MINUTES OF THE CURRICULUM AND POLICY COMMITTEE
OF THE COLLEGE OF LIBERAL ARTS,
MEETING NO. 345, 18 September 2003, VENTRESS HALL

Present: Dr. Glenn Hopkins (Dean), Dr. Ronald Vernon (Associate Dean), Dr. Jan Murray (Associate Dean), Dr. Holly Reynolds (Assistant Dean), Dr. Charles Ross (African American Studies), Dr. Nancy Wicker (Art), Dr. Murray Nabors (Biology), Dr. Chuck Hussey (Chemistry), Dr. Joe Urgo (English), Dr. Deborah Barker (Gender Studies), Dr. R.P. Major (Geology), Dr. Jeff Watt for Dr. Bob Haws (History), Dr. Stuart Bullion (Journalism), Dr. Tom Marshall (Physics), Dr. Tristan Denley (Mathematics), Dr. George Everett (Modern Languages), Dr. Steve Brown (Music), Dr. Rich Forgette (Political Science), Dr. Michael Allen (Psychology), Dr. David Swanson (Sociology/Anthropology), Dr. Scott McCoy (Theatre Arts), Dr. Lucien Cremaldi (Category 1 representative).

Absent: LTC Maurice Kilpatrick (Air Force ROTC/Aerospace Studies), Dr. Aileen Ajootian (Classics), Dr. Conrad Cunningham (Computer Science), Mark van Boening (Economics), Dr. Michael Metcalf (International Studies), Lt. Capt. Joseph Blackburn (Military Science), Capt. Ronald Zaparach (Naval Science), Michael Harrington (Philosophy and Religion), Dr. Charles Wilson (Southern Studies), Dr. Anne Quinney (Category II representative).

The following course changes, additions, and deletions were approved by the committee.

I. COURSE ADDITIONS, CHANGES, AND DELETIONS

AEROSPACE STUDIES
ADD: **AS 105. BASIC TRAINING.** Credit for successful completion of basic training in the United States Air Force. (Z-grade) (4).

BIOLOGY
ADD: **BISC 370. INTRODUCTORY MOLECULAR GENETICS.** An introductory course emphasizing structure and function of DNA. The molecular biology of human genetics is introduced. Prerequisites: BISC 160. (3)

ENGLISH
ADD: **ENGL 468. TOPICS IN FILM STUDIES.** Advanced study of specific genres, historical periods, directors, or themes. Content varies; may be repeated once for credit. (3)
ADD: **ENGL 426. MODERN BRITISH DRAMA.** British drama from the 20th century to the present. (3)

HISTORY
ADD: **HIS 339. AFRICAN-AMERICAN WOMEN'S HISTORY.** (Same as AAS 362 and GST 362). (3).
ADD: **HIS 340. SCIENCE IN THE MODERN WORLD.** The course examines how science and technology became the defining features of the modern world, and how in turn the conditions of modern life have shaped our views of the natural world. (3).
ADD: **HIS 341. THE DARWINIAN REVOLUTION.** The course traces the origins, development and consequences of evolutionary thought in the Western world. (3).
DELETE: **HIS 309. UNITED STATES DIPLOMACY TO 1898.** The evolution of U.S. foreign policy from the French and Indian War through the Spanish-American War. (3).

DELETE: **HIS 317. BIOGRAPHICAL HISTORY OF THE UNITED STATES.** History of the United States through the lives of representative personalities. (3).

DELETE: **HIS 381. HISTORY OF MEDICINE.** The evolution of medical thought from the Greeks to the 20th century and the development of the medical profession will be presented along with the changing conceptions and definitions of disease and the evolution of methods for treating and preventing illness. (3).

CHANGE: **HIS 320. UNITED STATES MILITARY HISTORY.** The development of the armed forces of the United States from 1775. Military institutions will be viewed in terms of their relationship to the wider context of U.S. history. (Same as MSC 340). (3).

TO: **HIS 320. UNITED STATES MILITARY HISTORY.** The development of the armed forces of the United States from 1775. Military institutions will be viewed in terms of their relationship to the wider context of U.S. history. (Same as MSC 340). (3).

CHANGE: **HIS 660. READINGS IN GENDER HISTORY OF MODERN EUROPE.** Topics in the gender history of modern Europe and its colonial empires. (3).

TO: **HIS 660. READINGS IN GENDER HISTORY OF MODERN EUROPE.** Topics in the gender history of modern Europe and its colonial empires. (Same as GST 660). (3).

