### Mathematical Biology Option

**General Education Requirements** (printable worksheet available at advising.umwestern.edu)

The following required courses are general education requirements specific to this degree. They will satisfy these particular general education categories:

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<tr>
<th>Institution</th>
<th>Accepted</th>
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<td>For Office Use</td>
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**Natural Sciences** (category located on page 2 of your general education worksheet)

- **BIOB** 160 Principles of Living Systems 4
  - Prereq: M 095 or higher.

- **CHMY** 141 College Chemistry I 4
  - Prereq: M 095 or higher; (high school chemistry or CHMY 121 recommended).

**Option**

- **BIOB** 260 Cellular & Molecular Biology 4
  - Prereq: BIOB 160.

- **BIOB** 375 General Genetics 4
  - Prereq: BIOB 260 and STAT 121.

- **BIOB** 420 Evolution 4
  - Prereq: Junior/Senior standing and BIOB 375.

- **CHMY** 143 College Chemistry II 4
  - Prereq: CHMY 141.

- **CHMY** 321 Organic Chemistry I 4
  - Prereq: CHMY 143.

Select **TWO** of the following: (8 Credits)

- **BIOB** 425 Advanced Cell & Molecular Biology 4
  - Prereq: BIOB 260 and Junior standing. CHMY 321 recommended.

- **BIOM** 260 General Microbiology 4
  - Prereq: BIOB 260.

- **CHEM** 441 Biochemistry 4
  - Prereq: CHMY 323 and BIOB 260.

- **CHMY** 323 Organic Chemistry II 4
  - Prereq: CHMY 321.

- **STAT** 331 Bioinformatics 4
  - Prereq: STAT 121 and BIOB 260.