## ACADEMIC PLANNING SHEET  
### B.S. WILDLIFE AND NATURAL RESOURCES  
#### AQUATIC EMPHASIS

**COLORADO STATE UNIVERSITY – PUEBLO**  

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### Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101: English Composition I</td>
<td>3</td>
<td>ENG 102: English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 171: First Year Seminar</td>
<td>1</td>
<td>BIOL 182/L: College Biology II/Cellular Bio/Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 181/L: College Biology I/Organismal Bio/Lab</td>
<td>4</td>
<td>CHEM 211/L: Intro to Organic Chemistry/Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 121/121L: General Chemistry I/Lab</td>
<td>5</td>
<td>General Education Courses: Social Science</td>
<td>3</td>
</tr>
<tr>
<td>COMR 103: Speaking and Listening</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL SEMESTER HOURS:** 16

### Spring Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 202/L: Zoology/Lab</td>
<td>4</td>
<td>BIOL 201/L: Botany/Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 350: Mendelian and Population Genetics</td>
<td>2</td>
<td>BIOL 352: Evolutionary Biology and Ecology</td>
<td>3</td>
</tr>
<tr>
<td>MATH 156: Introduction to Statistics</td>
<td>3</td>
<td>MATH 221: Applied Calculus</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 201/201L: Principles of Physics I/Lab</td>
<td>4</td>
<td>General Education Courses: Humanities</td>
<td>3</td>
</tr>
<tr>
<td>Required Support Course: Communication</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL SEMESTER HOURS:** 14

### Second Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 479/L: Ichthyology/Lab (every other year)</td>
<td>3</td>
<td>BIOL 443/L: Limnology/Lab (every other spring)</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 101/L: Earth Science/Lab</td>
<td>4</td>
<td>WANR 303: Nat Resource Policy &amp; Admin</td>
<td>3</td>
</tr>
<tr>
<td>General Education Courses: History</td>
<td>3</td>
<td>Upper Division Biology Elective</td>
<td>7</td>
</tr>
<tr>
<td>General Education Courses: Humanities</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Electives</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL SEMESTER HOURS:** 16

### Third Year

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WANR 304: Hum Dim Nat Res Mgmt</td>
<td>3</td>
<td>WANR 401/L: Fisheries Science/Lab</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 453/L: Ecology/Lab</td>
<td>4</td>
<td>BIOL 441/L: Freshwater Invert. Ecology/Lab (every other spring)</td>
<td>4</td>
</tr>
<tr>
<td>General Education Courses: Social Science</td>
<td>3</td>
<td>BIOL 493: Senior Seminar</td>
<td>1</td>
</tr>
<tr>
<td>General Electives</td>
<td>6</td>
<td>Upper Division Biology Elective</td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td>3</td>
<td>General Electives</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL SEMESTER HOURS:** 16

### Fourth Year

The Academic Planning Sheet is designed as a guide for students planning their course selections. The information on this page provides only a suggested schedule. Actual course selections should be made with the advice and consent of an academic adviser. While accurately portraying the information contained in the college catalog, this form is not considered a legal substitute for that document. Students should become familiar with the catalog in effect at the time in which they entered the institution.
General Education Requirements: 21 semester hours

- ENG 101: English Composition I (3)
- ENG 102: English Composition II (3)
- Mathematics Course (3)
  MATH 156: Introduction to Statistics (3)
- Humanities Courses (9)
  COMR 103: Speaking and Listening (3)
- History Course (3)
- Social Sciences Courses (6)
  Natural and Physical Sciences Courses (8) (2 courses with labs)
  - BIOL 181/L: College Biology I/Organismal Bio/Lab (4)
  - BIOL 182/L: College Biology II/Cellular Bio/Lab (4)

Course Completed elsewhere CSU-Pueblo equivalent
(Ex: English 101) (Ex: English 101)

Major Requirements:

Core Requirements for Major: 29 semester hours

- BIOL 171: First Year Seminar (1)
- BIOL 181/L: College Biology I/Organismal Bio/Lab (4)
- BIOL 182/L: College Biology II/Cellular Bio/Lab (4)
- BIOL 201/L: Botany/Lab (4)
- BIOL 202/L: Zoology/Lab (4)
- BIOL 350: Mendelian and Pop Genetics (2)
- BIOL 352: Evolutionary Biology and Ecology (3)
- WANR 303: Nat Res Policy Admin (3)
- WANR 304: Hum Din Nat Res Mgmt (3)
- BIOL 493: Seminar (1)

Required Support Courses: 30 semester hours

- CHEM 121/L: General Chemistry I/Lab I (5)
- CHEM 211/L: Principles of Organic Chem/Lab (4)
- PHYS 201/L: Principles of Physics I/Lab I (4)
- GEOL 101/L: Earth Science/Lab I (4)
- MATH 156: Introduction to Statistics (3)
- MATH 221: Applied Calculus (4)
- COMR 103: Speaking and Listening (3)

AND at least one communication course from the following list:
- BUSAD 270: Business Communications (3)
- COMR 212: Argumentation (3)
- COMR 221: Interpersonal Communication (3)
- COMR 335: Interpersonal Communication (3)
- COMR 350: Communicating in Professions (3)
- ENG 204: Introduction to Rhetoric (3)
- ENG 302: Grant Writing (3)
- ENG 303: Advanced Composition (3)
- ENG 305: Technical & Scientific Report Writing (3)
- ENG 345: Intercultural Communication (3)
- MCCNM 201: Introduction to Journalism (3)
- REC 381: Environmental Interpretation (3)

Upper Division Electives: 28 semester hours

- BIOL 441/L: Freshwater Invert Ecology/Lab (4)
- BIOL 443/L: Limnology/Lab (4)
- BIOL 453: Ecology/Lab (4)
- BIOL 479/L: Ichthyology/Lab (3)
- WANR 401/L: Fisheries Science/Lab (3)
- Advisor-Approved Upper Division Electives (10)

General Electives: 12 semester hours

(Courses italicized meet General Education requirements)

Institutional Graduation Requirements:

- Total of 120 semester hours, minimum.
- Complete a minimum of 40 semester hours in upper-division courses.
- Overall cumulative grade point average of 2.00.
- A minimum of 60 semester hours must be earned from a four-year institution. Of these, a minimum of 30 semester hours of credit must be earned in residence.
- Of the last 30 semester credits earned immediately preceding graduation, no more than 15 may be completed at other colleges or universities.
- All other requirements as specified in the Catalog.

Additional Major Graduation Requirements

- Student majoring in Biology must receive a grade of C or better in all core biology courses.
- Students must have at least a cumulative GPA of 2.00 in the major area.
- Students majoring in biology must demonstrate computer literacy.

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