

REPORT: COMMITTEE ON CURRICULA AND COURSES
(For consideration by the Faculty Senate at its June 29, 1999)

The Committee requests that any department which has a proposal being recommended by the Committee on Curricula and Courses provide a spokesperson to attend the Faculty Senate meeting in which said proposal is to be recommended. Please contact David Berube in advance if errors are noted.

Telephone: 777-6663 or E-mail: berube@garnet.cla.sc.edu

I. COLLEGE OF ENGINEERING

Change in cross-listing, prerequisites and description

FROM: EECE 501 COMPILERS. (3) (Prereq: EECE 352) Compiler design and implementation.

TO: EECE 501 COMPILER CONSTRUCTION. [=CSCI 531] (3)
(Prereq: CSCI 330 or (EECE 311 and EECE 352)
Techniques of design and implementation of compilers.
Development of a small compiler.

FROM: EECE 503 DATABASE ENGINEERING. (3) (Prereq: EECE 352)
An introduction to conceptual database design. CASE tools.
Relational and object-oriented DBMS's. Intelligent and
CAD databases.

TO: EECE 503 DATABASE DESIGN. [=CSCI 520] (3) (Prereq:
CSCI 220 or EECE 352 or GEOG 563) Database
management systems. Database design. Data models.
Database languages. Data protection.

II. COLLEGE OF JOURNALISM AND MASS COMMUNICATIONS

Change in curriculum, University Bulletin, page 124

NOTE: The curriculum change is not available through the Web at this time. A printed copy has been sent to your Deans, Department Chairs, and Senators.

III. COLLEGE OF LIBERAL ARTS

A. African American Studies Program

Change in curriculum, University Bulletin, page 132

NOTE: The curriculum change is not available through the Web at this time. A printed copy has been sent to your Deans, Department Chairs, and Senators.

B. Department of French and Classics

New course

CLAS 360 CLASSICAL ORIGINS OF WESTERN MEDICAL ETHICS.
[=PHIL 360] (3) Examination of ancient Greek and Roman philosophical, medical, and literary works (in English) as sources for the origins of medical ethics.

B. Film Studies Program

Change in description

FROM: FILM 598 TOPICS IN WORLD FILM. [=FORL 598] (3) Intensive study of a specific topic concerning films produced in countries other than the United States. Course content varies and will be announced in the schedule of courses by suffix and title.

TO: FILM 598 TOPICS IN WORLD FILM. [=FORL 598] (3) Intensive study of a specific topic concerning films produced in

a country other than the United States. Course content varies and will be announced in the schedule of courses by suffix and title.

C. Foreign Languages

FROM: FORL 598 TOPICS IN WORLD FILM. [=FILM 598] (3) Intensive study of a specific topic concerning films produced in countries other than the United States. Course content varies and will be announced in the schedule of courses by suffix and title.

TO: FORL 598 TOPICS IN WORLD FILM. [=FILM 598} (3) Intensive study of a specific topics concerning films produced in a country other than the United States. Course content varies and will be announced in the schedule of courses by suffix and title.

D. Department of Government and International Studies

Change in curriculum, University Bulletin, page 156

NOTE: The curriculum change is not available through the Web at this time. A printed copy has been sent to your Deans, Department Chairs, and Senators.

E. Department of Naval Science

Change in description

FROM: NAVY 102 SEAPOWER AND MARITIME AFFAIRS. (3) Historical events with emphasis on modern USA-USSR confrontation.

TO: NAVY 102 SEAPOWER AND MARITIME AFFAIRS. (3) Importance of seapower in historical events including emphasis on world wide political-military confrontations following USA-USSR Cold War.

Change in title and description

FROM: NAVY 402 NAVAL LEADERSHIP AND MANAGEMENT II. (3)

Integration of professional competencies and an overview of the duties, expectations, and responsibilities of the junior officer in personnel and material management.

TO: NAVY 402 NAVAL LEADERSHIP AND ETHICS. (3)

Integration of professional military competencies and qualities of effective leadership with emphasis on moral and ethical responsibilities, accountability, communications, and military law for the junior officer.

F. Department of Philosophy

New courses

PHIL 360 CLASSICAL ORIGINS OF WESTERN MEDICAL ETHICS.

[= CLAS 360] (3) Examination of ancient Greek and Roman philosophical, medical, and literary works (in English) as sources for the origins of medical ethics.

PHIL 341 ENVIRONMENTAL ETHICS. (3) Examination of principles and arguments surrounding moral issues involving the environment.

