

**MINUTES OF THE UNDERGRADUATE CURRICULUM COMMITTEE MEETING**  
**February 23, 2005**

**PRESENT:** Byars (MGT), Clark (SGA), Davis (ECE), Jarrett (ARCH/COA), Lynch (ME), McIver (REG), Parson (MGT), Schatz (PHYS), Tone (HTS), Webster (CEE), Williams (CEC), Wills (ECE)

**VISITORS:** Bruckman (COC), LeBlanc (COC), Pilsch (COC)

1. A motion was made to approve the minutes of the meetings on January 10, 2005, January 19, 2005 (minutes were approved electronically) and February 9, 2005. The motion was seconded and approved. Unanimous.
2. John Tone gave a summary of the activities of the Studies Abroad sub-committee and requested the approval of the minutes of that sub-committee for October 20, 2004, November 1, 2004, November 24, 2004 and January 12, 2005. A motion was made to approve the minutes. The motion was seconded and approved. Unanimous.
3. The SCHOOL OF CHEMICAL and BIOMOLECULAR ENGINEERING submitted the following pre-requisite changes as informational items.

Course	Prerequisite
ChE 2100	Chem 1310 and Math 1502
ChE 2110	ChE 2100 and <b>Biol 1510*</b>
ChE 2120	ChE 2100 and <b>CS 1371 (removed Phys 2211)</b>
ChE 3110	ChE 2110
ChE 3200	ChE 2120, Math 2403, <b>Physics 2211</b>
ChE 3210	ChE 3200 and ChE 3110
ChE 3225	ChE 3200, and ChE 3210*
ChE 4200	ChE 3210, ChE 3225* and ChE 4300*
ChE 4300	ChE 3200, and ChE 3210*
ChE 4400	ChE 3210, ChE 3225* and ChE 4300*
ChE 4505	ChE 3225, ChE 4300, ChE 4515*
ChE 4515	ChE 4300

\* **with concurrency**

4. The SCHOOL OF CHEMICAL AND BIOMOLECULAR ENGINEERING requested the following change to the BS ChBE with the Biotechnology Option. A motion was made to approve the changes. The motion was seconded and approved. Unanimous.

In the Third year – spring semester, delete Biol 3341 and reduce for the term to 15 hours. Add one hour of free elective to the Fourth Year – spring semester making the term total 15 hours.

5. The SCHOOL OF PHYSICS requested the following new course to be cross listed with MATH 4782. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

## NEW COURSE

PHYS 4782 Quantum Information and Quantum Computing. (3-0-3)

6. The request for new degree requirements for the BS ME degree was tabled.
7. The sub-committee considering the courses for undergraduate TA's gave a report. The report suggested that courses be created to reflect TA activity and also a course should be created for training TA's. After much discussion Chair Wills said that he would summarize the discussion and send it out to the Committee for consideration and approval.
8. Chair Wills requested a discussion of a degree designator which included our current designators and what the Committee felt should be required of a program to receive a degree designator. The consensus of the Committee was that a definition should be established to give some structure to the requests and discussion of any new designators in the future.
9. Amy Bruckman presented for discussion the "Research Plan" Degree Designation for undergraduate degrees. There was much discussion including how departments currently handle undergraduate research, the thesis writing course and requirements for research activity.

Adjourned,

M. Jo McIver  
Registrar

MJM: am