



DEPARTMENT OF
INTEGRATIVE BIOLOGY
College of Arts and Sciences

Make a difference with a degree in Zoology-Pre-Veterinary Medicine

DISCOVER the living world

UNDERSTAND how organisms function, interact, & evolve.

PREPARE for Veterinary School or Animal Health Sciences



	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR+
Your Courses	Build a foundation with introductory biology, chemistry, & math classes: BIOL 1113, 1111 & 1604, CHEM 1314, & MATH 1813.	Continue strengthening science knowledge in microbiology, physics, & statistics classes: MICR 2132, 2132, PHYS 1114, 1214, & STAT 2013 or 3023.	Study upper division courses for professional program preparation: BIOL 3104, 3114, 4104, CHEM 3013/3012 or 3053/3153/3112, & ANSI 3543.	Finish with courses from an array of selections in classification, ecology, & animal behavior & communication. Ensure degree requirements are met.
Your Experience	Get to know faculty & teaching assistants to connect with the department. Talk to your advisor & learn about Study Abroad options.	Reach out to faculty to find opportunities to research or volunteer. Consider independent research, internships, or shadowing opportunities.	Start the vet school application (VMCAS) , including GRE preparation, requests for letters of recommendation, & volunteer & shadowing experiences.	Gain valuable experience through work opportunities & prepare for professional school interviews.
Your Community	Join clubs & organizations with connections to your career expectations.	Attend departmental seminars to connect more fully with faculty & staff. Ask faculty about the Research Symposium to present your work.	Look for opportunities to mentor students as a CAS ambassador, First Year Success/STEM Academy Peer Mentor, or LASSO tutor.	Consider volunteer opportunities outside the university. Meet with Campus Life & the Student Volunteer Center to connect to the Stillwater community.
Your Career Readiness	Explore job opportunities within your career choice; understand qualifications, salary outlook, & projected job growth.	Look for complementary minors to boost skills & knowledge in your field. Search professional school information for prerequisite requirements.	Register with Career Services to learn about opportunities for interview practice, resume building, & job search strategies.	Meet with Career Services to prepare for professional school interviews. Explore job opportunities to take advantage of a gap year.
Your Personalized Path	Consider a 2nd Major or Minor in Physiology, Neuroscience, or Microbiology. Conduct research with faculty across campus.			

YOU WILL LEARN

To understand & connect diverse scientific information and be a well-rounded thinker. To work in hands-on laboratory environments. About subjects impactful to veterinary medicine such as physiology, parasitology, toxicology, & disease biology.

WHAT IS NEXT

Work in biotechnology, animal health & pharmaceuticals, environmental health.

Enter veterinary school. You will be prepared for medical school or graduate school in human & animal health sciences.

Learn more about building your custom path, visit:
integrativebiology.okstate.edu

