

GRADUATE MAJOR CHANGE BULLETIN NO. 2
Fall 2012

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.

Unit/Subject	Course Number	New Revise Drop	Current	Proposed	Effective Date
BIOLOGY	462/562	Revise	Community Ecology: 3 credit hours. Assembly, essential properties, levels of interactions, succession, and stability of natural communities; emphasizes an experimental approach to community investigation.	Community Ecology: 3 credit hours. Assembly, essential properties, levels of interactions, succession, and stability of natural communities; emphasizes an experimental approach to community investigation. <u>Conjoint listing with BIOLOGY 462.</u>	8-2013
CE	550	New	--N/A--	Hydroclimatology: 3 credits. Water and energy budgets as they relate to climate, dynamics; and remote sensing, statistical, and modeling techniques for hydroclimatology.	8-2013
CPT_S	518	New	--N/A--	Advanced Analysis of Algorithms: 3 credits. Advanced Study in design and analysis of algorithms. Topics: randomized and approximation algorithms, linear programming, network flow and string matching.	12-2012
CROP_SCI	545	New	--N/A--	Quantitative Trait Improvement: 3 credits. Understanding quantitative trait improvement, concepts and application, in modern plant breeding programs.	1-2013
E_E	523	NEW	--N/A--	Power Systems Stability and Control: 3 credits. Dynamic analysis of interconnected electric power system; modeling of synchronous generators, loads and transmission network; small-signal stability and transient stability analysis; dynamic stability controls.	1-2013
SHS	566	Revise	Off-Campus Practicum Public School Setting: Variable credit (2-6). Clinical practice in area public	Off-Campus Practicum Public School Setting: Variable credit (2-6). Clinical practice in area public	8-2013

			schools under the direct supervision of professional speech-language pathologists. Traditional grading.	schools under the direct supervision of professional speech-language pathologists. <u>Request S, F grading.</u>	
SHS	568	Revise	Off-Campus Practicum Clinical Setting: Variable credit (2-6). Clinical practice in area medical centers under the direct supervision of professional speech-language pathologists. Traditional grading.	Off-Campus Practicum Clinical Setting: Variable credit (2-6). Clinical practice in area medical centers under the direct supervision of professional speech-language pathologists. <u>Request S, F grading.</u>	8-2013
SOC	574	New	N/A	Labor Market Inequality: 3 credits. This course provides an overview of research on the causes and consequences of inequality in U.S. work organizations.	1-2013