

## School of Life Sciences Biological Sciences Minor and B.I.S. Biological Sciences Concentration 2006-2007

The Biological Sciences minor and B.I.S. Biological Sciences concentration is designed to provide students interested in the biological sciences with a flexible curriculum that can be tailored to their interests. The minor and concentration consists of 24 semester hours. **Option 1** consists of BIO187- General Biology I and BIO188- General Biology II. PLB 200- Biology of Plants and PLB 201- Biology Plants Laboratory **OR** MIC 206 Microbiology Laboratory and MIC 220 Biology of Microorganisms are optional lower division courses that can be taken in conjunction with BIO 187 or BIO 188. Alternatively, **Option 2** consists of MBB 245- Cellular and Molecular Biology and MBB247-Applied Biosciences: Biotechnology. BIO187-General Biology I is the lower division course that can be taken in conjunction with MBB245 and MBB247. The remaining 16 hours are selected by the student with the **approval of a School of Life Science’s advisor.**

- Notes:**
1. At least **12** of these 16 hours must be in upper division courses in the life sciences.
  2. Courses which are not available for credit in the Life Sciences majors cannot be used for the minor (e.g. BIO 100 The Living World, and BIO 201 Human Anatomy and Physiology I).
  3. This minor is not available to students majoring in the life sciences. Students must file a Declaration of Graduation prior to declaring a minor. Meet with your major advisor to add a minor or concentration to your program of study.

### Recommended Sequences

<b>Option 1</b>	<b>Option 2</b>																																				
<p><b>Required Courses:</b></p> <ol style="list-style-type: none"> <li>1. _____ BIO 187 (4) General Biology I (previously BIO 182)</li> <li>2. _____ BIO 188 (4) General Biology II (previously BIO 181)</li> </ol> <p><b>Optional lower division course ( 200 level):</b></p> <ol style="list-style-type: none"> <li>3. PLB 200 &amp; PLB 201, or MIC 220 &amp; MIC 206 The remaining 12 hours must be upper division Life Science courses.</li> </ol> <p><b>Upper division courses (300 or 400 level):</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 10%;"></th> <th style="text-align: left; width: 40%;"><i>Course</i></th> <th style="text-align: left; width: 50%;"><i>Number of Hours</i></th> </tr> </thead> <tbody> <tr><td>4.</td><td>_____</td><td>_____</td></tr> <tr><td>5.</td><td>_____</td><td>_____</td></tr> <tr><td>6.</td><td>_____</td><td>_____</td></tr> <tr><td>7.</td><td>_____</td><td>_____</td></tr> <tr><td>8.</td><td>_____</td><td>_____</td></tr> </tbody> </table> <p><b>Total hours:</b> _____ (minimum 24)</p>		<i>Course</i>	<i>Number of Hours</i>	4.	_____	_____	5.	_____	_____	6.	_____	_____	7.	_____	_____	8.	_____	_____	<p><b>Required Courses:</b></p> <ol style="list-style-type: none"> <li>1. _____ MBB 245 (4) Cellular &amp; Molecular Bio. (previously MBB245 &amp; MBB246)</li> <li>2. _____ MBB 247 (4) Cellular &amp; Molecular Bio (previously MBB247 &amp; MBB248)</li> </ol> <p><b>Optional lower division course (100 level):</b></p> <ol style="list-style-type: none"> <li>3. BIO 187 (4) General Biology I (previously BIO 182) The remaining 12 hours must be upper division Life Science courses.</li> </ol> <p><b>Upper division courses (300 or 400 level):</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 10%;"></th> <th style="text-align: left; width: 40%;"><i>Course</i></th> <th style="text-align: left; width: 50%;"><i>Number of Hours</i></th> </tr> </thead> <tbody> <tr><td>4.</td><td>_____</td><td>_____</td></tr> <tr><td>5.</td><td>_____</td><td>_____</td></tr> <tr><td>6.</td><td>_____</td><td>_____</td></tr> <tr><td>7.</td><td>_____</td><td>_____</td></tr> <tr><td>8.</td><td>_____</td><td>_____</td></tr> </tbody> </table> <p><b>Total hours:</b> _____ (minimum 24)</p>		<i>Course</i>	<i>Number of Hours</i>	4.	_____	_____	5.	_____	_____	6.	_____	_____	7.	_____	_____	8.	_____	_____
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