

Course Changes	
2006-2007	Change and rationale
Math 124 Calculus I Revised description list	More accurately describes the current course content.
Math 125 Calculus II Revised description list	More accurately describes the current course content.
Math 312 Proofs in Elementary Analysis Revised prerequisite list	Gives priority to math majors during phase I
Math 331 Ordinary Differential Equations Revised description and prerequisite list	To better describe the current course content. Emphasis on linear systems decreases the need for multivariable calculus co-reqs.
M/CS 335 Linear Optimization Revised prerequisite list	To add CSCI 140 to the prerequisite choices.
M/CS 375 Numerical Computation Revised prerequisite list	To add CSCI 140 to the prerequisite choices.
Math 383 Teaching K-8 Mathematics III Revised credits and description	Increased the number of credits from 3 to 4 in order to retain a practicum component
Math 432 Systems of Differential Equations Revised credits and description	To better describe the current course content. The sequence 203-303 duplicates the 204-331 content but integrates linear algebra and differential equations throughout.
M/CS 435 Nonlinear Optimization Revised prerequisite list	To add CSCI 140 to the prerequisite choices.
Math 491 Teaching K-8 Mathematics Internship Seminar Revised credits	Lowered the number of credits from 3 to 2, adding credit to Math 383 in order to allow that course to retain a practicum component.
Math 535 Nonlinear Optimization Revised prerequisite list	To add CSCI 141 to the prerequisite choices
Math 134 Honors Calculus I New course	Intended primarily for students in the Honors program.
Math 135 Honors Calculus II New course	Intended primarily for students in the Honors program who have taken Honors calculus I.
Math 245 Statistics for Engineering Technology New course	Provide a 3 credit alternative to Math 240 (4 credits) that addresses the statistical methods widely used in engineering.
BA Elementary Education Revised major	Added two new courses 383 and 491 and removed a four credit elective retaining a 50 credit total
BS Biology/ Mathematics Revised major	Reduced the number of credits in the program and allowed biology electives to strengthen the biology component
BA Chemistry/ Mathematics	The Science Education program replaced a

Revised major	4 credit course with a 2 credit course.
BA Physics/ Mathematics Revised major	The Science Education program replaced a 4 credit course with a 2 credit course.

2007-2008	
Math 107 Mathematical Reasoning and Its Applications Revised prerequisite list	Added Math 99 to the list of prerequisite options
Math 118 Accelerated Precalculus Revised prerequisite list	Improved syntax to clarify the requirements
Math 341 Probability and Statistical Inference Revised description	Revised the description to more accurately describe the course content.
Math 342 Statistical Methods Revised description	Revised the description to more accurately describe the course content.
Math 381 Teaching K-8 Mathematics I Revised prerequisite list	Added El Ed 370 or its equivalent to the list of required prerequisites so students have familiarity with pedagogical concepts.
Math 441 Probability Revised description	To more accurately describe the course content and to clearly distinguish 441/442 from 341/342 sequence.
Math 442 Mathematical Statistics Revised description	To more accurately describe the course content and to clearly distinguish 441/442 from 341/342 sequence.
Math 424 Topics in Analysis New course	The course complements the existing Math 430 and Math 421/422 courses by emphasizing rigorous proofs of important theorems that cannot be incorporated elsewhere. It is an introduction to some of the elegant ideas and significant results of analysis that have come to play an important role in mathematics and other sciences.
Math 524 Topics in Analysis New course	The course complements the existing Math 530 and Math 521/522 courses by emphasizing rigorous proofs of important theorems that cannot be incorporated elsewhere. It is an introduction to some of the elegant ideas and significant results of analysis that have come to play an important role in mathematics and other sciences.
BA Mathematics Revised major	On Computer Science recommendation, CSCI 401 replaces CSCI 311.

BA Physics/ Mathematics Revised major	Both Physics 201 and 205 have been cancelled and will now be replaced by Physics 326 a course in error assessment and data analysis that is appropriate for students who will teach high school lab courses.
BS Mathematics Revised major	On Computer Science recommendation, CSCI 401 replaces CSCI 311.
BS Applied Mathematics Revised major	On Computer Science recommendation, CSCI 401 replaces CSCI 311.
BS Math/ Computer Science Revised major	Replaced CSCI 311 with the new CSCI course 305, which is the prerequisite for the CS 405 course.
BS Biology/ Mathematics Revised major	Changed number of credits because of change in Biology 323 credits.

2008-2009	
Math 128 Accelerated Calculus Revised number	Renumbered to Math 138 to make it clear it is a more advanced course than the 134/135 Honors Calculus sequence.
Math 226 Limits and Infinite Series Revised description	Revised description for clarification of course emphasis.
Math 381 Teaching K-8 Mathematics I Revised prerequisite list	The new course ECE 391 is an alternative to the other options in the prereq list that is taken by students in the Early Childhood Education program.
Math 441 Probability Revised prerequisite list	The inclusion of Math 312 (elementary analysis) in the prerequisites will better prepare students for the rigor of the theoretical aspects of the course.
Math 541 Probability Revised prerequisite list	The inclusion of Math 312 (elementary analysis) in the prerequisites will better prepare students for the rigor of the theoretical aspects of the course.
Math 542 Mathematical Statistics Revised description	The description is revised to match that of Math 442.
Math 415 Mathematical Biology New course	An introduction to mathematical models in biology. Population models, Michaelis-Menten kinetics, models for neuron functioning, pattern formation.

	Mathematical topics: difference equations, dynamical systems, conservation equations, stochastic models.
Math 515 Mathematical Biology New course	An introduction to mathematical models in biology. Population models, Michaelis-Menten kinetics, models for neuron functioning, pattern formation. Mathematical topics: difference equations, dynamical systems, conservation equations, stochastic models.
BA Mathematics Revised major	Add the new CS 139 (Python) course to the list of options for introductory programming courses.
BS Mathematics Revised major	Adding 331-415 (ordinary differential equations-mathematical biology) and 331-430 (ordinary differential equations – partial differential equations) as alternatives to the 331-432 (ordinary differential equations – systems of differential equations) sequence. In each case the second course in the sequence is heavily dependent on the material of Math 331. Add the new CS 139 (Python) course to the list of options for introductory programming courses.
BS Applied Mathematics Revised major	Add the new CS 139 (Python) course to the list of options for introductory programming courses.
BS Biology/ Mathematics Revised major	Add the new CS 139 (Python) course to the list of options for introductory programming courses.
BA Economics/ Mathematics Revised major	Add the new CS 139 (Python) course to the list of options for introductory programming courses.
Mathematics Minor Revised minor	Add the new CS 139 (Python) course to the list of options for introductory programming courses.