BIOMATHEMATICS

Requirements

Any student not pursuing a major or second major in biomathematics may obtain a minor in biomathematics by taking the following courses:

Requirements

Code	Title	Hours
Math Core		
MA 111	Calculus I	5
MA 112	Calculus II	5
MA 113	Calculus III	5
MA 221	Matrix Algebra & Differential Equations I	4
MA 222	Matrix Algebra & Differential Equations II	4
MA 223	Engineering Statistics	4
or MA 382	Introduction to Statistics with Probability	
Biomath Core		
Select any three BMTH courses numbered 300 or above		12
Biology		
BIO 110	Cell Structure and Function	4
Select one of the following:		4
BIO 210	Mendelian & Molecular Genetics	
BIO 220	Microbiology	
BIO 230	Cell Biology	

Approval and Biomathematics Minor Form

All minors must be approved by the biomathematics minor advisor and the student's advisor. The department has a form for the planning and approval of a biomathematics minor.

Notes and Limitations on Requirements

- Almost all students are required to take six foundational courses as a requirement for their major; therefore only five "extra courses" are required for most students.
- Only MA 111 Calculus I, MA 112 Calculus II, MA 113 Calculus III, MA 221 Matrix Algebra & Differential Equations I, MA 222 Matrix Algebra & Differential Equations II and one of MA 223 Engineering Statistics, MA 381 Introduction to Probability with Applications to Statistics, or MA 382 Introduction to Statistics with Probability can be counted towards any combination of the multiple minors offered by the mathematics department.
- Biomathematics courses cannot be used to count toward both Free Mathematics Electives for a mathematics major and also towards a biomathematics minor.