chemistry program.

By unanimous vote, the Council approved the proposal.

17. Proposed movement of MTH 1125 from Area V to Area III of the general studies program for the chemistry major and the chemistry program.

By unanimous vote, the Council approved the proposal.

Mathematics

18. Proposed creation of a new mathematics course as shown below:

MTH 44XX Senior Seminar, variable credit 1-3 hours

Individualized study of a topic in mathematics culminating in a written and oral presentation. Prerequisite: MTH 3318 and senior status.

By unanimous vote, the Council approved the proposal.

19. Proposed creation of a new mathematics course as shown below:

MTH 44XX Introduction to Algorithmic Graph Theory (3)

The elements of the theory and algorithms of graphs and hypergraphs with motivating examples from computer science, networking, scheduling, biology, etc.; algorithms, complexity, data structures, shortest paths, spanning trees, depth-first search, planar graphs, coloring of graphs and hypergraphs. Prerequisites: MTH 3331, computer programming course, or permission of instructor.

By unanimous vote, the Council approved the proposal.

20. Proposed revision of the mathematics major as shown below:

MATHEMATICS MAJOR (38 HOURS)

Specialized General Studies Requirements

Area III

BIO 1100	(3)	Principles of Biology
BIO L110	(1)	Principles of Biology Lab
MTH 1125	(4)	Calculus I (Preferred)

Select a four hour course/lab combination from the following:

CHM 1142	(3)	General Chemistry I
CHM L142	(1)	General Chemistry I Lab
PHY 2252	(3)	General Physics I
PHY L252	(1)	General Physics I Lab
SCI 2233	(3)	Physical Science
SCI L233	(1)	Physical Science Lab
SCI 2234	(3)	Earth and Space Science
SCI L234	(1)	Earth and Space Science Lab

~~Select three or four hours from the following. Note that MTH 1125 is preferred.~~

MTH 1112	(3)	Pre-calculus Algebra
MTH 1114	(3)	Pre-calculus Trigonometry
MTH 1115	(4)	Pre-Calculus Algebra and Trigonometry

Area V

TROY 1101	(1)	University Orientation
MTH 1114	(3)	Pre-calculus Trigonometry (if not taken in Area III)
MTH 1125	(4)	Calculus I (if not taken in Area III)
MTH 2220	(3)	Computer Programming for Mathematics

Requirements for the Major

MTH 1126	(4)	Calculus II
MTH 2227	(4)	Calculus III
MTH 3311	(3)	Differential Equations
MTH 3318	(3)	Introduction to Advanced Mathematics
MTH 3331	(3)	Linear Algebra
MTH 4424	(3)	Real Analysis I
MTH 4441	(3)	Abstract Algebra I

Select one of the following:

MTH 4425	(3)	Real Analysis II
MTH 4442	(3)	Abstract Algebra II

Or both of the following:

MTH 4451	(3)	Mathematical Statistics I
MTH 4452	(3)	Mathematical Statistics II

Students selecting MTH 4451 and MTH 4452: select 9 more hours of mathematics courses at the 3000 level and above (excluding MTH 4481).

Students selecting MTH 4425 or MTH 4442: select 12 hours of mathematics courses at the 3000 level and above (excluding MTH 4481).

Students seeking Alabama teacher certification must select MTH 3325 and MTH 4451.

By unanimous vote, the Council approved the proposal.

21. Proposed revision of the prerequisites for MTH 4422 s to include MTH 2220.

By unanimous vote, the Council approved the proposal.

Political Science

22. Proposed revision of course prerequisites for POL 2260 World Politics to include POL 3351 International Relations.

The proposal was tabled pending further research.

BS in Criminal Justice, Western Region

23. Proposal to offer the Bachelor of Science in Criminal Justice in the Western Region (Colorado Springs, CO).

By unanimous vote, the Council approved the proposal.

B. COLLEGE OF COMMUNICATION AND FINE ARTS

Foreign Language

1. Proposed revision to the prerequisites of various foreign language courses, as shown below.

FRN 1102	<i>Prerequisite: FRN 1101 or permission of instructor.</i>
FRN 2201	<i>Prerequisite: FRN 1102 or permission of instructor.</i>
FRN 2202	<i>Prerequisite: FRN 2201 or permission of instructor.</i>
FRN 3301	<i>Prerequisite: FRN 2202 or permission of instructor.</i>
FRN 3302	<i>Prerequisite: FRN 2202 or permission of instructor.</i>
FRN 3303	<i>Prerequisite: FRN 3301 or FRN 3302 or permission of instructor.</i>
FRN 3310	<i>Prerequisite: Permission of instructor.</i>
FRN 3311	<i>Prerequisite: Permission of instructor.</i>
FRN 4401	<i>Prerequisite: FRN 3301 or FRN 3302 or permission of instructor.</i>
FRN 4402	<i>Prerequisite: FRN 3301 or FRN 3302 or permission of instructor.</i>
GER 1122	<i>Prerequisite: GER 1121 or permission of instructor.</i>
GER 2221	<i>Prerequisite: GER 1122 or permission of instructor.</i>
GER 2222	<i>Prerequisite: GER 2221 or permission of instructor.</i>
GRK 1112	<i>Prerequisite: GRK 1111 or permission of instructor.</i>
LAT 1132	<i>Prerequisite: LAT 1131 or permission of instructor.</i>
LAT 2231	<i>Prerequisite: LAT 1132 or permission of instructor.</i>
LAT 2232	<i>Prerequisite: LAT 2231 or permission of instructor.</i>
LAT 3331	<i>Prerequisite: LAT 2232 or permission of instructor.</i>
SPN 1142	<i>Prerequisite: SPN 1141 or permission of instructor.</i>
SPN 2241	<i>Prerequisite: SPN 1142 or permission of instructor.</i>

SPN 2242	<i>Prerequisite: SPN 2241 or permission of instructor.</i>
SPN 3332	<i>Prerequisite: SPN 2242 or permission of instructor.</i>
SPN 3333	<i>Prerequisite: SPN 2242 or permission of instructor.</i>
SPN 3350	<i>Prerequisite: Permission of instructor.</i>
SPN 3357	<i>Prerequisite: Permission of instructor.</i>
SPN 4447	<i>Prerequisite: SPN 2242 or permission of instructor.</i>
SPN 4450	<i>Prerequisite: SPN 2242 or permission of instructor.</i>

By unanimous vote, the Council approved the proposal.

Speech

2. Proposed revision of the course description for SPH 2241, Fundamentals of Speech, as follows:

This course is a study of the principles and practices basic to public speaking. This course is designed to enhance the student’s verbal and non-verbal communication skills through oral communication theory and practical application.

By unanimous vote, the Council approved the proposal.

V. By unanimous vote, the Council adjourned.