

GRADUATE MAJOR CHANGE BULLETIN NO. 12

Spring 2018

Faculty Senate Approved April 12, 2018

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

Subject	Course Number	New Revise Drop	Current	Proposed	Effective Date
BIOLOGY	504	Revise	Experimental Methods in Plant Physiology 3 (2-3) Advanced techniques and instrumental methods applicable to research in plant physiology.	Experimental Methods in Plant Physiology <u>4 (2-6)</u> Advanced techniques and instrumental methods applicable to research in plant physiology. <u>Typically offered Odd Years - Fall.</u>	8-18
CE	582	New	--N/A--	Environmental Organic Chemistry <u>3</u> Pathways and mechanisms of organic contaminant transformations in natural and engineered systems including hydrolysis, elimination, oxidation, reduction, and photochemical reactions. Recommended preparation: CE 418 or course in organic chemistry. Typically offered Spring.	1-19
CHE	596	Revise	Research Methods and Presentation I 2 Establish sound practices for graduate research and presentation of results ; techniques used for performing through literature searching and establishing and testing research hypotheses.	Research Methods and Communications <u>3</u> Establish sound practices for <u>responsible conduct of graduate research and ethics</u> ; techniques used for performing thorough literature <u>searches</u> , establishing and testing research hypotheses, <u>and successful presentation of research results.</u> <u>Typically offered Fall.</u>	8-18
PSYCH	545	Revise	Psychology Clinic Assessment and Psychotherapy Practicum 3 (0-9) May be repeated for credit; cumulative maximum 18 hours. Course Prerequisite: Ph.D. student in Psychology. Supervised practice in the	Psychology Clinic Assessment and Psychotherapy Practicum <u>3</u> May be repeated for credit; cumulative maximum <u>24</u> hours. Course Prerequisite: Ph.D. student in Psychology. Supervised practice in the	8-18

			clinical application of psychology with adults in the Psychology Clinic. S, F grading.	clinical application of psychology with <u>children/adolescents and adults</u> in the Psychology Clinic. <u>Typically offered Fall and Spring. S, F grading.</u>	
<u>SOE</u>	520	Revise	Radiation Instrumentation 3 (2-3) Methods for analysis of radiation and radiative materials, including use of radiation monitoring equipment and analysis of instrument data. Required preparation: ENVR SCI 406.	Radiation Instrumentation 3 (2-3) Methods for analysis of radiation and radiative materials, including use of radiation monitoring equipment and analysis of instrument data. <u>(Formerly ENVR SCI 520).</u>	8-18
<u>SOE</u>	524	Revise	Advanced Topics in Sedimentology 3 (2-3) May be repeated for credit; cumulative maximum 6 hours. Modern aspects of sedimentary rocks. Field trip required. Typically offered Spring. Cooperative: Open to UI degree-seeking students.	Advanced Topics in Sedimentology 3 (2-3) May be repeated for credit; cumulative maximum 6 hours. Modern aspects of sedimentary rocks. Field trip required. <u>(Formerly GEOLOGY 520).</u> Typically offered Spring. Cooperative: Open to UI degree-seeking students.	8-18
<u>SOE</u>	560	Revise	Advanced Igneous Petrology 3 (2-3) Origin, evolution, and tectonic significance of igneous rocks. Field trip required. Typically offered Fall. Cooperative: Open to UI degree-seeking students.	Advanced Igneous Petrology 3 (2-3) Origin, evolution, and tectonic significance of igneous rocks. Field trip required. <u>(Formerly GEOLOGY 560).</u> Typically offered Fall. Cooperative: Open to UI degree-seeking students.	8-18
<u>SOE</u>	583	Revise	Radiogenic Isotopes and Geochronology 3 Radiogenic isotopes and their uses as chronometers (radiometric dating) and as tracers of earth evolution and differentiation. Typically offered Fall and Spring. Cooperative: Open to UI degree-seeking students.	Radiogenic Isotopes and Geochronology 3 Radiogenic isotopes and their uses as chronometers (radiometric dating) and as tracers of earth evolution and differentiation. <u>(Formerly GEOLOGY 583).</u> Typically offered Fall and Spring. Cooperative: Open to UI degree-seeking students.	8-18