G. Department of Religious Studies

Deletions

RELG 501 RELIGIOUS PHILOSOPHIES OF THE WEST I. (3)

RELG 502 RELIGIOUS PHILOSOPHIES OF THE WEST II. (3)

RELG 512 HISTORY OF WESTERN RELIGION. (3)

IV. SCHOOL OF MUSIC

New courses

MUED 565 SPECIALIZED ELEMENTARY MUSIC METHODS. (2)
(Prereq: MUED 465) Advanced study of Orff, Kodaly, Dalcroze, and Gordon music learning theories as applied in elementary schools.

MUED 538 ADVANCED SEQUENCING AND MULTI-TRACK DIGITAL RECORDING. (Prereq: MUSC 536) An exploration of advanced techniques for the creation, manipulation, and recording of musical sounds through digital technology.

MUSC 539 COMPOSING WITH COMPUTERS. (3) (Prereq: MUSC 538)
An intensive survey of methods used by composers to create musical compositions with the aid of computer technology.

Change in title, prerequisites and description

FROM: MUSC 524 COMMERCIAL MUSIC ELECTRONICS. (3) (Prereq: consent of instructor) Techniques with analog, FM digital and sampling synthesizers (editing preset patches and creative voice initialization), drum machines, processors and mixing consoles on industry standard equipment.

TO: MUSC 524 JAZZ MIDI LAB. (3) (Prereq: MUSC 536 or consent of instructor) Experiences in creating jazz and commercial music using current computer, synthesis, sampling and recording technology.

V. COLLEGE OF NURSING

Deletion

NURS 501 HEALTH MEASUREMENT AND ASSESSMENT. (3)

Change in prerequisites

FROM: NURS 210 FACILITATIVE COMMUNICATION. (3) (Prereq: ENGL 101, 102 or equivalent)

TO: NURS 210 FACILITATIVE COMMUNICATION. (3) (Prereq: ENGL 101)

FROM: NURS 309 NURSING HEALTH ASSESSMENT. (3) (Prereq: BIOL 244, 244L)

TO: NURS 309 NURSING HEALTH ASSESSMENT. (3) (Coreq: NURS 310)

FROM: NURS 310 CLINICAL THERAPEUTICS. (3) (Prereq: NURS 309; prereq or coreq: NURS 312, 316)

TO: NURS 310 CLINICAL THERAPEUTICS. (3) (Coreq: NURS 309, prereq or coreq NURS 316)

FROM: NURS 316 BIOPHYSICAL PATHOLOGY. (3) (Prereq: NURS 220, 309)

TO: NURS 316 BIOPHYSICAL PATHOLOGY. (3) (Prereq: NURS 220; prereq or coreq: NURS 309)

FROM: NURS 540 SEXUAL CONCERNS IN THE NURSING PROCESS. (3) (3) (Prereq: two cores and consent of instructor)

TO: NURS 540 SEXUAL CONCERNS IN THE NURSING PROCESS. (3)

Change in prerequisite and description

FROM: NURS 317 PSYCHOSOCIAL PATHOLOGY. (2) (Prereq: NURS 220, 221) Pathology associated with psychosocial pathology.

TO: NURS 317 PSYCHOSOCIAL PATHOLOGY. (2) Pathology associated with biopsychosocial alterations.

Change in curriculum, University Bulletin, page 193

NOTE: The curriculum change for Nursing is not available through the Web at this time. A printed copy has been sent to your Deans, Department Chairs, and Senators.

VI. SCHOOL OF PUBLIC HEALTH

Deletions

- SPAD 503 ANATOMY AND PHYSIOLOGY OF THE AUDITORY AND VESTIBULAR SYSTEM. (3)
SPAD 505 INSTRUMENTATION IN SPEECH AND HEARING SCIENCE. (3)
SPAD 506 INTRODUCTION TO PSYCHOACOUSTICS. (3)
SPAD 520 PRINCIPLES OF SPEECH PATHOLOGY. (3)
SPAD 523 SPEECH AND LANGUAGE PROBLEMS OF THE DEVELOPMENTALLY DISABLED. (3)
SPAD 524 SPEECH THERAPY IN THE PUBLIC SCHOOLS: MODERN DEVELOPMENTS AND EXPERIMENTAL PROGRAMS.
SPAD 541 INDUSTRIAL AUDIOLOGY. (1)

VI. COLLEGE OF SCIENCE AND MATHEMATICS

A. Department of Biological Sciences

New courses

- BIOL 545 BIOCHEMISTRY/MOLECULAR BIOLOGY I. [=CHEM 555]
(3) (Prereq: CHEM 334 or equivalent) Essentials of modern biochemistry. Three lecture hours per week. First semester of a two-semester course .
- BIOL 546 BIOCHEMISTRY/MOLECULAR BIOLOGY II. [=CHEM 556]
(3) (Prereq: BIOL 545 or consent of instructor) Essentials of modern biochemistry. Three lecture hours per week. First semester of a two-semester course.

