Degree Options
Bachelor of Science in Zoology
   General Zoology
   Pre-Veterinary/Animal care
   Pre-medicine/Pre-dentistry

Minors
Zoology

Certificate
Certificate in Quantitative Biology

Student Clubs of Interest
Biology club
Zoology Club
Raptor Club and Rehabilitation Program
Scientista
Pre-Health Professions:
   Minority Association of Pre-Health Students (MAPS)
Pre-Dental Club
Pre-Health Club
Pre-Nursing Club: Rho Nu
Pre-Pharmacy Club
Pre-Physician Assistant Club
Pre-PT/OT Club
Pre-Vet Club (AKA Organization of Future Veterinarians)

Career Options
Medicine, dentistry, and health fields
Physical and occupational therapy
Veterinary medicine
Animal care and rehabilitation
Zoo and marine park administration
Fisheries and wildlife biology
Conservation and resource management
Ecologist
Environmental assessment
Biotechnology and genetic engineering
Forensics and pathology
Public policy
Science education
Science writing and journalism

Admission to the Major Requirements
Admission to the Zoology major requires completion of 24 semester credit hours and a 2.0 GPA

Suggested Classes for First-Year Students
Two science or math classes
   OR
   One science and one math
   PLUS
   Two non-science classes each semester

Suggested Classes for Transfer Students
Core biology, physical sciences, mathematics, and statistics requirements and electives

Math Requirement
Math 140: Calculus for Life Scientists
   OR
   Math 171: Calculus I

Core Courses
Biology 106: Introductory Biology: Organismal Biology
Biology 107: Introductory Biology: Cell Biology and Genetics
Biology 301: General Genetics
Biology 372: General Ecology
   OR Biology 370: Ecology of Health and Disease
Biology 395: Evolutionary Biology
   OR Biology 403: Evolutionary Biology
   OR Biology 405: Principles of Organic Evolution
Chemistry 105: Principles of Chemistry I
Chemistry 106: Principles of Chemistry II
Chemistry 345: Organic Chemistry I
Math 140: Calculus for Life Scientists
   OR Math 170: Calculus I
Physics 101 and 102: General Physics
   OR Physics 201 and 202: Physics for Scientists and Engineers
Statistics 212: Introduction to Statistical Methods
   OR Statistics 412: Statistical Methods in Research
Program Strengths

• Build a strong foundation in the sciences.
• Use options to focus on depth and breadth of interest areas.
• Courses cover zoology: development, comparative physiology, human physiology, comparative anatomy, human anatomy, human nutrition, organismal biology (fishes, reptiles, amphibians), birds, and mammals, conservation biology, disease biology, genetics and genomics, ecology, and evolutionary biology.
• Small class sizes in advanced courses.
• Opportunities for one-on-one research with biology faculty, including field and laboratory experiences.
• Students gain skills in research design, data analysis, DNA and cell biological techniques, physiological diagnostics, ecological and environmental assessment, phylogenetic and evolutionary analysis, global complex systems analysis, computer modeling and simulations, scientific writing, and professional communications.
• Coursework and experiences designed to prepare students for graduate and professional schools.
• Math, science, and engineering community residence halls with other entering students in same classes provide opportunities for group study, tutoring, and computer lab access.
• Conner Museum of Natural History has animal skins, skeletons, and taxidermy mounts for research and study.

For more information:
sbs.wsu.edu
sbs@wsu.edu
509-335-3553

Professional Advisors
Brandon Fris
Academic Coordinator and Advisor
brandon.frис@wsu.edu
Abelson 301C
509-335-3553

Susan Schroeder
Academic Coordinator and Advisor
schroedersa@wsu.edu
Abelson 301E
509-335-3553

Audrey Van Nuland
Academic Advisor and Graduate Coordinator
aud.vannuland@wsu.edu
Abelson 301D
509-335-3553

R. Dave Evans
Professor and Associate Director
rdevans@wsu.edu
509-335-3553

Notes: