

INSTITUTE UNDERGRADUATE CURRICULUM COMMITTEE

Spring Meeting

Faculty, Faculty Senate, & Academic Faculty Senate

Tuesday, February 16, 2016

3:00-5:00 PM

Student Center Theatre

REPORT, ACTION ITEMS, MINUTES

- **Presented by:**
 - **Dr. Rhett Mayor, ME, Chair**
- **Action Items**
- **Minutes for Approval**

ACTION ITEMS: JANUARY 19, 2016 MINUTES

- School of Literature, Media, and Communication
 - *Deactivation of Courses*
 - LCC 2698
 - LCC 2699
 - LCC 2710
 - LCC 2801
 - LCC 2803
 - LCC 3400
 - LCC 3401
 - LCC 3502
 - LCC 4824
- The Committee discussed and approved giving the Registrar authority to act on these requests in the future when they are the result of the renaming of an academic unit with the related change in subject codes.

ACTION ITEMS: JANUARY 19, 2016 MINUTES

- **School of Chemical & Biomolecular Engineering**
 - *New Option*
 - Join the International Plan
 - Changes (additions) in:
 - the culminating senior design course sequence
 - the incorporation of IP language requirements and
 - Identifying globally focused courses (3 social science courses)
- **Scheller College of Business**
 - *New Course*
 - MGT 3616: Corporate Governance 3-0-3
 - *Minor Modification*
 - Engineering and Business (EBUS)

ACTION ITEMS: JANUARY 19, 2016 MINUTES

- **Scheller College of Business**
 - *Minor Modification, continued*
 - **Engineering and Business (EBUS)**
 - **Changing text description of both T&M Program minors (Computing and Business and Engineering and Business) to be consistent with each other, including minimum GPA requirements**
 - **Adding flexibility to the College of Engineering students' required course in Finance (to aid in students' ability to complete the minor in four semesters, as intended)**
 - **Curriculum of the Minor in Engineering and Business requires the completion of 22 semester credit hours**

ACTION ITEMS: JANUARY 19, 2016 MINUTES

- **Scheller College of Business**
 - *Minor Modification, continued*
 - **Engineering and Business (EBUS)**
 - **Minimum, cumulative GPA required for applicants to the Denning T&M Program is 3.0 based on a minimum of 12 hours earned at Georgia Tech**
 - **In order for accepted students to maintain their eligibility to remain in the T&M Program, they must maintain a minimum 3.0 GPA for the classes required**
 - **All courses used to satisfy the requirements of the minor must be taken for a letter grade and must be completed with the grade of C (2.00) or better**

ACTION ITEMS: JANUARY 19, 2016 MINUTES

- Scheller College of Business
 - *New Minor*
 - Technology and Business (TBUS)
 - Intent of this new minor is to offer students in the College of Architecture, Ivan Allen College, and College of Sciences the same opportunity students from the Colleges of Computing, Engineering and Business have to participate in an innovative curriculum
 - New minor would require 22 credit hours, which is the same as the number for the existing minors in Computing and Business and Engineering and Business

ACTION ITEMS: JANUARY 19, 2016 MINUTES

- **Scheller College of Business**
 - *New Minor, continued*
 - **Minimum, cumulative GPA required for applicants to the Denning T&M Program is 3.0 based on a minimum of 12 hours earned at Georgia Tech**
 - **In order for accepted students to maintain their eligibility to remain in the T&M Program, they must maintain a minimum 3.0 GPA for the classes required by the Denning T&M curriculum**
 - **All courses used to satisfy the requirements of the minor must be taken for a letter grade and must be completed with the grade of C (2.00) or better**
 - **All 22 credit hours are required**

ACTION ITEMS: FEBRUARY 9, 2016 MINUTES

- **School of Biology**
 - *New Course*
 - BIOL 1220: Biology of Sex and Death 3-3-4

- **School of Industrial and Systems Engineering**
 - *Degree Modification*
 - Bachelor of Science in Industrial Engineering (all concentrations)
 - Add a restriction on the 9 hours of selective engineering electives for BSIE and formalize the requirements currently in place. Specifically,
 - Restrict 3 hours of engineering elective to ECE 2020 Digital System Design, or ECE 2026 Signal Processing, or ECE 3710 Circuits and ECE 3741 lab
 - Formalize the existing practice that at least 5 hours engineering elective, including 3 hours from ECE courses above, be from group I (traditional) engineering electives

