

ACADEMIC PLANNING SHEET

B.S. WILDLIFE AND NATURAL RESOURCES AQUATIC EMPHASIS

COLORADO STATE UNIVERSITY – PUEBLO

2018-2019 CATALOG

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	Fall Semester		Spring Semester	
First Year	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
	TOTAL SEMESTER HOURS	16	TOTAL SEMESTER HOURS	14
Second Year	BIOL 202/L: Zoology/Lab BIOL 350: Mendelian and Population Genetics MATH 156: Introduction to Statistics PHYS 201/201L: Principles of Physics I/Lab Required Support Course: 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
	TOTAL SEMESTER HOURS	16	TOTAL SEMESTER HOURS	14
Third Year	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	4 3 7
	TOTAL SEMESTER HOURS	16	TOTAL SEMESTER HOURS	14
Fourth Year	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
	TOTAL SEMESTER HOURS	16	TOTAL SEMESTER HOURS	14

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)
 - 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: 29 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)
- WANR 303: Nat Res Policy Admin (3)
- WANR 304: Hum Din Nat Res Mgmt (3)
- BIOL 493: Seminar (1)

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.

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)

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