**Upper Division Requirements**

**Complete the Following**

<table>
<thead>
<tr>
<th>Biology</th>
<th>Chemistry</th>
<th>Mathematics</th>
<th>Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 140A</td>
<td></td>
<td>10A/20A</td>
<td>1A + 1AL</td>
</tr>
<tr>
<td>CHEM 140B</td>
<td></td>
<td>10B/20B</td>
<td>1B + 1BL</td>
</tr>
<tr>
<td>CHEM 143A</td>
<td></td>
<td>11*/10C/20C</td>
<td>1C + 1CL</td>
</tr>
<tr>
<td>BIBC 102</td>
<td></td>
<td></td>
<td>2A</td>
</tr>
<tr>
<td>BICD 100</td>
<td></td>
<td></td>
<td>2B and lab</td>
</tr>
<tr>
<td>BIMM 100</td>
<td></td>
<td></td>
<td>2C (2BL/2CL/2DL)</td>
</tr>
<tr>
<td>BIMM 110</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>BIPN 100</td>
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</tbody>
</table>

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

**Human Biology (HB) Core -** Complete two (2) courses, one course from each group:

### Human Physiology Group
- BIBC 120
- BIMM 116
- BIPN 120
- BIPN 140
- BICD 130
- BIPN 102
- BIPN 134
- BIPN 148
- BICD 140
- BIPN 108

### Human Disease Group
- BICD 136
- BIMM 118
- BIMM 124
- BIPN 150
- BIMM 114
- BIMM 120
- BIMM 134
- BIPN 152

**Upper-Division Biology Lab(s)** - Complete one of the following options:

**Option #1:** Complete one (1) 6-unit lab from the following: BIMM 121 or BIPN 105

**Option #2:** Complete two (2) 4-unit labs from the following, one lab from each group:

- **Group 1:** BIBC 103, BICD 101, BICD 145, BIEB 143, or BIMM 101
- **Group 2:** BIBC 103, BICD 101, 123, 145, BIEB 121, 123, 131, 135, 143, 167, BIMM 101, or BISP 196/197/199.

**Upper-Division Biology Electives** - Complete two (2) upper-division courses (at least four units each) offered by the UC San Diego Division of Biological Sciences. These may include one quarter of BISP 195 and one quarter of either BISP 196/197/199. Only one special studies course can apply towards the major. Electives may also include SIO 123, 125, 126, 127, 128, 132, 133, 134, 147, 181, and 189.

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

**Advisor/Date:** ______________________

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**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 course work within the major.

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

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Updated: 08/25/16