GRADUATE MAJOR CHANGE BULLETIN NO. 9

Spring 2019

The courses listed below reflect the graduate major curricular changes approved by the Graduate Studies Committee since approval of the last Graduate Major Change Bulletin. The course information under the heading titled *Current* will show strikethroughs for deletions, and the heading titled *Proposed* will show underlines for additions. The column to the far right indicates the date each change becomes effective.

Subject	Course Number	New Revise Drop	Current	Proposed	Effective Date
ASTRONOM	**581**	**Drop**	**Advanced Topics** 3 May be repeated for credit; cumulative maximum 12 hours. Topics of current interest in advanced physics. (Crosslisted course offered as PHYSICS 581, ASTRONOM 581). Typically offered Fall and Spring. Cooperative: Open to UI degree-seeking students.	**--N/A--**	**8-19**
MATH	**587**	**New**	**--N/A--**	**Topics in Algebra and Linear Algebra** V 1-3 May be repeated for credit. Advanced topics in algebra and linear algebra. Recommended preparation: Two semesters of linear algebra and one semester of abstract algebra. Typically offered Fall.	**8-19**
MATH	**588**	**New**	**--N/A--**	**Topics in Computational Math** V 1-3 May be repeated for credit. Advanced topics in computational mathematics. Recommended preparation: one semester of numerical analysis. Typically offered Spring.	**8-19**
MATH	**589**	**New**	**--N/A--**	**Topics in Analysis** V 1-3 Advanced topics in mathematical analysis. Recommended preparation: one semester of graduate analysis. Typically offered Spring.	**8-19**
MIT	**503**		**--N/A--**	**Theories of Learning and Development** V 2-3 Course Prerequisite: Admission to MIT program. Theories of learning	**5-19**

				and development for K-12 teaching. Typically offered Summer.	
PHYSICS	**581**	**Revise**	**Advanced Topics** 3 May be repeated for credit; cumulative maximum 12 hours. Topics of current interest in advanced physics. (Crosslisted course offered as PHYSICS 581, ASTRONOM 581). Typically offered Fall and Spring. Cooperative: Open to UI degree-seeking students.	**Advanced Topics** 3 May be repeated for credit; cumulative maximum 12 hours. Topics of current interest in advanced physics. Typically offered Fall and Spring. Cooperative: Open to UI degree-seeking students.	**8-19**