

# Zoology, Minor

Zoology is the study of animals, the most diverse group of organisms on Earth. The field of Zoology includes the structure, embryology, evolution, classification, habits, and distribution of all animals, both living and extinct, and how they interact with their ecosystems. This curriculum will allow students to examine the diversity, anatomy, physiology, evolution, behavior, and ecology of animals while also giving students a strong background in the fundamentals of biological science. A minor in Zoology can open the door to a wide variety of careers in different industries. Studying Zoology will prepare students for veterinary, dental, or graduate school, and provides them with highly employable career options in animal care (e.g. aquaria, zoos, aviaries), wildlife biology, conservation, and government agencies. A degree in Zoology allows students to easily enter the workforce or continue to a professional or graduate program.

## Matriculation Requirements

Admitted to a bachelor degree program at UVU.

## Program Requirements

Code	Title	Credit Hours
<b>Total Credit Hours</b>		<b>24</b>
<b>Discipline Core Requirements</b>		<b>24 Credits</b>
Complete the following with a grade of C- or better:		
BIOL 1610	College Biology I BB	4
BIOL 1615	College Biology I Laboratory	1
BIOL 1620	College Biology II	3
BIOL 1625	College Biology II Laboratory	1
Complete one of the following with a grade of C- or better:		4
ZOOL 3100 & ZOOL 3105	Vertebrate Zoology and Vertebrate Zoology Laboratory (4)	
ZOOL 3200 & ZOOL 3205	Invertebrate Zoology and Invertebrate Zoology Laboratory (4)	
Complete 11 upper-division credits from any of the following ZOOL courses with a grade of C- or higher in each:		11
ZOOL 3100 & ZOOL 3105	Vertebrate Zoology and Vertebrate Zoology Laboratory (4)	
ZOOL 3200 & ZOOL 3205	Invertebrate Zoology and Invertebrate Zoology Laboratory (4)	
ZOOL 3300 & ZOOL 3305	Herpetology and Herpetology Laboratory (4)	
ZOOL 3430 & ZOOL 3435	Entomology and Entomology Laboratory (4)	
ZOOL 3500 & ZOOL 3505	Mammalogy and Mammalogy Laboratory (4)	
ZOOL 4000	Animal Behavior (3)	
ZOOL 4100	Parasitology (4)	
ZOOL 4300	Histology (4)	
ZOOL 4400	Pathophysiology (4)	
ZOOL 4500 & ZOOL 4505	Comparative Vertebrate Zoology and Comparative Vertebrate Zoology Laboratory (4)	
ZOOL 4600	Ornithology (4)	

## Graduation Requirements

Complete all required courses and electives for the minor with a grade of C- or higher in each.

## Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year		Credit Hours
<b>Semester 1</b>		
BIOL 1610 & BIOL 1615	College Biology I BB and College Biology I Laboratory	5
	<b>Credit Hours</b>	<b>5</b>
<b>Semester 2</b>		
BIOL 1620 & BIOL 1625	College Biology II and College Biology II Laboratory	4
	<b>Credit Hours</b>	<b>4</b>
<b>Second Year</b>		
<b>Semester 3</b>		
Core Elective		4
Upper Division Electives		4
	<b>Credit Hours</b>	<b>8</b>
<b>Semester 4</b>		
Upper Division Electives		7
	<b>Credit Hours</b>	<b>7</b>
	<b>Total Credit Hours</b>	<b>24</b>

## Program Learning Outcomes

1. Apply the process of science through the use of hypothesis testing in the design and completion of scientific experiments
2. Critically evaluate scientific information
3. Quantitatively analyze scientific data through graph interpretation, statistical analysis, and problem solving
4. Effectively communicate scientific information in both written and oral formats
5. Explain fundamental zoological concepts including cell biology, genetics, evolution, ecological principles, organismal biology, and biodiversity