ACTION ITEMS: FEBRUARY 9, 2016 MINUTES

- **School of Industrial and Systems Engineering**
 - *Degree Modification, continued...*
 - **Bachelor of Science in Industrial Engineering (all concentrations)**
 - **Formalize the existing requirements that the 9 hours engineering elective must include at least 2 different subjects with minimum of 2 hours in each subject**
 - **Delete CHBE 4751 from Group 2 list as the course never existed**
 - **Add an alternative math sequence to the current sequence with respect to linear algebra and multivariate calculus (no change in the total hours required)**
 - **Current: MATH 1553 Intro to Linear Algebra (2) + MATH 2551 (4) Multivariate Calculus**

ACTION ITEMS: FEBRUARY 9, 2016 MINUTES

- **School of Industrial and Systems Engineering**
 - *Degree Modification, continued...*
 - **Alternative: MATH 1554 (4) Linear Algebra + MATH 2550 (2) Intro to Multivariate Calculus**
 - **No change in the total number of hours would happen as a result of the degree modification**
 - **Students who had over 9 hours of Engineering Electives could use the overage in free electives**

ACTION ITEMS: FEBRUARY 9, 2016 MINUTES

- Office of International Education
 - *Add Courses to the International Plan*
 - ECE: The content has not changed, but the course number has been updated to reflect recent changes to the ECE senior design course. The new IP capstone course number is ECE 4012-IP (instead of ECE 4007-IP).
 - Biology: Previously, all IP Biology students were required to take BIOL 4699-IP. Additional capstone options have been added in order to accommodate students' various pathways to completion. The options now include: BIOL 4699-IP, BIOL 4590, BIOL 4690, and BIOL 4910.
 - ME: As more ME students participate in the interdisciplinary senior design course (GT 4823 Interdisciplinary Capstone Design), ME is adding this course as an additional capstone option to ME 4182 Capstone Design. IP students enrolled in GT 4823 will complete the same additional assignment(s) associated with the IP as those in ME 4182.

ACTION ITEMS: FEBRUARY 9, 2016 MINUTES

- College of Engineering
 - *New Course*
 - COE 2701: Startup Lab: Introduction to Technology Ventures 3-0-3
- School of Public Policy
 - *Certificate Modification*
 - Pre-Law Certificate
 - The Pre-Law Certificate requires students to take one of four core menu classes. The remaining classes are electives.
 - One of those electives, entitled "Law and Economics" has been taught as a Special Topic class. We exercised our local authority to apply this class toward the minor/certificate as an elective.
 - The class has been re-numbered as ECON 4370. We request authorization to apply the newly re-numbered class toward the Pre-Law certificate.

ACTION ITEMS: FEBRUARY 9, 2016 MINUTES

- School of Public Policy
 - *Minor Modification*
 - Minor in Law, Science, and Technology
 - The LS&T minor requires students to take one of four core menu classes. The remaining classes are electives.
 - One of those electives, entitled "Law and Economics" has been taught as a Special Topic class. We exercised our local authority to apply this class toward the minor/certificate as an elective.
 - The class has been re-numbered as ECON 4370. We request authorization to apply the newly re-numbered class toward the LS&T minor.

ACTION ITEMS: FEBRUARY 9, 2016 MINUTES

- School of City and Regional Planning
 - *New Courses*
 - CP 2233: Sustainable Urban Development 3-0-3
 - CP 4052: Sustainable Cities Studio 3-0-3
 - *New Minor*
 - Minor in Sustainable Cities
 - Major objective of the minor is to build upon the Institute's "Serve/Learn/Sustain" Quality Enhancement Plan (QEP) with a specific focus on the built environment. The minor will address both the sustainability and community engagement dimensions of the QEP.
 - Minor will consist of five courses and 15 credit hours. It will include:
 - six credits of required coursework,
 - one additional 3-credit elective from the School of City and Regional Planning, and
 - two additional 3-credit electives selected from a list of sustainability and community engagement courses offered in City Planning and related academic disciplines.

ACTION ITEMS AND MINUTES

- Move to approve all action items.
- Move to approve Minutes from:
 - December 8, 2015 (Petitions)
 - January 12, 2016 (Petitions)
 - January 19, 2016 (Academic Matters)
 - February 9, 2016 (Academic Matters)