**MATHEMATICS**

ADD: **MATH 775. SEMINAR IN STATISTICS.** Prerequisite: consent of instructor. (May be repeated for credit up to a maximum of 9 hours). (3)

**MILITARY SCIENCE**

ADD: **MSL 105. BASIC TRAINING.** Credit for successful completion of basic training in the United Stated Army. (Z-grade) (4).

**NAVAL SCIENCE**

ADD: **NSC 105. BASIC TRAINING.** Credit for successful completion of basic training in the United States Navy or the United States Marine Corps. (Z-grade) (4).

**PHYSICS & ASTRONOMY**

CHANGE: **ASTR 101, 102. DESCRIPTIVE ASTRONOMY I, II.** Lectures, text assignments, and observations through the telescope. (Twice weekly in daytime; once a week at night). (3, 3).

TO: **ASTR 101, 102. DESCRIPTIVE ASTRONOMY I, II.** Lectures, text assignments, and observations through the telescope. (Twice weekly in daytime; once a week at night). (3, 3).
ASTR 101, 102. DESCRIPTIVE ASTRONOMY I, II. Lectures, text assignments, and observations through the telescope. (Twice weekly in daytime; once a week at night). (3, 3).

CHANGE: ASTR 103, 104. ASTRONOMY I, II. Lectures, demonstrations in astronomy, laboratory experiences in celestial mechanics and light, and observations through an optical telescope in an integrated lecture-laboratory sequence. (Lecture meets twice weekly in the daytime, laboratory meets once weekly in the afternoon or at night). (3, 3).

TO: ASTR 103-104. ASTRONOMY I, II. Lectures, demonstrations in astronomy, laboratory experiences in celestial mechanics and light, and observations through an optical telescope in an integrated lecture-laboratory sequence. (Lecture meets twice weekly in the daytime, laboratory meets once weekly in the afternoon or at night). (3, 3).

ASTR 103, 104. ASTRONOMY I, II. Lectures, demonstrations in astronomy, laboratory experiences in celestial mechanics and light, and observations through an optical telescope in an integrated lecture-laboratory sequence. (Lecture meets twice weekly in the daytime, laboratory meets once weekly in the afternoon or at night). (3, 3).

CHANGE: PHYS 101, 102. INTRODUCTION TO PHYSICS I, II. Overview of topics of current interest in physics with emphasis on research activities in the field. (1, 1).

TO: PHYS 101-102. INTRODUCTION TO PHYSICS I, II. Overview of topics of current interest in physics with emphasis on research activities in the field. (1, 1).

PHYS 104, 102. INTRODUCTION TO PHYSICS I, II. Overview of topics of current interest in physics with emphasis on research activities in the field. (1, 1).

CHANGE: PHYS 107, 108. PHYSICAL SCIENCE I, II. Lectures, demonstrations, and laboratory exercises on topics relating to a study of the physical universe. Included is a survey of physics, astronomy, and chemistry in an integrated lecture-laboratory sequence. Prerequisite for PHYS 108; PHYS 107 or consent of instructor. (3, 3).

TO: PHYS 107-108. PHYSICAL SCIENCE I, II. Lectures, demonstrations, and laboratory exercises on topics relating to a study of the physical universe. Included is a survey of physics, astronomy, and chemistry in an integrated lecture-laboratory sequence. Prerequisite for PHYS 108; PHYS 107 or consent of instructor. (3, 3).

PHYS 107, 108. PHYSICAL SCIENCE I, II. Lectures, demonstrations, and laboratory exercises on topics relating to a study of the physical universe. Included is a survey of physics, astronomy, and chemistry in an integrated lecture-laboratory sequence. Prerequisite for PHYS 108; PHYS 107 or consent of instructor. (3, 3).

CHANGE: PHYS 211, 212. PHYSICS FOR SCIENCE AND ENGINEERING I, II. General physics taught with the aid of calculus. (211, 222 must be taken concurrently. 211, 212, with 221, 222 satisfies the engineering and science major requirements for physics.) Prerequisite or corequisite with consent of instructor: MATH 261. (3, 3).

TO: PHYS 211-212. PHYSICS FOR SCIENCE AND ENGINEERING I, II. General physics taught with the aid of calculus. (221, 222 must be taken concurrently. 211, 212, with 221, 222 satisfies the engineering and science major requirements for physics.) Prerequisite or corequisite with consent of instructor: MATH 261. Corequisites: PHYS 221, MATH 261. (3, 3).

