

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 9
Spring 2019**

---COURSES---

Faculty Senate approved February 21, 2019

The courses listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. The course information under the heading titled *Current* will show strikethroughs for deletions, and the heading titled *Proposed* will show underlines for additions. The column to the far right indicates the date each change becomes effective. Note: Items marked {S} have been streamlined and do not require Catalog Subcommittee review.

Subject	Course Number	New Revise Drop	Current	Proposed	Effective Date
B A	595	New	--N/A--	Applying Design Thinking to Career and Life 3 Course Prerequisite: Admission to the Online MBA program. Applying the principles of design thinking to life and career decisions; will reflect on the meaning of work and life and how to build (one of the many options that lead to) one's best life. Typically offered Fall, Spring, and Summer.	8-19
B A	597	New	--N/A--	Emerging Trends in Business 3 Course Prerequisite: Admission to the Online MBA program. Evaluation of the emerging trends and forces that continually shape and reshape the business environment; topics will focus on emerging issues pertinent to technology, market dynamics (preferences, behaviors, ethnographics and demographics), business practices, and the legislative/regulatory environment among other topics. Typically offered Fall, Spring, and Summer.	8-19
CE	434	Revise	Prestressed Concrete and Reinforced Masonry Design 3 Course Prerequisite: CE 433 with a C or better; certified major in Civil Engineering. Behavior, analysis, and design	Masonry Design 3 Course Prerequisite: CE 433 with a C or better; <u>CE 414</u> ; certified major in Civil Engineering. Behavior and design of masonry structures. <u>Typically offered Spring.</u>	5-19

			of pretensioned and post-tensioned prestressed concrete structures; behavior and design of reinforced masonry structures. Credit not granted for both CE 434 and CE 534. Offered at 400 and 500 level. Cooperative: Open to UI degree-seeking students.	Cooperative: Open to UI degree-seeking students.	
E E	431	Revise	RF and Microwave Circuits and Systems 4 (3-3) Course Prerequisite: Certified major in Electrical Engineering, Computer Science, or Computer Engineering. Design and implementation of RF/microwave modules and systems for telecommunications; microstrip, filters, mixers, amplifiers, frequency synthesizers and transceivers. Typically offered Spring.	RF and Microwave Circuits and Systems <u>3</u> Course Prerequisite: Certified major in Electrical Engineering, Computer Science, or Computer Engineering. Design and implementation of RF/microwave modules and systems for telecommunications; microstrip, filters, mixers, amplifiers, frequency synthesizers and transceivers. Typically offered Spring.	5-19
E E	485	New	--N/A--	Electric Energy Distribution Systems 3 Course Prerequisite: E E 361 with a C or better; certified major in Electrical Engineering or Computer Engineering. Fundamentals of distribution systems engineering, distribution system modeling and analysis, distribution load flow analysis, voltage regulation, recent advances in distribution automation. Typically offered Spring.	1-19
SOE	476	New	--N/A--	Biology and Ecology of Pacific Salmon 3 Course Prerequisite: BIOLOGY 106 or 107; CHEM 101 or 105. The life histories, habitat requirements, and current issues facing Pacific salmon. Credit not granted for both SOE 476 and SOE 576. Offered at 400 and 500 level. Typically offered Fall.	8-19
VIT ENOL /HORT	441	New	--N/A--	Winery Operations and Equipment Lab Field Trip 1 (0-3) Course Prerequisite: VIT	1-19

				<p>ENOL 113; VIT ENOL/HORT 440 or concurrent enrollment. Lab companion course for VIT ENOL/HORT 440; offered only as a week-long field trip over spring break to visit wineries and wine industry suppliers; specific visits will vary by year, but will include visits to two or three wineries, at least one cooperage and several equipment and packaging suppliers; requires participation for all 5 days of spring break. (Crosslisted course offered as VIT ENOL 441, HORT 441). Typically offered Spring.</p>	
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