

Pre-Veterinary Medicine

College of
Agriculture

Pre-Veterinary Medicine Study

Students interested in becoming veterinarians may enroll in the College of Agriculture at the University of Kentucky and complete their requirements for admission to veterinary school.

Although the Commonwealth of Kentucky does not have a school of veterinary medicine, it is a participating member of the Southern Regional Education Board plan, under which legal Kentucky residents may attend the Auburn University School of Veterinary Medicine. Each year 34 students are chosen from Kentucky to enter the Auburn program.

There is also a plan whereby two legal Kentucky residents may be accepted by the Tuskegee University School of Veterinary Medicine each year.

Under both of the above programs the students selected are exempt from the out-of-state tuition that would normally apply to a Kentucky resident. Admission is on a competitive basis with the final selection being made by a committee from each of the veterinary schools.

Pre-veterinary studies is not a degree program, but a pre-professional curriculum. It is strongly recommended that all pre-veterinary students choose a degree goal early in their college career. Although it is possible to complete pre-vet requirements in three years, the majority of students accepted to Auburn have a B.S. or B.A. degree.

An overall grade-point average of 2.50 (on a 4.0 basis) is required prior to consideration for admission to Auburn; 2.70 is required for Tuskegee. Due to the high level of competition for admission to any veterinary school, a student should maintain at least a 3.0 academic standing on all college work. The average overall GPA for students accepted to veterinary schools is approximately 3.45. The student must have completed all of the required courses by June 15 of the year of possible acceptance. Courses in certain advanced sciences must be taken within six years of entry to Auburn. All required courses must have a grade of "C" or greater.

Auburn applicants use the Veterinary Medical College Application Service (VMCAS) application, available at: www.vmcas.org. The deadline for Auburn applications is October 1. Auburn requires the General Aptitude portion of the Graduate Record Examination (GRE). Tuskegee requires a separate application form and the GRE, taken within three years of application. Additional forms are required for both schools; forms are available from Dr. Dwyer after June 1.

The following curriculum is designed to meet the requirements for both Auburn and Tuskegee. However, some changes in the pre-veterinary curriculum may go into effect during the school year. *The student has the responsibility to work closely with his or her pre-veterinary advisor in making certain that all requirements are met for consideration for acceptance.*

All CLEP and advanced placement credit for required courses must have prior approval by Dr. Dwyer. Auburn does not accept correspondence credit for required courses, except for Animal Nutrition.

| Pre-Veterinary Curriculum | Hours |
|---|--------|
| UK Written Communication requirement* | 6-7 |
| Literature (e.g. ENG 334)** | 3 or 6 |
| Fine Arts (e.g. MUS 100)** | 3 |
| Humanities/Fine Arts electives** | 6 |
| History (e.g. HIS 108/109)** | 3 or 6 |
| Social sciences electives** | 9 |
| MA 123 Elementary Calculus and Its Applications | 3 |

OR
MA 113 Calculus I 4

The above courses are waived for students with a B.S. or B.A. degree.

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|---|---|
| BIO 150/152 Principles of Biology I and II | 6 |
| BIO 151/153 Principles of Biology Laboratory I and II | 4 |
| CHE 105 General College Chemistry I | 3 |
| CHE 107 General College Chemistry II | 3 |
| CHE 111 Laboratory to Accompany General Chemistry I | 1 |
| CHE 113 Laboratory to Accompany General Chemistry II | 2 |
| CHE 230 Organic Chemistry I | 3 |
| CHE 231 Organic Chemistry Laboratory I | 2 |
| CHE 232 Organic Chemistry II | 3 |
| CHE 233 Organic Chemistry Laboratory II | 2 |
| PHY 211 General Physics | 5 |
| PHY 213 General Physics | 5 |
| BCH 401G Fundamentals of Biochemistry | 3 |
| ASC 378 Animal Nutrition and Feeding | 4 |

or
ASC 380 Feeds and Feeding 3
Science Electives*** 6
Tuskegee requires ASC 378, BCH 401G (Biochemistry), 6 hours of math, and ASC 101 and ASC 102.

**HON 101/102 can be used.*

***Students should contact a UK pre-veterinary advisor regarding alternative courses.*

****Science electives must be two of the following courses: BIO 304, BIO 350 or ASC 325, BIO 308, BIO 315, BIO 542, ASC 364, BIO 561 or BIO 563, BIO 529, Comparative Anatomy (not taught at UK).*

Auburn strongly urges students to take organic chemistry and physics courses at a four-year university or college.

All pre-veterinary students who enter veterinary school without obtaining an Animal Science degree and petition UK for one later must fulfill the departmental requirements for an Animal Science degree. In order to be eligible for the B.S. in Animal Sciences, students must have completed all UK Core courses, all college requirements and all of the required core courses and production courses required in the Animal Sciences degree program.

Direct further inquiries to:

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The University of Kentucky is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate, masters, doctorate, and professional degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of the University of Kentucky.