



**Department of Agriculture
College of Business & Technology**

Pre-Veterinary Medicine

Pre-Veterinary Medicine at EKU

The Pre-Veterinary Program at Eastern Kentucky University is administered by the Department of Agriculture. Although Kentucky does not have a veterinary school, the state has 34 positions in the College of Veterinary Medicine at Auburn University and two positions at Tuskegee University. Each respective school is in charge of selecting students into their program. EKU has one of the highest acceptance rates in Kentucky. The pre-veterinary program is also designed to assist students meet the entrance requirements to veterinary schools throughout the United States. Students may meet these requirements in as little as three years. After completion of the first year of veterinary school students can transfer their course work back to receive a BS degree from Eastern.

Opportunities in Pre-Veterinary Medicine

Although most students pursue their career in the field of veterinary medicine, others continue graduate school in the animal science or biological science areas. Still others find rewarding career opportunities in biotechnology, pharmaceutical sales, and other related fields.

Philosophy

The Department of Agriculture blends scientific theory with practical application and hands-on experiences. Current concepts and theories are presented in the classroom and then applied in the laboratory with the faculty member as the laboratory supervisor using a hands-on approach. Practicum classes at the University enterprises and through cooperative education are further utilized to reinforce the practical application of scientific theory. Professors are experienced, enthusiastic, and passionate about providing students the skills necessary to succeed in the ever-changing 21st Century environment.

Department Facilities & Student Organizations

Eastern Kentucky University's Meadowbrook farm complex is a 720-acre laboratory which supports our instructional and practicum "hands on" learning program. Located eight miles from campus, the farm gives students an opportunity to experience practical modern beef, dairy, sheep, swine, and crop enterprises. Modern facilities at the Carter Building include an animal science, biotechnology, and computer laboratory. The Department of Agriculture supports the Pre-Vet Club and several student organizations that provide opportunities for extracurricular learning/fun experiences.

Suggested First Semester/First Year

BTO 100	Academic Orientation	1
AGR 125	Animal Science	3
AGR 126	Animal Science Lab	1
CHE 111	Chemistry	3
CHE 115	Chemistry Lab	1
ENG 101	English Composition	3
MAT 107	College Algebra	3
Total Hours:		15

For More Information

Office of Admissions
SSB CPO 54
Eastern Kentucky University
521 Lancaster Avenue
Richmond, KY 40475-3102
800-465-9191
859-622-2106
www.eku.edu

Department of Agriculture
A.B. Carter Building
Eastern Kentucky University
521 Lancaster Avenue
Richmond, KY 40475-3102
859-622-2228
www.agriculture.eku.edu



University requirements for: **Pre-Veterinary Medicine**

Requirements at Auburn for Students without a Bachelors Degree

University Requirement

BTO 100 (Academic Orientation).

General Education Requirements

Principles of Animal Science with Lab, Feeds & Feeding with Lab, Animal Nutrition, General Zoology, Organic Chemistry with Lab, Courses selected from Communication, Mathematics, Arts and Humanities, Natural Sciences, Social & Behavioral Sciences, Wellness, and Breadth & Depth of Knowledge. Some specific general education courses may be required by different veterinary schools.

College Requirement: Professional Skills Seminar

BTS 300 (Juniors) and BTS 400 (Seniors)

Pre-Veterinary Requirements at Auburn University

(Students who will enter with a B.S. Degree)

AGR 421	Animal Nutrition (3)
AGR 372A	Nutrition Lab (1)
BIO 121	Principles of Biology (4)
BIO 141	General Zoology (4)
CHE 111/115	General Chemistry I w/Lab (4)
CHE 112/116	General Chemistry II w/Lab (4)
CHE 361/366	Organic Chemistry I w/Lab (4)
CHE 362/367	Organic Chemistry II w/Lab (4)
PHY 131	College Physics I (5)
PHY 132	College Physics II (5)

Plus six hours of science electives

Suggested science electives:

AGR 321	Feeds and Feeding (4)
AGR 373	Animal Diseases (3)
AGR 374	Genetics of Livestock Improvement (3)
AGR 375	Reproduction (3)
AGR 376	Anatomy & Physiology (3)
BIO 315	Genetics (4)
BIO 320	Microbiology (4)
BIO 348	Animal Physiology (4)

Total Curriculum Requirements (83-85 hrs)

EASTERN KENTUCKY UNIVERSITY

As you consider where you'll pursue your studies, Eastern Kentucky University encourages you to ask yourself, "What do I want to do with my life?" and "Who can help me reach that destination?"

Before we tell you about ECU, let's focus on your needs. What are you looking for in a college or university?

- Renowned, accessible professors; low student/faculty ratio
- State-of-the-art facilities
- Extensive curriculum
- Wide network of campus organizations
- Affordable cost
- Inviting campus

Achieving your goals depends on the quality of the faculty and curriculum at the school you choose to attend. Every college and university touts facilities, but few can match the accolades of our faculty. At ECU you'll reach beyond the borders of classroom discussion to hands-on experience and networking opportunities with experts in the field.

ECU graduates are world leaders in areas as diverse as international business and homeland security; local, state and national government; as well as drama and law. Campus facilities, such as the Studio for Academic Creativity, which is designed to enhance research, writing, and presentation skills, and our new state-of-the-art science building, ensure our students of exposure to technologies vital to real world success.

We hope you'll see that from our view there no limitations, just possibilities.

- A comprehensive, public university serving more than 16,000 students.
- Undergraduate and graduate excellence through 168 associate, baccalaureate, master's, specialist and cooperative doctoral programs.
- Quality and diversity in faculty and staff.
- Student/professor ratio of 17:1.
- 66-acre main campus in Richmond, regional campuses in Corbin, Danville, Lancaster and Manchester, and higher education centers throughout the Commonwealth.

Eastern Kentucky University is an Equal Opportunity/Affirmative Action employer and educational institution and does not discriminate on the basis of age, race, color, religion, sex, sexual orientation, disability, national origin, or Vietnam era or other veteran status, in the admission to, or participation in, any education program or activity which it conducts, or in any employment policy or practice. Any complaint arising by reason of alleged discrimination should be directed to the Equal Opportunity Office, Eastern Kentucky University, Jones Building, Room 409, Coates CPO 37A, Richmond, Kentucky 40475-3102, (859) 622-8020 (V/TDD), or the Director of the Office for Civil Rights, U.S. Department of Education, Philadelphia, PA.