

Veterinary Medicine

Pre-Professional Advising
(907) 474-6396

Veterinary medicine is concerned with two primary areas: the first is the diagnosis, prognosis, treatment 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 to 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), statistics (STAT 200X), 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 or the Graduate Record Examination. 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. See www.uaf.edu/advising/degree/preprof/vetmedicine.html for more information.

Baccalaureate Core Requirements

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

COMMUNICATION (9)

Complete the following:

ENGL 111X (3) _____
ENGL 190H may be substituted.

Complete one of the following:

ENGL 211X OR ENGL 213X (3) _____

Complete one of the following:

COMM 131X OR COMM 141X (3) _____

PERSPECTIVES ON THE HUMAN CONDITION (18)

Complete all of the following four courses:

ANTH 100X/SOC 100X (3) _____
ECON 100X OR PS 100X (3) _____
HIST 100X (3) _____
ENGL/FL 200X (3) _____

Complete one of the following three courses:

ART/MUS/THR 200X, HUM 201X OR ANS 202X (3) _____

Complete one of the following six courses:

BA 323X, COMM 300X, JUST 300X, NRM 303X,
PS 300X OR PHIL 322X (3) _____

OR complete 12 credits from the above courses PLUS

- two semester-length courses in a single Alaska Native language or other non-English language OR
- three semester-length courses (9 credits) in American Sign Language taken at the university level.

MATHEMATICS (3)

Complete one of the following:

MATH 103X, MATH 107X, MATH 161X OR STAT 200X (3-4) _____
** No credit may be earned for more than one of MATH 107X or 161X.*

OR complete one of the following:*

MATH 200X, MATH 201X, MATH 202X,
MATH 262X OR MATH 272X (4) _____
**Or any math course having one of these as a prerequisite*

NATURAL SCIENCES (8)

Complete any two (4-credit) courses:

ATM 101X (4) _____
BIOL 100X (4) _____
BIOL 103X (4) _____
BIOL 104X (4) _____
BIOL 105X (4) _____
BIOL 106X (4) _____
BIOL 111X (4) _____
BIOL 112X (4) _____
CHEM 100X (4) _____
CHEM 103X (4) _____
CHEM 104X (4) _____
CHEM 105X (4) _____
CHEM 106X (4) _____
GEOG 205X (4) _____
GEOS 100X (4) _____
GEOS 101X (4) _____
GEOS 112X (4) _____
GEOS 120X (4) _____
GEOS 125X (4) _____
MSL 111X (4) _____
PHYS 102X (4) _____
PHYS 103X (4) _____
PHYS 104X (4) _____
PHYS 115X (4) _____
PHYS 116X (4) _____
PHYS 175X (4) _____
PHYS 211X (4) _____
PHYS 212X (4) _____
PHYS 213X (4) _____

LIBRARY AND INFORMATION RESEARCH (0-1)

Successful completion of library skills competency test OR

LS 100X or 101X prior to junior standing (0-1) _____

UPPER-DIVISION WRITING AND ORAL COMMUNICATION (0)

Complete the following:

Two writing intensive courses designated (W) (0) _____
One oral communication intensive course designated (O) (0) _____
OR two oral communication intensive courses designated (O/2), at the upper-division level (see degree and/or major requirements) (0) _____

TOTAL CREDITS REQUIRED.....38-39