

Minutes of the Graduate Curriculum Committee

October 21, 1999

Members Present: Kilroy (Grad Studies); Jagoda (AE); Omiecinski (CoC); Parsons (MGT); Pavlostathic (CEE); Peters (GSS); Peterson (ECE); Roper (Reg); Sanders (MSE); Vande Vate (ISyE)

Visitors: Borodovsky (MATH); Bunemovich (MATH); Duke (MATH); Green (MATH); McIver (Reg)

1. The minutes of May 27, June 3, July 22, and September 2, 1999 were approved.
2. Dr. Peterson announced that Dr. Nolan Hertel was elected Chair for 1999-2000.
3. The committee resumed discussion of the proposed new degree, Master of Science in Bioinformatics, from the School of Biology. The Vice-chair called representatives from the School of Biology who made a presentation outlining the revised Program of Study leading to the new degree. During the presentation, the following program requirements and new semester courses were presented:

Master of Science in Bioinformatics (MSBF CIP:26.9999)

Required Courses - 37 hours

BIOL 4710; CHEM 6501; MATH 6705 or MATH 2403; CS 4710; BIOL 7688; CHEM 6502; MATH 3215; CS 6705; BIOL 7023; BIOL 4178 or PHYS 4251 or MATH 4022; CS 4400 or CS 6485; CHEM 6572 or CHEM 6583

Total Semester Hours - 37 hours

New Course:

MATH 6705 Modeling and Dynamics 3-0-3

BIOL 7023 Bioinformatics 2-3-3

Following the presentation, the Biology representatives answered questions from the committee members. After a discussion of the program, a motion was made to approve the proposal. This motion was seconded and passed.

4. The Vice-chair called on the representatives from the College of Computing, the School of Industrial Engineering, and the School of Mathematics who made a presentation outlining the Doctoral Program in Algorithms, Combinatorics and Optimization for the semester calendar conversion. During the presentation, the following program requirements were presented:

Core Courses - 18 hours

CS 6550; ISyE 6661; ISyE 6662; MATH 6014; MATH 6121; MATH 6221

Additional Course Work Required - 18 hours

At least 18 hours of course work at the 6000 level or higher as required by the student's major school, in addition to the core courses.

Semester hours = 36 hoursAdditional Requirements

Completion of a Qualifying Exam, Paper, or Presentation

Completion of a Minor (9 semester hours)

Doctoral Dissertation (CS/ISYE/MATH 9000)

Final Doctoral Examination (Dissertation Defense)

Following the presentation, the representatives answered questions from the committee members. After additional discussion, a motion was made to approve the proposal. This motion was seconded and passed.

5. The new course, requested from the Schools of Aerospace and Mechanical Engineering to allow specified students to use both the quarter and semester version of the course (AE/ME 6767 in their program of study for their respective degrees, and proposed by the College of Computing, was approved.

There followed agenda items 6 through 8 which relate to student petitions and records; these items are not reproduced in the public version of these minutes.