**Bioinformatics (B134)**

**Lower Division Requirements**

<table>
<thead>
<tr>
<th>Biology</th>
<th>Chemistry</th>
<th>CSE</th>
<th>Mathematics</th>
<th>Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>BILD 1</td>
<td>6A</td>
<td>11</td>
<td>18</td>
<td>2A</td>
</tr>
<tr>
<td>BILD 3</td>
<td>6B</td>
<td></td>
<td>20A</td>
<td>2B</td>
</tr>
<tr>
<td>BILD 4*</td>
<td></td>
<td></td>
<td>20B</td>
<td>2C**</td>
</tr>
</tbody>
</table>

*Required for freshmen admitted FA15 and later and transfers admitted FA17 and later

**Upper Division Requirements**

Note: Any given course can only satisfy one major requirement.

**Complete the Following**

- CHEM 140A
- CHEM 140B
- CSE 100**
- CSE 101
- BIBC 100  or  BIBC 102
- BICD 100
- BIMM 100  or  CHEM 114D
- BIMM 181
- BIMM 182
- BENG 183**
- BIMM 185
- MATH 186

**Upper-Division Biology Elective** - Complete one (1) upper-division course (at least four units) offered by the UC San Diego Division of Biological Sciences. This may include one quarter of BISP 195 or one quarter of either BISP 196/197/199. Only one special studies course can apply towards the major. An elective may also include SIO 123, 125, 126, 127, 128, 132, 133, 134, 147, 181, or 189.

**Minimum Grade Requirement:** All courses (except BISP 195, 196, 197, & 199) to be applied toward the major must be taken for a letter grade, earning a C- or better.

**Biology Residency Requirement:** All biology majors must complete at least 20 units of upper-division coursework in the Division of Biological Sciences that directly apply towards major requirements while officially enrolled at UC San Diego.

**Upper-Division Unit Requirement:** All UC San Diego students must complete 48 or more units of upper-division coursework within the major.

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**Note:** These courses have additional prerequisites and/or corequisites that are not required for the major. Please contact the respective department to inquire about prerequisite and corequisite enforcement.

**Major GPA** must be at least 2.0 to graduate

Advisor/Date: ______________________

Please refer to current UC San Diego General Catalog for official degree requirements.