

Veterinary Medicine

Pre-Professional Advising

(907) 474-6396

Veterinary medicine is concerned with two primary areas: the first is the diagnosis, prognosis, therapy and prevention of animal health problems; and the second is protection of the public from animal borne disease through food safety inspection and other methods. Veterinarians also work in the fields of research and education.

A professional program in veterinary medicine generally requires four years of graduate study. In the first three years, students gain a solid foundation through classroom instruction and laboratory work. The final year consists of clinical rotations. Specialization within veterinary medicine requires further study at the post-doctoral level.

Although a bachelor's degree is not required for admission into veterinary school, most entering students have completed a four-year undergraduate degree. Veterinary schools will consider applicants from all disciplines, but because specific course requirements vary among schools, students must be sure check the admission standards of the school they are interested in. In general, pre-veterinary students should include the following undergraduate courses: introductory chemistry (CHEM 105X, 106X), organic chemistry (CHEM 321, 322, 324), biochemistry (CHEM 451, 452), biology (BIOL 105X, 106X, 342,362, 418), mathematics (STAT 200), and physics (PHYS 103X, 104X).

Admission to veterinary school is based on the strength of the applicant's undergraduate academic record and test scores on either the Veterinary College Admissions Test (VCAT) or the Graduate Record Exam (GRE). Work experience in veterinary medicine is highly recommended.

Advising for students considering veterinary medicine as a career choice is available through the Academic Advising Center.

General University Requirements

All degrees (e.g. B.A., B.S., etc.) require additional courses. Refer to specific degree and program requirements.

COMMUNICATIONS (9)

Complete the following:

ENGL 111X (3) _____
 ENGL 211X OR 213X (3) _____
 COMM 131X OR 141X (3) _____

LIBRARY & INFORMATION SKILLS (0-1)

Complete the following:

LS 100X OR 101X (0-1) _____
 OR Successful completion of library skills competency test.

PERSPECTIVES ON THE HUMAN CONDITION (18)

Complete either the following six courses:

ANTH 100X OR SOC 100X (3) _____
 ECON/PS 100X (3) _____
 HIST 100X (3) _____
 ART/MUS/THR 200X, HUM 201X OR ANS 202X (3) _____
 ENGL/FL 200X (3) _____
 PHIL 322X, NRM 303X, COMM 300X,
 PS 300X OR JUST 300X (3) _____

OR Complete 12 cr from the above list PLUS two semester-length courses in a single non-English or Alaska Native language at the university level OR three semester-length courses (9 cr) in American Sign Language.

MATHEMATICS (3-4)

Complete 3-4 credits from the following:

MATH 107X (3) _____
 OR MATH 131X (except for BBA) (3) _____
 OR MATH 161X (3) _____
 MATH 200X (4) _____
 MATH 201X (4) _____
 MATH 202X (4) _____
 MATH 262X (4) _____
 MATH 272X (3) _____

NOTE: Additional 3 cr of math needed for degree requirements.

NATURAL SCIENCES (8)

Complete 8 credits from the following:

ATM 101X (4) _____
 BIOL 103X OR 104X (4) _____
 BIOL 105X-106X (8) _____
 BIOL 111X-112X (8) _____
 CHEM 100X (4) _____
 CHEM 103X-104X (8) _____
 CHEM 105X-106X (8) _____
 GEOG 205X (4) _____
 GEOS 100X OR 120X OR 125X (4) _____
 GEOS 101X-112X (8) _____
 MSL 111X (4) _____
 PHYS 102X OR 175X (4) _____
 PHYS 103X-104X (8) _____
 PHYS 211X-212X (8) _____
 PHYS 211X-213X (8) _____
 PHYS 212X-213X (8) _____