

Approved by Faculty Senate 4/15/10

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 8
Spring 2010**

---COURSES---

The courses listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All new and revised courses are printed in their entirety under the headings Current and Proposed, respectively. The column to the far right indicates the date each change becomes effective.

Prefix	Course Number	New Revise Drop	Current	Proposed	Effective Date
ECE	451	Revise	Electrical Engineering Project Management 3 (1-6) Prereq Engl 402 or 403; senior standing; certified major in electrical engineering. First of a two-course senior design project sequence; design for manufacture, schedule estimation and tracking, costing, ethics and proposal writing.	Capstone Design I 2 Prereq <u>ECE 325</u> , Engl 402 or 403; senior standing; certified major in electrical engineering. First of a two-course senior design project sequence; design for manufacture, schedule estimation and tracking, costing, ethics and proposal writing.	5-10
Engr	107		Introductory Mathematics for Engineering Applications 3 (2-3) Application of mathematics principles to engineering problems across engineering disciplines; concepts from trigonometry to differential equations necessary for sophomore engineering courses.	[N] Introductory Mathematics for Engineering Applications 3 (2-3) Prereq <u>Math 101 or 103 with a grade of C or better or satisfactory math placement score</u> . Application of mathematics principles to engineering problems across engineering disciplines; concepts from trigonometry to differential equations necessary for sophomore engineering courses.	8-10
ES/RP	465	New	-- N/A --	Aquatic Microbial Ecology 2 Prereq Biol 372 and permission of the instructor. Biological, ecological and environmental impact of microbes in aquatic systems. Credit not granted for both ES/RP 465 and 565.	5-10
U H	198	New	-- N/A --	Honors Freshman Experience 1 Making a successful transition to college including advising, schedule planning and undergraduate research opportunities. S, F grading.	8-10