PHYS 211, 212. PHYSICS FOR SCIENCE AND ENGINEERING I, II. General physics taught with the aid of calculus. (221, 222 must be taken concurrently. 211, 212, with 221, 222 satisfies the engineering and science major requirements for physics.) Prerequisite or corequisite with consent of instructor: MATH 261. Prerequisite: PHYS 211. Corequisites: PHYS 221 and MATH 262. (3, 3).
**PHYS 213, 214. GENERAL PHYSICS I, II.** Mechanics, heat, sound, light, magnetism, and electricity. (PHYS 223, 224 must be taken concurrently. PHYS 213, 214 with 223, 224 satisfies the physics requirement for pre-pharmacy and pre-medical students.) Prerequisite: MATH 121 and 123 or 261. (3, 3).

**PHYS 213, 214. GENERAL PHYSICS I, II.** Mechanics, heat, sound, light, magnetism, and electricity. (PHYS 223, 224 must be taken concurrently. PHYS 213, 214 with 223, 224 satisfies the physics requirement for pre-pharmacy and pre-medical students.) Prerequisite: MATH 121 and 123 or 261. Corequisite: PHYS 223. (3, 3).

**PHYS 215. PHYSICS FOR PHARMACEUTICAL SCIENCES.** A study of physics topics relevant to a program of study in pharmaceutical sciences. Lectures and coordinated laboratory exercises in classical and modern physics. Prerequisite: MATH 261. (4)

**PHYS 215. PHYSICS FOR PHARMACEUTICAL SCIENCES.** A study of physics topics relevant to a program of study in pharmaceutical sciences. Lectures and coordinated laboratory exercises in classical and modern physics. Prerequisite: MATH 261 and consent of pharmacy dean. (4)

**PHYS 221, 222. LABORATORY PHYSICS FOR SCIENCE AND ENGINEERING I, II.** Laboratory experiments coordinated with lecture topics in PHYS 211, 212. Corequisite: PHYS 211, 212. (1, 1).

**PHYS 221, 222. LABORATORY PHYSICS FOR SCIENCE AND ENGINEERING I, II.** Laboratory experiments coordinated with lecture topics in PHYS 211, 212. Corequisite: PHYS 211, 212. (1, 1).

**PHYS 223, 224. LABORATORY PHYSICS I, II.** Laboratory experiments coordinated with lecture topics in PHYS 213, 214. Corequisite: PHYS 213, 214. (1, 1)

**PHYS 223, 224. LABORATORY PHYSICS I, II.** Laboratory experiments coordinated with lecture topics in PHYS 213, 214. Corequisite: PHYS 213, 214. (1, 1)

**PHYS 223. 224. LABORATORY PHYSICS I, II.** Laboratory experiments coordinated with lecture topics in PHYS 213, 214. Corequisite: PHYS 213, 214. Prerequisite: PHYS 223. (1, 1)

**PHYS 303. PHYSICAL THEORY.** Physical principles of both classical and modern physics formulated as mathematical problems in differential and integral calculus. Intended for those who have taken PHYS 213, 214. Prerequisite: either PHYS 211, 212, or 213, 214, and MATH 261, 262. (3).

**PHYS 303. PHYSICAL THEORY.** Physical principles of both classical and modern physics formulated as mathematical problems in differential and integral calculus. Intended for those who have taken PHYS 213, 214. Prerequisite: either PHYS 211, 212, or 213, 214, and MATH 261, 262. (3).

**PHYS 313. PHYSICS AND BIOPHYSICS OF AIR AND WATER.** The basic physical properties of air and water are described as well as the effect of these properties on various biological processes and organisms. (3).

**PHYS 313. PHYSICS AND BIOPHYSICS OF AIR AND WATER.** The basic physical properties of air and water are described as well as the effect of these properties on various biological processes and organisms. Prerequisite: PHYS 212 or 214. (3).
CHANGE: **PHYS 315. RADIATION SCIENCE.** Introductory lectures and demonstrations on the interaction of radiation with matter with application to physical and biological systems. Prerequisite: consent of instructor. (3).

TO: **PHYS 315. RADIATION SCIENCE.** Introductory lectures and demonstrations on the interaction of radiation with matter with application to physical and biological systems. Prerequisite: consent of instructor. PHYS 212 or 214. (3).

CHANGE: **PHYS 401, 402. ELECTROMAGNETIC THEORY I, II.** Electrostatics, electric and magnetic properties of matter, Maxwell’s equations and their solution, propagation and radiation of electromagnetic waves. Prerequisite: PHYS 308, 310. (3).

TO: **PHYS 401, 402. ELECTROMAGNETIC THEORY I, II.** Electrostatics, electric and magnetic properties of matter, Maxwell’s equations and their solutions, propagation and radiation of electromagnetic waves. Prerequisite: PHYS 308, 310 PHYS 212; Corequisite MATH 353. (3–4).

