THE CURRICULUM

The Department of Integrative Biology offers four degree options:

- Biological Science - The study of living organisms
- Physiology - The study of anatomy and how cells, tissues, and organ systems of animals and humans function
- Zoology - The integrative study of the biology of animals, including humans
- Biological Science - Secondary Teacher Certification

STUDENTS IN THE DEPARTMENT OF INTEGRATIVE BIOLOGY USE KNOWLEDGE OF THE LIFE SCIENCES TO ANSWER QUESTIONS THROUGH HANDS-ON COURSE EXPERIENCES AND INDEPENDENT PROJECTS. Lab work offers opportunities to work with and research invertebrates, ecological systems and physiological processes. Fieldwork focuses on ecosystems and organisms such as monarch butterflies, collared lizards, bluebirds, and daphnia. Students have the opportunity to work in specialized labs like the Ecotoxicology and Water Quality Research Laboratory.
OPPORTUNITIES FOR FUTURE STUDENTS

• Undergraduate Research
• Research Presentation Opportunities each semester
• OSUTeach
• Guest Speakers and Presentations
• Career Advising
• Social Activities
  - Integrative Biology Ambassadors
  - Pre-Health/Pre-Vet Clubs
  - Tri Beta Honor Society
• Collection of Vertebrates for research and preservation

INTERNSHIPS

• Government Agencies
• Zoological Parks
• Animal Rehabilitation
• Aquariums
• State and National Parks
• Conservation Organizations
• Medical Centers

SCHOLARSHIPS

• Life Sciences Freshman Research Scholarships
• Departmental Scholarships
• Niblack Research Scholarships
• Wentz Scholar

CAREERS

With a broad education in the life sciences, graduates are prepared to enter a variety of career fields, including the public and private sector, post graduate studies, or professional programs such as medical and veterinary schools.

OUR GRADUATES’ CAREERS

• Conservation Biologist
• University Faculty
• Medical Research Technician
• Physician
• Veterinarian
• Zoologist
• Ecologist
• Dentist
• Pharmacist
• Forensic Scientist
• Physician’s Assistant
• Secondary School Teacher

COURSES

An Integrative Biology student, whether majoring in Biological Science, Biological Science-Secondary Teacher Certification, Physiology, or Zoology, takes courses that cultivate scholarship and theory with practical applications for a wide-range of future careers. Courses provide hands-on activities in both the laboratory and the field, while developing mentoring relationships with our faculty. The curriculum provides an excellent basis for students interested in health and veterinary careers, graduate study, or government and private sector employment.

OSUTeach option available to pursue a biological science degree with secondary teacher certification.

Visit our Finish-in-Four Plans at http://casstudents.okstate.edu/finish-in-four-plans