

# BIOLOGY MAJOR

## BIOTECHNOLOGY AND BIOMEDICAL SCIENCE (BIM)

**GENERAL EDUCATION (12 Courses Required):** General education goal 7 (Life Science) is satisfied through completion of the Biology major, leaving eleven courses to be taken to satisfy the remaining general education goals through courses taken outside the major department. Only courses designated (Gen.Ed.) after the course title will meet general education requirements (refer to the catalog for complete information).

<u>COURSE #</u>	<u>TITLE</u>	<u>GOAL(S) MET</u>
<u>43.200</u>	<u>Precalculus</u>	<u>2</u>
<u>33.107</u>	<u>Principles of Chemistry</u>	<u>6</u>
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**General Education Goals (Check off as Completed):**

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| 1 <input type="checkbox"/> Writing                 | 8 <input type="checkbox"/> Historical Studies           |
| 2 <input type="checkbox"/> Quantitative            | 9 <input type="checkbox"/> Social/Behavioral/Sciences   |
| 3 <input type="checkbox"/> Language                | 10 <input type="checkbox"/> Forces in The United States |
| 4 <input type="checkbox"/> Literature/Philosophy   | 11 <input type="checkbox"/> Non-Western Studies         |
| 5 <input type="checkbox"/> Visual/Performing Arts  | 12 <input type="checkbox"/> Gender, Race and Class      |
| 6 <input type="checkbox"/> Physical Science        | <input checked="" type="checkbox"/> Laboratory Science  |
| 7 <input checked="" type="checkbox"/> Life Science | <input type="checkbox"/> Study of the Constitutions     |

**X = Fulfilled through major**

**MAJOR AND RELATED COURSES (16):**

<u>COURSE #</u>	<u>COURSE TITLE</u>
<u>23.160</u>	<u>Introduction to Organismal Biology</u>
<u>23.161</u>	<u>Intro. to Cellular and Molecular Biology</u>
<u>23.260</u>	<u>Cell Biology</u>
<u>23.301</u>	<u>Genetics</u>
<u>23.406</u>	<u>Methods in Biological Research I</u>
<u>23.407</u>	<u>Methods in Biological Research II</u>
<u>33.108</u>	<u>Principles of Chemistry &amp; Quantitative Analysis</u>
<u>33.207</u>	<u>Organic Chemistry I</u>
<u>43.208</u>	<u>Biostatistics</u>

**Seven (7) Additional Biology Electives (one course must focus on plants and one on animals:**

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| <u>23.</u> | <u>Three (3) courses from Group A ,</u>                     |
| <u>23.</u> | <u>at least two from restricted list</u>                    |
| <u>23.</u> | <u>(see catalog)</u>  |
| <u>23.</u> | <u>One (1) course from Group B (see catalog)</u>            |
| <u>23.</u> | <u>Two courses from Group C, including one</u>              |
| <u>23.</u> | <u>physiology course from restricted list (see catalog)</u> |
| <u>23.</u> | <u>One (1) course from Group D (see catalog)</u>            |

**FREE ELECTIVES (5)**