**PHYS 401, 402. ELECTROMAGNETIC THEORY I, II.** Electrostatics, electric and magnetic properties of matter, Maxwell’s equations and their solutions, propagation and radiation of electromagnetic waves. Prerequisite: PHYS 308, 310 401. (3, 3).

CHANGE: **PHYS 413. INTRODUCTION TO BIOPHYSICS.** Selected topics in biomechanics, bioelectricity, ionic and molecular transport, biophysical kinetics, radiation biophysics, body temperature regulation and biophysical measurements and techniques. (3).

TO: **PHYS 413. INTRODUCTION TO BIOPHYSICS.** Selected topics in biomechanics, bioelectricity, ionic and molecular transport, biophysical kinetics, radiation biophysics, body temperature regulation and biophysical measurements and techniques. Prerequisites: PHYS 212 or 214 and MATH 262. (3).

CHANGE: **PHYS 417. MODERN PHYSICS LABORATORY.** Basic application of theories of measurement, instrumentation and error to laboratory research. Experiments in classical and modern physics including measurements of fundamental constants, vacuum technology, Mossbauer effect, EST, and Hall effect, and advanced experiments in nuclear and particle physics. (Laboratory course). Prerequisite: PHYS 321 or consent of instructor. (4).

TO: **PHYS 417. MODERN PHYSICS LABORATORY.** Basic application of theories of measurement, instrumentation and error to laboratory research. Experiments in classical and modern physics including measurements of fundamental constants, vacuum technology, Mossbauer effect, EST, and Hall effect, and advanced experiments in nuclear and particle physics. (Laboratory course). Prerequisite: PHYS 321 or consent of instructor. (4).

CHANGE: **PHYS 422. DIGITAL ELECTRONICS AND MICROPROCESSORS.** Introduction to digital techniques, logic circuits, registers and microcomputer basics; microprocessor interfacing to scientific instrumentation. (lecture-laboratory course). Prerequisite: PHYS 321. (3).

TO: **PHYS 422. DIGITAL ELECTRONICS AND MICROPROCESSORS.** Introduction to digital techniques, logic circuits, registers and microcomputer basics; microprocessor interfacing to scientific instrumentation. (lecture-laboratory course). Prerequisite: PHYS 321. (3).

CHANGE: **PHYS 451. INTRODUCTION TO QUANTUM MECHANICS.** An introduction to nonrelativistic quantum mechanics; the Schrodinger equation and its application to simple systems. (3).

TO: **PHYS 451. INTRODUCTION TO QUANTUM MECHANICS.** An introduction to nonrelativistic quantum mechanics; the Schrodinger equation and its application to simple systems. Prerequisites: PHYS 308 and 318 or consent of instructor. (3).
CHANGE: **PHYS 461. SENIOR SEMINAR.** A discussion of current topics in physics. Intended primarily for undergraduates. Prerequisite: senior standing and consent of instructor. (1)

TO: **PHYS 461. SENIOR SEMINAR.** A discussion of current topics in physics. Intended primarily for undergraduates. Prerequisite: senior standing and consent of instructor. (1)

CHANGE: **PHYS 463. SENIOR RESEARCH PROJECT.** An individual research project involving an experimental or theoretical investigation for which a written report is required. Prerequisite: senior standing and consent of selected research director. (1-3).

TO: **PHYS 463. SENIOR RESEARCH PROJECT.** An individual research project involving an experimental or theoretical investigation for which a written report is required. Prerequisite: senior standing and consent of selected research director, instructor. (1-3).

CHANGE: **PHYS 521. ACOUSTICS.** Mathematical description of sound propagation with various boundary conditions. Prerequisite: PHYS 401, 402. (3).

TO: **PHYS 521. ACOUSTICS.** Mathematical description of sound propagation with various boundary conditions. Prerequisite: PHYS 401, 402 or graduate status, (3).

CHANGE: **PHYS 522. ACOUSTICS LABORATORY.** A laboratory course to complement an acoustics lecture course; emphasis of a study of wave phenomena and acoustical measurements. Pre- or corequisite: PHYS 521. (1).

TO: **PHYS 522. ACOUSTICS LABORATORY.** A laboratory course to complement an acoustics lecture course; emphasis of a study of wave phenomena and acoustical measurements. Pre- or corequisite: PHYS 521 or graduate status. (1).


CHANGE: **PHYS 533, 534. SURVEY OF TOPICS IN PHYSICS.** Topics of special interest to teachers of life and physical sciences. Not applicable to a professional degree in physics. Prerequisite: consent of instructor. (3, 3).

