

# ACADEMIC PLANNING SHEET

# B.S. WILDLIFE AND NATURAL RESOURCES AQUATIC EMPHASIS

COLORADO STATE UNIVERSITY – PUEBLO

2017-2018 CATALOG

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	Fall Semester		Spring Semester	
<b>First Year</b>	ENG 101: English Composition I BIOL 171: First Year Seminar BIOL 181/L: College Biology I /Organismal Bio/Lab CHEM 121/121L: General Chemistry I/Lab COMR 103: Speaking and Listening	3 1 4 5 3	ENG 102: English Composition II BIOL182/L: College Biology II/Cellular Bio/Lab CHEM 211/L: Intro to Organic Chemistry/Lab General Education Courses: Social Science	3 4 4 3
	<b>TOTAL SEMESTER HOURS</b>	<b>16</b>	<b>TOTAL SEMESTER HOURS</b>	<b>14</b>
<b>Second Year</b>	BIOL 202/L: Zoology/Lab BIOL 350: Mendelian and Population Genetics MATH 156: Introduction to Statistics PHYS 201/201L: Principles of Physics I/Lab COMR 221: Interpersonal Communication	4 2 3 4 3	BIOL 201/L: Botany/Lab BIOL 352: Evolutionary Biology and Ecology MATH 221: Applied Calculus General Education Courses: Humanities	4 3 4 3
	<b>TOTAL SEMESTER HOURS</b>	<b>16</b>	<b>TOTAL SEMESTER HOURS</b>	<b>14</b>
<b>Third Year</b>	BIOL 479/L: Ichthyology/Lab (every other year) GEOL 101/L: Earth Science/Lab General Education Courses: History General Education Courses: Humanities General Electives	3 4 3 3 3	BIOL 443/L: Limnology/Lab (every other spring) WANR 303: Nat Resource Policy & Admin Upper Division Biology Elective General Electives	4 3 3 4
	<b>TOTAL SEMESTER HOURS</b>	<b>16</b>	<b>TOTAL SEMESTER HOURS</b>	<b>14</b>
<b>Fourth Year</b>	WANR 304: Hum Dim Nat Res Mgmt BIOL 453/L: Ecology/Lab General Education Courses: Social Science General Electives	3 4 3 6	WANR 401/L: Fisheries Science/Lab BIOL 441/L: Freshwater Invert. Ecology/Lab (every other spring) BIOL 493: Senior Seminar Upper Division Biology Elective General Electives	3 4 1 3 3
	<b>TOTAL SEMESTER HOURS</b>	<b>16</b>	<b>TOTAL SEMESTER HOURS</b>	<b>14</b>

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: 24 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)
  - BIOL182/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: 44 semester hours**

- BIOL 171: First Year Seminar (1)
- BIOL 181/L: College Biology I/Organismal Bio/Lab* (4)
- BIOL182/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)
- BIOL 441/L: Freshwater Invert Ecology/Lab (4)
- BIOL 443/L: Limnology/Lab (4)
- BIOL 453/L: Ecology/Lab (4)
- BIOL 479/L: Ichthyology/Lab (3)

**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 2.000 in the major area.
- Students majoring in biology must demonstrate computer literacy.

**Core Requirements for Major cont.:**

- BIOL 493: Seminar (1)
- Upgraded upper division electives (6)

**Wildlife and Natural Resources Courses: 9 semester hours**

- WANR 303: Nat Res Policy Admin (3)
- WANR 304: Hum Din Nat Res Mgmt (3)
- WANR 401/L: Fisheries Science and Lab (3)

**Required Support Courses: 27 semester hours**

- GEOL 101/L: Earth Science/Lab I (4)
- 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)
- MATH 156: Introduction to Statistics* (3)
- MATH 221: Applied Calculus (4)
- COMR 221: Interpersonal Communication (3)

**General Electives: 16 semester hours**

(Courses *italicized* meet General Education requirements)

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