

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

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 BIO181- General Biology I, BIO182- General Biology II, BIO340-General Genetics, and BIO345-Organic Evolution. PLB200-Biology of Plants and PLB201-Biology Plants Laboratory OR MIC220-Biology of Microorganisms and MIC206-Microbiology Lab are courses that can be taken in conjunction with Option 1. Alternatively, **Option 2** consists of MBB 245 Cellular and Molecular Biology, MBB247-Applied Biosciences: Biotechnology and MIC220-Biology of Microorganisms and MIC206-Microbiology Lab. The remaining hours are selected by the student with the approval of a School of Life Science's advisor.

- Notes:**
1. At least 12 hours must be 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, BIO 201 Human Anatomy and Physiology I, and BIO202 Human Anatomy and Physiology II).
  3. This minor is not available to students majoring in the life sciences.
  4. Internship courses are not accepted as fulfilling the 24 credit hour requirement.

### Sequences of Courses

<b>Option 1</b>	<b>Option 2</b>																
<p><b>Required Courses:</b></p> <p>_____ BIO 181 (<i>formally BIO 188</i>) (4) General Biology I</p> <p>_____ BIO 182 (<i>formally BIO 187</i>) (4) General Biology II</p> <p>_____ BIO340 (4) General Genetics</p> <p>_____ BIO345 (3) Organic Evolution</p> <p><b>Optional lower division courses (200 level):</b> PLB200&amp; PLB201 or MIC220 &amp; 206</p> <p>At least 5 of the remaining 9 hours must be upper division Life Science courses.</p> <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: 60%;"><i>Course</i></th> <th style="text-align: left;"><i>Number of Hours</i></th> </tr> </thead> <tbody> <tr><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td></tr> </tbody> </table> <p><b>Total hours:</b> _____ (minimum 24)</p>	<i>Course</i>	<i>Number of Hours</i>	_____	_____	_____	_____	_____	_____	<p><b>Required Courses:</b></p> <p>_____ MBB 245 (4) Cellular &amp; Molecular Bio.</p> <p>_____ MBB 247 (4) Cellular &amp; Molecular Bio</p> <p>_____ MIC220 (4) Bio of Microorganisms/Lab &amp; MIC206</p> <p>_____ BIO340 (4) General Genetics</p> <p>The remaining 8 hours must be upper division Life Science courses.</p> <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: 60%;"><i>Course</i></th> <th style="text-align: left;"><i>Number of Hours</i></th> </tr> </thead> <tbody> <tr><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td></tr> </tbody> </table> <p><b>Total hours:</b> _____ (minimum 24)</p>	<i>Course</i>	<i>Number of Hours</i>	_____	_____	_____	_____	_____	_____
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