

ACADEMIC PLANNING SHEET

B.S. WILDLIFE AND NATURAL RESOURCES TERRESTRIAL 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 MATH 221: Applied Calculus	3 4 4 4
	TOTAL SEMESTER HOURS	16	TOTAL SEMESTER HOURS	15
Second Year	BIOL 202/L: Zoology/Lab MATH 156: Introduction to Statistics Support Elective Course: Science Support Elective Course: Communication BIOL 352: Evolutionary Biology and Ecology	4 3 3-4 3 3	BIOL 201/L: Botany/Lab WANR 302: Principles of Wildlife Management General Education Courses: Humanities General Education Courses: Social Science General Education Courses: History	4 3 3 3 3
	TOTAL SEMESTER HOURS	16-17	TOTAL SEMESTER HOURS	13
Third Year	Approved Upper Division Elective: Zoology MATH 221: Applied Calculus General Education Courses: Humanities Approved Upper Division Elective: Botany	3-5 4 3 3-4	Approved Upper Division Elective: Policy & Admin Approved Upper Division Elective: Terrestrial Vert. General Education Courses: Social Science General Electives Advisor-Approved Upper Division Elective	3 3 3 3 3
	TOTAL SEMESTER HOURS	13-16	TOTAL SEMESTER HOURS	15
Fourth Year	Approved Upper Division Elective: Policy & Admin BIOL 453/L: Ecology/Lab General Electives Advisor-Approved Upper Division Elective	3 4 6 3	WANR 402: Management of Endangered Species BIOL 493: Senior Seminar Approved Upper Division Elective: Terrestrial Vert. General Electives Advisor-Approved Upper Division Elective	3 1 3 2-5 3-6
	TOTAL SEMESTER HOURS	16	TOTAL SEMESTER HOURS	12-18

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.

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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: 27 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 352: Evolutionary Biology and Ecology (3)
- WANR 302: Princ Wildlife Mgmt (3)
- WANR 402: Management of Endangered Species (3)
- BIOL 493: Seminar (1)

Required Support Courses: 29-31 semester hours

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

Support Course Electives must include:

At least *one* science course from the following list:

- PHYS 201/L: Principles of Physics I/Lab I (4)
- GEOL 101/L: Earth Science/Lab (4)

At least *one* communications course from the following list:

- COMR 221: Interpersonal Communication (3)
- BUSAD 270: Business Communications (3)
- COMR 212: Argumentation (3)
- COMR 335: Gender and Communication (3)
- COMR 350: Communicating in Professions (3)

Support Course Electives: Cont'd

- 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)

At least **one** additional MATH course in the 100 level or above:

Recommended:

- MATH 550 Statistical Methods. (3)

Approved Upper Division Electives: 30 semester hours

At least **two** terrestrial vertebrate courses from the following list:

- BIOL 482/L: Herpetology/Lab (3)
- BIOL 483/L: Mammalogy/Lab (3)
- BIOL 484/L: Ornithology/Lab (3)

At least **one** zoology course from the following list:

- BIOL 321/L Comparative Vertebrate Anatomy/Lab (5)
- BIOL 414/L Vertebrate Physiology/Lab (4)
- BIOL 441/L Freshwater Invertebrate Zoology/Lab (4)
- BIOL 454 Behavioral Ecology (3)
- BIOL 479/L Ichthyology/Lab (3)
- BIOL 481/L Entomology/Lab (3)
- BIOL 482/L Herpetology/Lab (3)
- The third of the terrestrial vertebrate courses above (3)

At least **one** botany course from the following list:

- BIOL 413/L Plant Physiology/Lab (4)
- BIOL 485/L Plant Taxonomy/Lab (4)
- BIOL 486/L Field Botany (3)

At least **two** policy and administration courses from the following list:

- BIOL 462: Environmental Policy & Management (3)
- REC 482: Sustainable Practices (3)
- WANR 303: Nat Resources Policy & Administration (3)
- WANR 304: Human Dimensions in Nat Res Mgmt (3)

Advisor-Approved Upper Division Electives: 9-12 semester hours

Recommended:

- BIOL 454/L: Ecology/Lab (4)
- BIOL 461: Applied Geospatial Tech (GIS/GPS) (3)
- BIOL 479/L: Ichthyology/Lab (3)

General Electives: 11-13 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 2.000 in the major area.
- Students majoring in biology must demonstrate computer literacy.

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