

GRADUATE MAJOR CHANGE BULLETIN NO. 5
Spring 2013

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
TCH_LRN	531	N	--N/A--	Frameworks for Research in Mathematics and Science Education 3 Exploration of research frameworks and methodologies specific to mathematics and science education.	08-2013
TCH_LRN	581	N	--N/A--	Learning and Development in Mathematics and Science 3 This course explores and illustrates “what we know” about various aspects of mathematical learning at various grade levels.	08-2013
TCH_LRN	584	N	--N/A--	Research in Teaching Mathematics and Science 3 The course will develop understandings of the research literature that are particularly related to mathematics and science teaching.	08-2013
TCH_LRN	585	N	--N/A--	Focused Reading and Conference in Math/Science Education V 1-3 May be repeated for credit; cumulative maximum 9 hours. This course is designed to foster ongoing scholarship for individuals interested in mathematics and/or science educational research.	08-2013
TCH_LRN	591	N	--N/A--	Research internship in Math/Science Education 3 May be repeated for credit; cumulative maximum 6 hours. This course provides opportunities for students to work closely with an accomplished researcher to observe, learn, and practice research methods.	08-2013
TCH_LRN	598	N	--N/A--	Research Seminar in Mathematics and Science Education 1 May be repeated for	08-2013

				credit; cumulative maximum 4 hours. Through targeted readings and discussion, students will develop knowledge base proficiencies related to areas of mathematics/science education.	
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