

COUNCIL ON EDUCATIONAL POLICY

Meeting Minutes: January 5, 2016

3:30 PM, Loew 355

Members present: Jennifer Turns, Chair (HCDE); Kuen Lin (AA); Chris Neils (BioE); Brad Holt (ChemE); Mike Dodd (CEE); Hal Perkins (CSE); John Sahr (EE); Shan Liu (ISE); Jennifer Tsai (ISE Advisor); Brian Fabien (Associate Dean for Academic Affairs); Dan Feetham (Academic Affairs); Scott Winter (Ex Officio)

Members absent: Mark Ganter (ME); Jihui Yang (MSE); Colin Butler (Undergraduate Student Representative).

Guests: Karen Thickman (BioE); Elise deGoede Dorough (CSE)

Minutes - The December 15, 2015 meeting minutes were reviewed and approved.

Course Applications

PHARBE course changes and new courses – Karen Thickman provided an overview of changes being made to the Master of Pharmaceutical Bioengineering program. The program is being streamlined and moving to be a fully online program. Additionally, program content is being modified in response to changes in student background and needs. The program changes have resulted in the following course applications:

- *PHARBE 500 Molecular & Cellular Biology for Pharm Bioengineering I* - Change course description.
- *PHARBE 501 Molecular & Cellular Biology for Pharm Bioengineering II* – Drop course
- *PHARBE 502 Pharmaceutics I* – Allow course to be offered with DL status.
- *PHARBE 503 Pharmaceutics II* – Allow course to be offered with DL status.
- *PHARBE 505 Pathophysiology for Pharm Bioengineering* – New course application.
- *PHARBE 506 Pharmaceutical Bioengineering Seminar* – New course application.
- *PHARBE 510 Applied Pharmacokinetics* – Change credits, contact hours, and allow course to be offered with DL status.
- *PHARBE 511 Process Development* – Change credits, contact hours, and allow course to be offered with DL status.
- *PHARBE 512 Formulation and Delivery* – Drop course
- *PHARBE 513 Clinical Development* – Change credits, contact hours, and allow course to be offered with DL status.
- *PHARBE 520 Molecular Biotechnology* – Drop course
- *PHARBE 521 Drug Discovery and Design* – Change credits, contact hours, and allow course to be offered with DL status.
- *PHARBE 522 Molecular Targets and Drug Classes* – Change credits, contact hours, and allow course to be offered with DL status.
- *PHARBE 523 Systems Biology and Bioinformatics* – Drop course

The above course applications were unanimously approved.

New CSE Internship Education Courses – Hal Perkins summarized the CSE department's rationale for proposing these new courses. In the past, CSE students have used COE courses ENGR 320, 321, and 601 when registering for internship credit. The proposed courses will replace the ENGR courses for CSE students. The majority of CSE students who sign-up for internship credit are C Sci majors (an A&S degree) and most find their internships through the CSE affiliates fair. Having the internships courses in-house will provide flexibility to the department. There was a question about who will work with the students on assignments and provide feedback. The CSE advising staff will take on this work. The 3 new courses are listed below. All 3 courses will require a fee that will be in place of tuition.

- ***CSE 300 CSE Internship Education*** – This course will be for international undergraduate students who are required to register for a minimum of 12 credits to comply with F-1 visa regulations. International students will typically register for 10 credits of CSE 300 and 2 credits of CSE 301 to meet the 12 credit requirement. The CSE 300 credits will be deducted from the student's credits earned.
- ***CSE 301 CSE Internship Education*** – This 1-2 credit course will be the internship course for undergraduate students.
- ***CSE 601 CSE Internship Education*** – This 1-2 credit course will be the internship course for graduate students.

A motion was made to approve CSE 301 and 601. The motion was unanimously approved.

There was additional discussion about CSE 300 and the concept of deductible credits. There were several committee members who voiced significant concern about this approach. There was a motion to approve the courses. The course was approved on a vote of 5-yes, 2-no, and 2-abstaining.

BIOEN 466 / N BIO 305 Neural Computation and Engineering Laboratory – **New course application.** This course was considered and tabled at the December 15th meeting. The issue was awarding 3 credits for a class that meets in a lab setting for 3 hours per week. Chris Neils followed-up with the course faculty member to clarify the workload expectations. Based on the information received, Chris felt that there will be sufficient work outside of class to warrant awarding 3 credits for the course. The course was unanimously approved.

EE 578 Convex Optimization – **Course change application.** The course title, description, credits, and prerequisites are being changed as a result of a redesign of the course. The course is joint with AA and ME. Both departments have signed off on the changes. The course changes were unanimously approved.

Old Business

Direct-to-College Admission Proposal – An update on activities associated with the process was provided. Activities included a meeting with Robert Stacy, Dean of A&S, and Werner Stuetzle, Divisional Dean of Natural Sciences, to brief them on the proposed changes. Additional meetings are scheduled with College of the Environment and the Information School. College representatives will be meeting with the FCAS subcommittee on Admission and Graduations on January 8th to discuss issues relating to admission of freshman applicants to the DTC cohort.

There was discussion about the process used for admitting students to the DTC cohort and how the criteria/guidelines to be used in the admission process will be established. There was general consensus that the CEP should have primary responsibility for establishing guidelines.

New Business

Academic Misconduct Subcommittee – Chris Neils, Hal Perkins, and Jennifer Turns agreed to serve on a subcommittee to consider several academic misconduct referrals.