GRADUATE MAJOR CHANGE BULLETIN NO. 10

Spring 2017

Faculty Senate approved March 30, 2017

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
CHEM	**528**	**New**	**--N/A--**	**Data Analysis for Chemistry** 3 Data analysis methods for large data sets encountered in chemistry, programing using a scripting language, graphical and statistical analyses, chemometric methods. Typically offered Odd Years - Fall.	**8-17**
COM	**574**	**New**	**--N/A--**	**Survey of Political Communication** 3 Introduction to the field of political communication including agenda-setting, framing, political advertising, entertainment media and politics, political discussion, and selective exposure. Typically offered Even Years - Spring.	**8-17**
CS	**563**	**New**	**--N/A--**	**Concurrent Programming** 3 Multithreaded programming; parallel programming; distributed programming; theory of concurrency; synchronization techniques; libraries and tools. Typically offered Spring.	**8-17**
ED AD	**509**	**New**	**--N/A--**	**Leading School Improvement** 3 Leadership functions and strategies used in planning, evaluating, and influencing school improvement. Typically offered Fall.	**8-17**
ED AD	**591**	**Revise**	**Action Research** 3 Philosophical assumptions and methodological strategies of action research; theoretical and practical foundations for conducting action research studies in schools and other organizations. Typically offered Summer Session.	**(ED RES) (570) Action Research** 3 Philosophical assumptions and methodological strategies of action research; theoretical and practical foundations for conducting action research studies in schools and other organizations. Typically offered Summer Session.	**8-17**

KINES	**584**	**New**	**--N/A--**	**Exercise Prescription** 3 Course Prerequisite: Admitted to the Kinesiology MS program. Principles of exercise testing and prescription based on current practices in movement education for healthy individuals and special populations. Typically offered Spring.	**1-19**
MIT	**702**	**New**	**--N/A--**	**Master's Special Problems, Directed Study, and/or Examination** V 1-18 May be repeated for credit. Independent research in special problems, directed study, and/or examination credit for students in a non-thesis master's degree program. Students must have graduate degree-seeking status and should check with their major advisor/committee chair before enrolling for 702 credit. Typically offered Fall, Spring, and Summer. S, U grading.	**1-18**
NEP	**525**	**New**	**--N/A--**	**Advanced Human Nutrition** 3 Course Prerequisite: Admission to NEP Graduate Program. Topics in applied human nutrition with an in-depth study of contemporary nutrition research and applications in public health. Typically offered Fall.	**8-18**
NEP	**526**	**Revise**	~~**Advanced Community Nutrition and Health** 3 Research basis of practice in community nutrition or health programs; assessment and outcome measures emphasizing chronic disease prevention~~.	**Nutritional Epidemiology** 3 The relationship between nutritional status, diet, and disease at the community and population level. Typically offered Spring.	**1-18**
PSYCH	**506**	**Revise**	**Current Research in Psychology** 1 May be repeated for credit; cumulative maximum ~~2~~ hours. Course Prerequisite: Ph.D. student in Psychology. Current research being conducted by psychology faculty and members of associated departments. Typically offered Fall and Spring. S, F grading.	**Current Research in Psychology** 1 May be repeated for credit; cumulative maximum 6 hours. Course Prerequisite: Ph.D. student in Psychology. Current research being conducted by psychology faculty and members of associated departments. Typically offered Fall and Spring. S, F grading.	**8-17**
SOIL SCI	**513**	**Revise**	**Environmental Soil Physics** 3 ~~(2-3)~~ Physical properties of soils and their relationships to moisture,	**Environmental Soil Physics** 3 Physical properties of soils and their relationships to moisture,	**8-17**

			aeration, and temperature; plant-soil-atmospheric relationships; solute transport and soil salinity. Recommended preparation: SOIL SCI 201 and general physics. Typically offered Odd Years - Fall.	aeration, and temperature; plant-soil-atmospheric relationships; solute transport and soil salinity. Recommended preparation: SOIL SCI 201 and general physics. Typically offered Odd Years - Fall.	