

BACHELOR OF SCIENCE (BS) or BACHELOR OF ARTS (BA)

Major: Natural Science Wildlife Ecology Option

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.

NATURAL SCIENCE CORE REQUIREMENTS

Course	No.	Title	Hours
<i>Organismal Biology</i>			
BIOL	101	Introductory Botany	4
BIOL	102	Introductory Zoology	4
BIOL	301	Microbiology	4
BIOL	311	Evolution and Systematic Biology	3
BIOL	317	Ecology	4
BIOL	404	Genetics	3
<i>Biological Chemistry</i>			
BIOL	330	Cellular Biology	3
CHEM	101	General Chemistry I	4
CHEM	102	General Chemistry II	4
<i>Final Defense</i>			
BIOL	495	Senior Competency Exam	0
Natural Science Core Total			33

WILDLIFE ECOLOGY OPTION

<i>Systems Biology</i>			
ESCI	230	Limnology	4
<i>Wildlife Ecology</i>			
BIOL	350	Conservation & Management	3
BIOL	351	Introduction to Geographical Information Systems	1
BIOL	355	Wildlife Techniques	3
<i>Invertebrate Biology: Choose one (1) of the following courses:</i>			
BIOL	365	Entomology OR	4
BIOL	370	Natural History of Invertebrates OR	
BIOL	380	Invertebrate Zoology OR	
BIOL	398	Parasitology	
<i>Vertebrate Biology</i>			
BIOL	420	Comparative Anatomy & Evolution of Vertebrates	4
BIOL	426	Vertebrate Diversity	4
<i>Capstone/Practicum: Choose one (1) of the following:</i>			
BIOL	414	Internship in Wildlife Biology OR	1
BIOL	490	Undergraduate Research Thesis	
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.