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 103X, 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) ___

**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) ___