

Minors

Mathematical Biology - Minor

College of Sciences

Department of Mathematics, Mathematical Sciences

Building, Room: 207

<http://math.ucf.edu>

Dr. Joseph Brennan, MSB 312, Joseph.Brennan@ucf.edu,
407-823-0147

Admission Requirements

- None

Minor Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 6 hours used in the minor must be earned at UCF within the Department of Mathematics.
- This minor is not open to Math majors.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

BSC 2010C	Biology I	4 hrs
MAC 2311C	Calculus with Analytic Geometry I	4 hrs
MAC 2312	Calculus with Analytic Geometry II	4 hrs

Required Courses (21 hrs)

BSC 2011C	Biology II	4 hrs
MAC 2313	Calculus with Analytic Geometry III	4 hrs
MAP 2302	Ordinary Differential Equations I	3 hrs
MAS 3105	Matrix and Linear Algebra	4 hrs
MAP 4484	Mathematical Biology I	3 hrs
MAP 4494	Mathematical Biology II	3 hrs

Restricted Electives (3 hrs)

Select from the following

BCH 4053	Biochemistry I	3 hrs
PCB 3023	Molecular Cell Biology	3 hrs
PCB 3044	Principles of Ecology	3 hrs
PCB 3063	Genetics	3 hrs
PCB 4683	Evolutionary Biology	4 hrs

Foreign Language Requirements

- None

Total Semester Hours Required

- 24

Other Requirements

- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
- Lower division courses do not substitute for Upper Division courses.