Zoology
College of Arts and Sciences

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
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
Environmental assessment
Biotechnology and genetic engineering
Forensics and pathology
Public policy
Science education
Science writing and journalism

Certification Requirements
  24 completed semester credits
  2.0 minimum grade point average

Suggested Classes for First-Year Students
Two science 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
  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
  Physics 101 and 102: General Physics
  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 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 advance 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:
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