Curriculum Guide
Bachelor of Science Degree in Biology
Molecular Biology/Biotechnology Concentration

Admissions Criteria:
- An Associate in Arts Degree and a minimum cumulative GPA of 2.0 is required for program admission.
- Completion of the following common prerequisite courses with a grade of “C” of higher is required for program admission:
  BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, CHM 1045, CHM 1045L, CHM 1046, CHM 1046L, CHM 2210, CHM 2210L, CHM 2211, CHM 2211L, MAC 2311, STA 2023. Provisional admission may be available for students with an A.A. Degree who need to complete prerequisite courses. See an IRSC Advisor for details.
- All prerequisites for upper-division courses in the Biology Baccalaureate Degree program require a grade of “C” or higher.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>PCB 3063 &amp; PCB 3063L</td>
<td>Intro to Genetics with Lab</td>
<td>4</td>
<td>BSC 2010 &amp; BSC 2010L, CHM 2210 &amp; CHM 2210L</td>
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<tr>
<td>MCB 3023 &amp; MCB 3023L</td>
<td>General Microbiology with Lab</td>
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<td>PCB 3674</td>
<td>Evolutionary Biology</td>
<td>3</td>
<td>BSC 2010 &amp; BSC 2010L, BSC 2111 &amp; BSC 2111L</td>
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<td>PHY 2053 &amp; PHY 2053L or PHY 2048 &amp; PHY 2048L</td>
<td>College Physics I with Lab or Physics with Calculus I with Lab</td>
<td>4</td>
<td>MAC 1114 (pre/co-req for PHY 2053) MAC 2311 (for PHY 2048)</td>
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<td>BSC 3931</td>
<td>Junior Seminar I</td>
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<td>BSC 2111 &amp; BSC 2111L</td>
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<td>PCB 4043</td>
<td>General Ecology</td>
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<td>BSC 2111 &amp; BSC 2111L</td>
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<td>PHY 2054 &amp; PHY 2054L or PHY 2049 &amp; PHY 2049L</td>
<td>College Physics II with Lab or Physics with Calculus II with Lab</td>
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<td>PHY 2053, PHY 2053L &amp; MAC 1114 (for PHY 2054) PHY 2048 &amp; PHY 2048L (for PHY 2049)</td>
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<td>BSC 3464 &amp; BSC 3464L</td>
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<td>BSC 3464 &amp; BSC 3464L</td>
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<td>PCB 4023 PCB 4023L</td>
<td>Cell Biology and Physiology with Lab</td>
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<td>BSC 4434</td>
<td>Introduction to Bioinformatics</td>
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<td>PCB 4024</td>
<td>Molecular Biology</td>
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<td>PCB 4233</td>
<td>Immunology</td>
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<td><strong>Total Credits</strong></td>
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