

# VETERINARY SCIENCE

College of Rural and Community Development  
Interior-Aleutians Campus 907-474-5439  
Chukchi Campus 907-442-3400  
[www.uaf.edu/drumbeats/veterinary-science/](http://www.uaf.edu/drumbeats/veterinary-science/)

## Certificate

Minimum Requirements for Certificate: 37 – 38 credits

Training in veterinary science and medicine provides a strong base for careers in farming, dog mushing, wildlife management, public health, tribal resource management, environmental health, veterinary technology and for additional education leading to a career as a veterinarian. Information and training for work with domestic small animals, domestic farm animals, reindeer, bison and muskox are incorporated into the program. Certificate graduates are prepared to continue on in learning tracks for veterinary technology, public health, wildlife management, veterinary medical illustration, veterinary medicine and other science-related fields.

## Certificate Program

1. Complete the general university requirements (page 93).
2. Complete the following certificate requirements:  
ENGL F111X—Introduction to Academic Writing .....3  
MATH F107X—Functions for Calculus\*\* (4)  
    or DEVM F105—Intermediate Algebra (3) .....3 – 4  
ANTH/SOC F100X—Individuals, Society, and Culture (3)  
    or ABUS F154—Human Relations (3) .....3
3. Complete the following program (major) requirements:\*  
CHEM F103X—Basic General Chemistry (4)  
    or CHEM F105X—General Chemistry\*\* (4) .....4  
BIOL F103—Biology and Society (4)  
    or BIOL F116X—Fundamentals of Biology II\*\* (4) .....4  
VTS F101—Introduction to Veterinary Science .....2  
VTS F110—Veterinary Medical Terminology .....3  
VTS F130—Animal Anatomy and Physiology for Veterinary  
Sciences .....4  
VTS F140—Basic Animal Husbandry for Veterinary  
Sciences .....3  
VTS F150—Basic Animal Nutrition and Feeding for  
Veterinary Sciences .....3  
VTS F160—Animal Diseases for Veterinary Sciences .....3  
VTS F199—Veterinary Science Practicum I .....2

4. Minimum credits required .....37 – 38

\* Students must earn a C grade (2.0) or better in each course.

\*\* Students should take the higher level courses if additional degrees will be sought.

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

## Certificate Requirements

### COMMUNICATION (2-3)

Complete one of the following:

ENGL F111X.....	(3)	_____
ABUS F170 .....	(3)	_____
ABUS F271 .....	(3)	_____
ENGL F211X.....	(3)	_____
ENGL F212 .....	(3)	_____
ENGL F213X.....	(3)	_____
COMM F131X.....	(3)	_____
COMM F141X.....	(3)	_____
DEVS F104.....	(1 – 3)	_____
DEVS F105 .....	(3)	_____

*Other program-approved discipline-based communication course or discipline-based courses with embedded communication content. (2 – 3)*

\* ENGL F212 does not fulfill the second half of the written communication requirement for the bachelor's degree.

### COMPUTATION (2-3)

Complete one of the following:

Any course at the F100-level or above in mathematical sciences (computer science, math or statistics).....	(3)	_____
ABUS F155 .....	(3)	_____
DEVM F105.....	(3)	_____
ECE F117 .....	(3)	_____
HLTH F116 .....	(3)	_____
HUMS F117.....	(3)	_____
PRT F155.....	(3)	_____
TTCH F131 .....	(3)	_____

*Other program-approved discipline-based computation course or discipline-based courses with embedded computation content. (2 – 3)*

### HUMAN RELATIONS (2-3)

Complete one of the following:

ANTH F100X/SOC F100X.....	(3)	_____
ABUS F154 .....	(3)	_____
ANL F287.....	(3)	_____
ECE F245 .....	(3)	_____
ED/PSY F245.....	(3)	_____
HLTH F106 .....	(3)	_____
HUMS F120.....	(3)	_____
RHS F110 .....	(1)	_____
AND RHS F115 .....	(2)	_____

*Other program-approved discipline-based human relations course or discipline-based courses with embedded human relations content. (2 – 3)*

**MAJOR SPECIALTY CREDITS (minimum)..... 21**

**Minimum credits for required certificate..... 30**

## Associate of Applied Science Requirements

### COMMUNICATION (9)

ENGL F111X.....	(3)	_____
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Complete one of the following:

ABUS F271 .....	(3)	_____
ENGL F211X.....	(3)	_____
ENGL F212 .....	(3)	_____
ENGL F213X.....	(3)	_____

\* ENGL F212 does not fulfill the second half of the written communication requirement for the bachelor's degree.

Complete one of the following:

COMM F131X.....	(3)	_____
COMM F141X.....	(3)	_____

### COMPUTATION (3)

Complete one of the following:

Any course at the F100-level or above in mathematical sciences (computer science, math or statistics).....	(3)	_____
ABUS F155 .....	(3)	_____
DEVM F105.....	(3)	_____
ECE F117 .....	(3)	_____
HLTH F116 .....	(3)	_____
HUMS F117.....	(3)	_____
PRT F155.....	(3)	_____
TTCH F131 .....	(3)	_____

*Other program-approved discipline-based computation course or discipline-based courses with embedded computation content. (3)*

### HUMAN RELATIONS (2-3)

Complete one of the following:

ANTH F100X/SOC F100X.....	(3)	_____
ABUS F154 .....	(3)	_____
ANL F287.....	(3)	_____
ECE F245 .....	(3)	_____
ED/PSY F245.....	(3)	_____
HLTH F106 .....	(3)	_____
HUMS F120.....	(3)	_____
RHS F110 .....	(1)	_____
AND RHS F115 .....	(2)	_____

*Other program-approved discipline-based human relations course or discipline-based courses with embedded human relations content. (3)*

**MAJOR SPECIALTY CREDITS (minimum)..... 30**

**Minimum credits required for degree ..... 60**



**UNIVERSITY OF ALASKA FAIRBANKS**

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