B. Department of Chemistry and Biochemistry

New courses

CHEM 555 BIOCHEMISTRY/MOLECULAR BIOLOGY I. [=BIOL 545]
(3) (Prereq: CHEM 334 or equivalent) Essentials of modern biochemistry. Three lecture hours per week. First semester of a two-semester course.

CHEM 556 BIOCHEMISTRY/MOLECULAR BIOLOGY II. [=BIOL 546]
(3) (Prereq: BIOL 302; CHEM 555 or consent of instructor) Essentials of modern biochemistry and molecular biology. Three lecture hours per week. Second semester of a two-semester course.

Change in title, prerequisites and description

FROM: CHEM 621 ADVANCED ANALYTICAL CHEMISTRY. (3)
(Prereq: CHEM 321 or equivalent; CHEM 541) Modern analytical chemistry including acid-base behavior, complex formation, kinetics, and selected instrumental methods of analysis.

TO: CHEM 621 INSTRUMENTAL ANALYSIS. (3) (Prereq or coreq: CHEM 541, and CHEM 541L or CHEM 591) Chemical instrumentation including electronics, signal processing, statistical analysis, molecular/atomic spectroscopy, electrochemical methods, chromatography, and mass spectrometry. Three lecture hours per week.

New course

CHEM 621L INSTRUMENTAL ANALYSIS. (1) (Prereq: CHEM 321/321L, prereq or coreq: CHEM 541, CHEM 621, and CHEM 541L or CHEM 691) Chemical instrumentation laboratory with environmental, forensic, and biotechnology applications. Three laboratory hours per week.

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Changes in curriculum, University Bulletin, page 212

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C. Department of Computer Science

Change in description

FROM: CSCI 510 SYSTEMS PROGRAMMING. (3) (Prereq: CSCI 330 or graduate standing) Review of machine structure, machine language, and assembly language programming. Loaders, assembler, macro-instructions, input/output, timesharing, batch processing, and interrupts

TO: CSCI 510 SYSTEMS PROGRAMMING. (3) (Prereq: CSCI 330) System software such as command language interpreters, client-server applications, debuggers, mail systems, browsers, macro-processors, and revision control systems. File systems, processes, threads, inter-process communication.

Change in title, prerequisites and description

FROM: CSCI 520 DATABASE SYSTEM DESIGN. (3) (Prereq: CSCI 330) Database or organization; design and use of database management systems; database models: network, hierarchical and relational; data description languages, data independence, and representation.

TO: CSCI 520 DATABASE DESIGN. [=EECE 503] (3) (Prereq: CSCI 220 or EECE 352 or GEOG 563) Database management systems. Database design. Data models. Database languages. Data protection.

Change in cross-listing, prerequisites and description

FROM: CSCI 531 COMPILER CONSTRUCTION. (3) (Prereq: CSCI 330) (3) Techniques of design and implementation of compilers, including lexical analysis, parsing (both LL and LR), syntax-directed translation, and symbol table management.

TO: CSCI 531 COMPILER CONSTRUCTION. [=EECE 501] (3)
(Prereq: CSCI 330 or (EECE 311 and EECE 352) Techniques
of design and implementation of compilers. Development of a
small compiler.

Change in curriculum, University Bulletin, page 214

NOTE: The curriculum change is not available through the Web at this time.
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Senators.

D. Department of Statistics

Change in prerequisites and description

FROM: STAT 517 COMPUTING IN STATISTICS. (3) (Prereq:
STAT 509 or STAT 515 with grades of C or
higher; knowledge of a programming language)
Applications of the computer to statistics. Random
number of generation, efficient design of simulation
studies, and advanced statistical computing procedures
(e.g., SAS, FORTRAN, and IMSL).

TO: STAT 517 COMPUTING IN STATISTICS. (3) (Prereq: STAT 509
or STAT 515 with a grade of C or higher; knowledge of
a programming language) Applications of the computer
to statistics. Random number generation, efficient design
of simulation studies, and advanced statistical computing
procedures.

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Change in curriculum, University Bulletin, page 227 and 228

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XI. COLLEGE OF SOCIAL WORK

Change in title

FROM: SOWK 421 INTERVIEWING. (3)

TO: SOWK 421 SOCIAL WORK PRACTICE METHODS. (3)