

Student ID: _____
 Student Name: _____
 Advisor Name: _____

Catalog: 2024-2025 Undergraduate Catalog
 Program: Natural Science, Wildlife Ecology Option, BS/BA

Natural Science, Wildlife Ecology Option, BS/BA

The Wildlife Ecology option is designed for students interested in careers in conservation management, environmental science, resource management, and wildlife-related fields, including as officers or rangers in governmental agencies and positions in allied non-governmental organizations.

A student must complete the following requirements in addition to the General Studies requirements. No grade lower than "C-" will satisfy major requirements.

Students wanting to pursue a Bachelor of Arts degree must complete the Additional BA Requirements.

Wildlife Ecology Option Requirements

Natural Science Core Requirements

Organismal Biology

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 101 - Introductory Botany	4 Credit Hours			
BIOL 102 - Introductory Zoology	4 Credit Hours			
BIOL 301 - Microbiology	4 Credit Hours			
BIOL 311 - Evolution & Systematic Biology	3 Credit Hours			
BIOL 317 - Ecology	4 Credit Hours			
BIOL 404 - Genetics	3 Credit Hours			

Biological Chemistry

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 330 - Cellular Biology	3 Credit Hours			
CHEM 101 - General Chemistry I	4 Credit Hours			
CHEM 102 - General Chemistry II	4 Credit Hours			

Final Defense

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 495 - Senior Competency Exam	0 Credit Hours			

Natural Science Core Total: 33

Wildlife Ecology Option

Systems Biology

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
ESCI 230 - Limnology	4 Credit Hours			

Wildlife Ecology

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 350 - Conservation & Management	3 Credit Hours			
BIOL 351 - Introduction to Geographical Information Systems	1 Credit Hours			
BIOL 355 - Wildlife Techniques	3 Credit Hours			

Invertebrate Biology:

Choose one (1) of the following courses:

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 365 - Entomology: the Natural History of Great Plains Insects	4 Credit Hours			
Or				
BIOL 370 - Natural History of Invertebrates	4 Credit Hours			
Or				
BIOL 380 - Invertebrate Zoology	4 Credit Hours			
Or				
BIOL 398 - Human Parasitology	4 Credit Hours			

Vertebrate Biology

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 420 - Comparative Anatomy & Evolution of the Vertebrates	4 Credit Hours			
BIOL 426 - Vertebrate Diversity	4 Credit Hours			

Capstone/Practicum:

Choose one (1) of the following:

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 414 - Internship in Wildlife Management	1 to 12 Credit Hours			
Or				
BIOL 490 - Undergraduate Research Thesis	3 Credit Hours			

Option Total: 24

Major Total: 57

*Entering freshmen majoring in Natural Science should enroll for BIOL 101 or BIOL 102, CHEM 101, and ENG 101 during their first semester at PSC.

Notes: