

Biology, B.S. Animal Biology Concentration

What will I be studying?

The biology of invertebrate and vertebrate animals. This focus provides a firm foundation in basic biological concepts and the tools necessary to function as a professional biologist with a special emphasis on animals.

Career Ideas!

Animal Trainer

Care for and train animals in a zoo, aquarium, or rescue environment

Animal Rehabilitator

Treatment and care of sick, injured, or orphaned animals

Wildlife Biologist

Study wildlife and how they interact with their natural ecosystems

Research Zoologist

Study the biology of animals through academia and research

**Please note this is not a complete list of careers you can go into with this major.



Science Center (SCA) 203



bioadvise@usf.edu



usf.edu/bio-advise

Contact Us

Biology Club

Pre-Veterinary Society

Pause for Paws

SPEAK (Students Protecting the Environment & Animals through Knowledge)

ZooTampa at Lowry Park

Florida Aquarium

Clearwater Marine Aquarium

Get Involved!

Integrative Biology Department
Biology, B.S. with an Animal Biology Concentration

Example Four Year Plan

Year 1		
Fall	Spring	Summer
CHM 2045: Chemistry 1**	CHM 2046: Chemistry 2	STA 2023: Statistics
CHM 2045L: Chemistry 1 Lab **	CHM 2046L: Chemistry 2 Lab	Non-Major Elective
MAC 2311: Calculus 1**	BSC 2010: Cellular Processes	
ENC 1101: Composition 1	BSC 2010L: Cellular Processes Lab	
Core Social Science Course	Core Humanities	
	ENC 1102: Composition 2	
Total Hours: 14	Total Hours: 14	Total Hours: 6
Year 2		
Fall	Spring	Summer
BSC 2011: Biodiversity	CHM 2211: Organic Chemistry 2	PHY 2053: Physics 1
BSC 2011L: Biodiversity Lab	CHM 2211L: Organic Chemistry 2 Lab	PHY 2053L: Physics 1 Lab
CHM 2210: Organic Chemistry 1	PCB 3043: Ecology	
CHM 2210L: Organic Chemistry 1 Lab	PCB 3043L: Ecology Lab	
Enhanced Gen-Ed: Creative Thinking	Enhanced Gen-Ed: Info & Data Literacy	
Enhanced Gen-Ed: Human/Cultural Diversity	Upper-Level Non-Major Elective	
Total Hours: 15	Total Hours: 15	Total Hours: 4
Year 3		
Fall	Spring	Summer
PCB 3063: General Genetics	PCB 4674: Organic Evolution	
PCB 3063L: General Genetics Lab	ZOO 4307: Vertebrate Zoology	
PHY 2054: Physics 2	ZOO 4307L: Vertebrate Zoology Lab	
PHY 2054L: Physics 2 Lab	Upper-Level Non-Major Elective	
Upper-Level Non-Major Elective	Upper-Level Non-Major Elective	
Enhanced Gen-Ed: Ethical Reasoning & Civic Engagement		
Total Hours: 14	Total Hours: 13	Total Hours: 0
Year 4		
Fall	Spring	Total Credits to Graduation
Animal Restricted Elective	Animal Restricted Elective	Major Requirements: 68 credit hours
Animal Restricted Elective	Biology Major Elective	
Upper-Level Non-Major Elective	Biology Lab course	General Education Requirements: 27 credit hours
Non-Major Elective	Non-Major Elective	
	Enhanced Gen-Ed: High Impact Practice	Other Degree Requirements: 25 credit hours
Total Hours: 12	Total Hours: 13	Total= 120

**May require completion of additional math pre-requisites (consider the [MPT](#) or [CPT](#) exams)