**MINOR IN BIOMEDICAL SCIENCES**

**Requirements**

**Effective Fall 2018**

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 (2.000) in either BMS 300 or BMS 360 will be required for those students who are seeking to graduate with a minor in biomedical sciences.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>Required Courses</strong></td>
<td></td>
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<tr>
<td>BMS 300</td>
<td>Principles of Human Physiology</td>
<td>4</td>
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<tr>
<td>or BMS 360</td>
<td>Fundamentals of Physiology</td>
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<tr>
<td><strong>Elective Courses</strong></td>
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<tr>
<td>Select 17 credits from the following:</td>
<td>17</td>
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<tr>
<td>BMS 200</td>
<td>Concepts in Human Anatomy and Physiology</td>
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<tr>
<td>BMS 301</td>
<td>Human Gross Anatomy</td>
<td></td>
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<td>BMS 302</td>
<td>Laboratory in Principles of Physiology</td>
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<td>BMS 305</td>
<td>Domestic Animal Gross Anatomy</td>
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<tr>
<td>BMS 325</td>
<td>Cellular Neurobiology</td>
<td></td>
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<td>BMS 330</td>
<td>Microscopic Anatomy</td>
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<tr>
<td>BMS 345</td>
<td>Functional Neuroanatomy</td>
<td></td>
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<tr>
<td>BMS 384</td>
<td>Supervised College Teaching</td>
<td></td>
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<tr>
<td>BMS 401</td>
<td>Laboratory Research in Biomedical Sciences</td>
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<tr>
<td>BMS 405</td>
<td>Nerve and Muscle-Toxins, Trauma and Disease</td>
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<tr>
<td>BMS 409</td>
<td>Human and Animal Reproductive Biology</td>
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<td>BMS 420</td>
<td>Cardiopulmonary Physiology</td>
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<td>BMS 425</td>
<td>Introduction to Systems Neurobiology</td>
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<td>BMS 430</td>
<td>Endocrinology</td>
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<td>BMS 450</td>
<td>Pharmacology</td>
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<tr>
<td>BMS 495</td>
<td>Independent Study^1</td>
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<tr>
<td>BMS 531</td>
<td>Domestic Animal Dissection</td>
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</tr>
<tr>
<td>BMS 575</td>
<td>Human Anatomy Dissection</td>
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</tbody>
</table>

**Program Total Credits:** 21

^1 A maximum total of 6 credits earned in BMS 384 and BMS 495 may be used toward the Elective Courses for the Biomedical Sciences minor.