

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.

Requirements—Effective Fall 2019

A minimum grade of “C” is required in all mathematics and statistics courses, including all joint-listed courses.

| | Course | Title | Credits |
|---|----------------|---|-----------|
| Fundamental Mathematics - One of the following groups | | | 8 |
| Group A | MATH 155 | Calculus for Biological Scientists I | |
| | MATH 255 | Calculus for Biological Scientists II | |
| Group B | MATH 160 | Calculus for Physical Scientists I | |
| | MATH 271 | Applied Mathematics for Chemists I | |
| Group C | MATH 160 | Calculus for Physical Scientists I | |
| | MATH 161 | Calculus for Physical Scientists II | |
| Upper Division Mathematics | | | 10 |
| | MATH 369 | Linear Algebra I | 3 |
| | MATH 348/BZ348 | Theory of Population and Evolutionary Ecology | 4 |
| | MATH 455 | Mathematics in Biology and Medicine | 3 |
| Statistics (select 1) | | | 3 |
| | STAT 307 | Introduction to Biostatistics | 3 |
| | STAT 315 | Statistics for Engineers and Scientists | 3 |
| Total Credits | | | 21 |