

MINOR IN MATHEMATICAL BIOLOGY

The minor in Mathematical Biology is designed for students of the life sciences who wish to acquire a broader base of quantitative expertise in support of their major area of study. The minor includes courses on the mathematical modeling of biological systems.

Requirements Effective Fall 2011

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Additional coursework may be required due to prerequisites.

A minimum grade of C is required in all mathematics, statistics, and computer science courses including all MATH, STAT, or CS joint-listed courses required for the minor in mathematical biology.

Code	Title	Credits
Select one group from the following:		8
Group A:		
MATH 155	Calculus for Biological Scientists I (GT-MA1)	
MATH 255	Calculus for Biological Scientists II	
Group B:		
MATH 160	Calculus for Physical Scientists I (GT-MA1)	
MATH 161	Calculus for Physical Scientists II (GT-MA1)	
MATH 369	Linear Algebra I	3
STAT 307	Introduction to Biostatistics	3
or STAT 315	Intro to Theory and Practice of Statistics	
MATH 348/BZ 348	Theory of Population and Evolutionary Ecology	4
MATH 455	Mathematics in Biology and Medicine	3
Program Total Credits:		21