

Approved by Faculty Senate 11/12/2009

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 2
Fall 2009**

---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
Cpt S	471	New	-- N/A --	Computational Genomics 3 Prereq Cpt S 450; C, C++ or Java experience. Fundamental algorithms, techniques and applications.	1-10
ES/RP	410	New	-- N/A --	[M] Global Biogeochemistry 3 Prereq Chem 106 with a C or better. Cycles of biogeochemically important elements and anthropogenic changes to those cycles in terrestrial and aquatic environments on a global scale. Field trip required. Credit not granted for both ES/RP 410 and 510.	1-10
Geol	285	New	-- N/A --	Introduction to Astrobiology 3 Origins, distribution, evolution and future of life in the universe.	1-10
Hort	480	New	-- N/A --	Horticultural Genomics 3 Prereq MBioS 301; MBioS 478. Current topics in genetics, genomics and bioinformatics of horticultural crop plants with emphasis on advanced concepts, approaches and techniques.	1-10
Hort	488	New	-- N/A --	Anatomy and Physiology of Grapevines and Berries 3 Prereq Biol 318 or 320; Hort 313 rec. Understanding of structural and functional relationships used to sustain vine health and produce high quality grapes.	1-10
Span	363	New	-- N/A --	Spanish for Law Enforcement 3 Prereq Span 204. Specialized Spanish language training in the law enforcement profession.	1-10
V E	488	New	-- N/A --	Anatomy and Physiology of Grapevines and Berries 3 Prereq Biol 318 or 320; Hort 313 rec. Same as Hort 488.	1-10