

The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE: REPORT NO. 2004-2005-5

At meeting No. 400 held February 4, 2005, the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters of Information

A. College of Arts and Services

1. Department of Biological Sciences

a. Changes:

BIO 581/582 Biological Sciences Colloquium Ð change description and prerequisite to read:

BIO 581/582 Biological Sciences Colloquium: Invited talks on selected research topics in selected areas related to biology. Required of graduate students majoring in biological sciences. (Seminar) S/U credit. Prerequisite: Graduate standing in the department of Biological Sciences.

BIO 695 Graduate Seminar Ð change in course description to read:

BIO 695 Graduate Seminar: Students to give seminar reports on their thesis research. Topics may also include professional development subjects, such as grant writing, presentation techniques, resume writing, etc. May be repeated for credit, but only 2 credits may be applied to the program of study. (Seminar). Pre: Graduate standing. S/U credit.

2. Department of Music

a. Change:

MUS 510 Applied Music (I and II, 2, 3, 4, or 6) Ð addition to course description:

ÒY choral conducting, and Z Instrumental conducting. There is no fee for the choral and instrumental conducting.Ó

Graduate Council approved changes and has requested clarification of justification for variable number of credits and fixed fee regardless of number of credits.

B. College of Human Science and Services

1. Department of Communicative Disorders

a. Changes:

CMD 551 Measurement of Hearing I Ð change in method of instruction from lecture/lab to lecture to read:
CMD 551 Measurement of Hearing I Ð Lec. 4

CMD 552 Measurement of Hearing II Ð change in method of instruction from lecture/lab to lecture to read:

CMD 552 Measurement of Hearing II Ð Lec. 4

CMD 555 Hearing Aids I Ð change in method of instruction from lecture/lab to lecture to read:

CMD 555 Hearing Aids I Ð Lec. 3

CMD 557 Electrophysiological Measures in Audiology Ð change in method of instruction from lecture/lab to lecture to read:

CMD 557 Electrophysiological Measures in Audiology Ð Lec. 4

CMD 564 Language Disorders in School-Aged Children Ð change in method of instruction from lecture/lab to lecture to read:

CMD 564 Language Disorders in School-Aged Children Ð Lec. 4

II. Matters Requiring Confirmation by Faculty Senate

A. Colleges of Arts and Sciences and College of Environmental and Life Sciences

1. Departments of Computer Sciences (A&S) and Cell and Molecular Biology (CELS).

a. Add (New):

CSC 522, BCH/MIC 522, STA 522 Bioinformatics I (3-4) Integrates computing, statistical, and biological sciences, Algorithms, and data analysis/management. Multidisciplinary student research teams. Modeling dynamic biological processes. Extra project work for 4 credits. (Lec. 3, Project 3) Pre: Major in a computing, statistical, or biological science or permission of instructor)

B. College of Engineering

1. Department of Civil and Environmental Engineering

a. Add (New):

CVE 563 Prestressed Concrete (I or II, 3) Theory of prestressed concrete including partial losses of prestress and long-term effects due to creep, shrinkage and steel relaxation. Service and ultimate load evaluation of pre-tensioned and post-tensioned beam elements in flexure, shear and torsion. Deflection, camber and crack control evaluation. (Lec. 3) Pre: 465 or equivalent.

CVE 564 Advanced Reinforced Concrete (I or II, 3) Elastic and ultimate strength theory in flexure, shear, torsion, compression and serviceability. Behavior and analysis of deep beams, corbels, slender and non-slender columns, biaxial bending, two-way slabs and plates. (Lec. 3) Pre 465 or equivalent

b. Delete:

CVE 560 Structural Design (3). Behavior and design of structural systems; selected topics in steel, reinforced concrete, and prestressed concrete. (Lec.) Pre: 460 and 465.

C. College of Arts and Sciences

1. Department of Music

a. Delete:

MUS 511 Advanced Choral Conducting (I, 3)

MUS 512 Advanced Instrumental Conducting (II, 3)

MUS 513 Graduate Conducting Project

b. Add:

Master of Music Degree Ð addition of new options and subsequent change of description to the catalog:

Addition of ÐPerformance (with instrument, voice, composition or conducting options): 12 credits of performance in MUS 510 (A-V, Y-Z) (minimum of three in a semester), plus MUS 548, 550 or 552, 567, 580

Addition of ÐFor other instrumentalists, MUS 510Z and ensemble elective. For composers or conductors, electives appropriate to composition or conducting

Addition of ÐMusic education (with thesis, performance/essay, conducting, or composition options)

Change Ðsubject areas to Ðfour options

Addition of ÐFor conducting, **MUS 510Y and/or 510Z**

D. College of Pharmacy

1. Graduate Program Requirements

a. Add (New):

Pharmaceutical Sciences Master of Science Ð add to **Program Requirements**

ÐFor specialization in pharmaceuticals and pharmacokinetics, BPS 525, STA 409 or 4aa, or equivalent; six-nine credits of 500 or 600 level BPS courses; three credits of elective under the discretion of the graduate committee; written comprehensive exam.

Pharmaceutical Sciences Doctor of Philosophy Ð add to **Program Requirements**

ÐCourses required for master's degree plus one additional credit from BPS 523 or 524.

For specialization in pharmaceuticals and pharmacokinetics, M.S. core requirements, plus BPS 693 or 694, twelve credits of 500 or 600 level BPS courses and twelve credits of concentration courses. Suggested courses include analytical chemistry, immunology, human genetics and statistics of clinical trials.

E. College of Human Science and Services

1. Department of Education

a. Change number of credits to correct error:

EDC 566 Intervention in Reading and Writing Difficulties Ð **Practicum** (from 4 to 3 cr.)

EDC 567 Field Study in Literacy (from 4 to 3 cr.)