

Pre-Veterinary Medicine

College of Agriculture,
Food and Environment

Pre-Veterinary Medicine (Non-Degree)

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. Most students completing a science-based degree program can complete pre-vet requirements at the same time. Pre-veterinary advising is available for any UK student.

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 38 qualified Kentucky 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 College of Veterinary Medicine each year.

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 veterinary school 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 3.50. All required courses must have a grade of C or greater.

Most US veterinary schools use the Veterinary Medical College Application Service (VMCAS) application.

The following is a list of courses for Auburn College of Veterinary Medicine requirements. 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 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.

Auburn's Pre-Veterinary Curriculum

| | Hours |
|--|--------|
| Written Composition* | 6 |
| Literature (e.g. ENG 251)** | 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 or MA 113 Calculus I | 4 |

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

| | |
|--|---|
| BIO 148 Introductory Biology I | 3 |
| BIO 152 Principles of Biology II | 3 |
| Biology Laboratory I and II*** | 2 |
| BIO 315 Introduction to Cell Biology | 4 |
| CHE 105 General College Chemistry I | 4 |
| 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 | 1 |
| CHE 232 Organic Chemistry II | 3 |
| CHE 233 Organic Chemistry Laboratory II | 1 |
| PHY 211 General Physics | 5 |
| BCH 401G Fundamentals of Biochemistry | 3 |
| ASC 378 Animal Nutrition and Feeding | 4 |
| Science Electives**** | 6 |

*Consult advisor.

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

***Check with pre-veterinary advisor for approved courses.

****Science electives must be two of the following courses: BIO 304, BIO 350 or ASC 325, BIO 308, BIO 542, ASC 364, BIO 561 or BIO 563, BIO 529, PHY 213.

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

Tuskegee's Pre-Veterinary Curriculum

| | Hours |
|---|-------|
| Organic Chemistry w/Lab | 4 |
| Biochemistry w/Lab | 4 |
| Physics w/Lab | 8 |
| Advanced Biology (300 level or above) | 9 |
| ASC 101 Domestic Animal Biology | 3 |
| ASC 378 Animal Nutrition and Feeding | 4 |
| Mathematics | 6 |
| English | 6 |
| Social Sciences/Humanities | 6 |
| Liberal Arts | 6 |
| Advanced Biology Electives | 8 |
| Medical Terminology | 1 |

Effective 2018, Tuskegee will require all prerequisites be successfully completed prior to application.

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 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.

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