TO: **PHYS 533, 534. SURVEY OF TOPICS IN PHYSICS I.** Topics of special interest to teachers of life and physical sciences. Not applicable to a professional degree in physics. Prerequisite: consent of instructor. (3-4).

**PHYS 533, 534. SURVEY OF TOPICS IN PHYSICS II.** Topics of special interest to teachers of life and physical sciences. Not applicable to a professional degree in physics. Prerequisite: PHYS 533 or consent of instructor. (3-4).

CHANGE: **PHYS 551, 552. THEORETICAL PHYSICS I, II.** Mathematical aspects of the theoretical formulation of classical and modern physics. (3, 3).

TO: **PHYS 551, 552. THEORETICAL PHYSICS I, II.** Mathematical aspects of the theoretical formulation of classical and modern physics. Prerequisite: PHYS 308 or graduate status, (3-4).

**PHYS 551, 552. THEORETICAL PHYSICS I, II.** Mathematical aspects of the theoretical formulation of classical and modern physics. Prerequisite: PHYS 551, (3-4).
POLITICAL SCIENCE

CHANGE: **POL 332. CONTEMPORARY TERRORISM.** A systematic study of transnational terroristic disorder. Societal manifestations, prophylaxis and survival. (3).

TO: **POL 332. CONTEMPORARY TERRORISM** | **ETHNIC CONFLICT AND INTERNATIONAL TERRORISM.** A systematic study of transnational terroristic disorder. Societal manifestations, prophylaxis and survival. A study of the sources, consequences of ethnic conflict and international terrorism. (3).

ADD: **POL 342. EXPLORING GLOBAL FUTURES.** Examines the connection between values and politics in the international arena. Computer simulation shows how contemporary decisions affect future global scenarios. (3).

ADD: **POL 638. INTERNATIONAL ORGANIZATIONS AND COOPERATION.** Analysis of state cooperation in an anarchic international system and the use of formal international organizations by states. (3).

The committee approved the following additional changes:

**II. OTHER CATALOG CHANGES**

**POLITICAL SCIENCE**

*On page 106 of the 2003-04 Graduate Catalog:*

CHANGE: **Requirements** • A student enrolled in the doctoral program will be admitted to candidacy when the following requirements have been satisfied: (1) a minimum of 60 semester hours of graduate-level course work in political science have been completed, including course work for the M.A. (done at The University of Mississippi or elsewhere), but excluding credit for the thesis or internship, (2) the methodology requirement has been met; and (3) the written and oral portions of the comprehensive examination have been passed.

TO: **Requirements** • A student enrolled in the doctoral program will be admitted to candidacy when the following requirements have been satisfied: (1) a minimum of 54 semester hours of graduate-level course work in political science have been completed, including course work for the M.A. (done at The University of Mississippi or elsewhere), but excluding credit for the thesis or internship, (2) the methodology requirement has been met; and (3) the written and oral portions of the comprehensive examination have been passed.

**SOCIOLGY**

*On page 183 of the 2003-04 Undergraduate Catalog:*

CHANGE: A MAJOR IN SOCIOLOGY FOR THE B.A. DEGREE requires 30 semester hours, including Sociology 101, 401, and 405.

TO: A MAJOR IN SOCIOLOGY FOR THE B.A. DEGREE requires 30 semester hours, including Sociology 101, **365** 401, and **468** 405 **and two of the following three courses:** Sociology 325, 413, and 427.

**COLLEGE OF LIBERAL ARTS**

*On page 121 of the 2003-04 Undergraduate Catalog:*

DELETE: CLEP General Examinations. Six semester hours of credit are granted in each of three General Examinations – social sciences/history, humanities, and natural sciences – to students who earn scores consistent with the American Council on Education recommendations. After earning 24 hours of college credit, a student is no longer eligible to earn credit by means of the CLEP General Examinations.
III. Other Business

1. Dean Hopkins handed information concerning the new academic calendar for 2004-2005. He made special mention of the shortened semesters and the creation of Winter Intercession.

2. Dean Hopkins provided the committee members with Bill McCartney’s memo to Dr. Staton regarding the Freshman Center. He mentioned that a more systematic discussion of the Freshman Center will take place in the College once the committee members were familiar with Mr. McCartney’s proposal.

3. Dean Hopkins reminded the committee members that equipment requests were due to the Dean’s office on Monday, September 22.

4. Assistant Dean Reynolds reminded the committee members that the Associates and Partners memo had been sent out from Dr. Eftink’s office and that the form needs the Dean’s signature. She also reminded the members that the TACIT Program applications were due to Dr. Eftink by Friday, September 26.