### UAF Biological Sciences BS Degree, Biomedical Science Concentration

**Catalog year 2017-18 or Later**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Requirement</td>
<td>BIOL F115X, Fundamentals Biology I*</td>
<td>BIOL F116, Fundamentals Biology II*</td>
</tr>
<tr>
<td>BS Degree Requirement</td>
<td>CHEM F105X, General Chemistry*</td>
<td>CHEM F106X, General Chemistry*</td>
</tr>
<tr>
<td>Major Requirement</td>
<td>WRTG 111X, Intro Writing</td>
<td>MATH 251X, Calculus</td>
</tr>
<tr>
<td>Concentration Requirement</td>
<td>SOC F101X Intro Sociology</td>
<td>COJO F131/141X, Oral Comm</td>
</tr>
<tr>
<td>Open elective</td>
<td>Freshman Seminar</td>
<td>LS F101X, Library Science</td>
</tr>
</tbody>
</table>

**Year 1**

- BIOL F260, Princ Genetics*
- PHYS F103X, College Physics*
- WRTG F211/213, Acad Writing
- PSY 101X, Intro Psychology

**Year 2**

- CHEM F321, Organic Chem I*
- BIOL F402, Biomedical & Research Ethics
- BIOL F412, Exercise Physiology*
- STAT 200X, Statistics
- Open Elective

**Year 3**

- CHEM F450, Biochem Macromolecules
- BIOL F465, Immunology*
- GER Arts
- Open Elective

**Year 4**

- BIOL F481, Principles of Evolution*
- CHEM F351, Biochem Metabolism
- ECON F201X, Principles of Economic I
- Open Elective

---

This is an example of how a well-prepared student might complete the degree program in 4 years.

1 BIOL F310 may be replaced with the combination of BIOL F213X & F214X, Human Anatomy and Physiology

2 This is an example; any course from the biomedical course list is acceptable