

### Veterinary Medicine —What is it?

Veterinary Medicine is a branch of medicine involving the diagnosis, treatment and prevention of illness and disease in animals to include household pets, livestock and wildlife.

**Areas of study in Veterinary Medicine:** Animal Anatomy and Physiology, Animal Pathology, Pharmacology and Toxicology, Epidemiology, Parasitology, Radiology, Reproductive Medicine, Surgery, Animal Behavior, Public Health, Professional Ethics, Clinical Practice and Management.

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### Where does my path start?

You will complete an Associate of Science-Transfer (AS-T) Track 1 at Shoreline.

Use the AS-T Track 1 **Degree Planning Guide** to understand the requirements for graduation.

A typical next step would be to complete a Bachelor's degree at a four-year school, then apply for Doctor of Veterinary Medicine (D.V.M.) programs. Not all Veterinary schools require a Bachelor degree, but very few students without a Bachelor's are selected for admission.

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### Where can I go for help?

#### Faculty Advisors

**Kira Wennstrom** 206-546-4578  
[kwennstrom@shoreline.edu](mailto:kwennstrom@shoreline.edu) Rm 2816

**Joyce Fagel** 206-546-6984  
[jfagel@shoreline.edu](mailto:jfagel@shoreline.edu) Rm 5229

#### For course info and entry codes, contact:

[biologyadvising@shoreline.edu](mailto:biologyadvising@shoreline.edu)  
[chemistryadvising@shoreline.edu](mailto:chemistryadvising@shoreline.edu)

#### General Academic Advising

FOSS (5000) Building, Rm. 5229  
206-546-4559  
[advising@shoreline.edu](mailto:advising@shoreline.edu)  
[www.shoreline.edu/advising](http://www.shoreline.edu/advising)

#### Career Planning

[www.shoreline.edu/job-career-services/](http://www.shoreline.edu/job-career-services/)

#### International Student Academic Advising

9000 Building, Rm. 9302  
206-546-4697  
[ieadvisors@shoreline.edu](mailto:ieadvisors@shoreline.edu)  
[www.shoreline.edu/international/advising/](http://www.shoreline.edu/international/advising/)

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### Where can I transfer for a Bachelor's degree?

The AS-T makes it possible for students to transfer to public and private colleges and universities in the U.S. with junior standing within a four-year Bachelor's degree program. The courses recommended to prepare for a Veterinary Medicine program align well with majors in chemistry, biochemistry, and biology; however, a science-related major is not required to apply to most Veterinary Medicine programs.

### Where can I study Veterinary Medicine?

The only school in Washington state that offers a Veterinary Medicine program is Washington State University - Pullman campus.

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### What can I do with a Degree in Doctor of Veterinary Medicine?

The majority of veterinarians work in a private medical practice treating household pets, while others extend their practice to farm animals, livestock and wild animals. Veterinarians develop the knowledge and skills to work in a variety of career fields to include: private practice, food and safety inspection, livestock inspection, public health, global health, research and development, and education. Veterinarians must be licensed by a state in order to practice.

**Potential employers include:** Private veterinary practice, Department of Agriculture, U.S. Food and Drug Administration and other government agencies, colleges and universities, public health clinics, and animal shelters. For more, please visit career information and resources at <http://www.shoreline.edu/counseling-services/career-counseling.aspx>

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## What courses should I take?\*

### I. GENERAL EDUCATION REQUIREMENTS | 20 Credits

ENGL &101  
 ENGL &102 or CMST &101  
 One course in Multicultural Understanding  
 Quantitative/Symbolic Reasoning (MATH &151)\*

\* Although the DVM program at WSU will accept MATH &141, &142 and &146 for admission, the AS-T degree and most baccalaureate science programs require MATH &151, &152 and &163 or 211.

### II. DISTRIBUTION REQUIREMENTS | 15 Credits

One course in Humanities  
 One course in Social Sciences  
 A third course in either Humanities or Social Sciences

### III. PRE-MAJOR PROGRAM I 59.5 - 67 Credits

Science	19.5 Credits	QTR	GR	CR
CHEM 171/181	Fall, Win, Spr			6.5
CHEM 172/182	Win, Spr, Sum			6.5
CHEM 173/183	Spr, Sum, Fall			6.5

Additional Math	10 Credits	QTR	GR	CR
MATH &152	Every quarter			5
MATH 211	Every quarter			5

#### Major Science Sequences

Select any **two** biology, chemistry, or physics sequences from the list below to complete the AS degree; DVM programs require all three sequences.

Biology			Algebra-Based Physics			Sequence 1	15 – 21 Credits	QTR	GR	CR
BIOL &211	Every Qtr	5 Cr.	PHYS &114	Fall	5 Cr.					
BIOL &212	Win, Spr	5 Cr.	PHYS &115	Win	5 Cr.					
BIOL &213	Spr, Sum	5 Cr.	PHYS &116	Spr	5 Cr.					
Calculus-based Physics			Chemistry			Sequence 2	15 – 21 Credits	QTR	GR	CR
PHYS &221	Fall, Win	5.5 Cr.	CHEM &241/271	Fall, Win	4/3 Cr.					
PHYS &222	Win, Spr, Sum	5.5 Cr.	CHEM &242/272	Win, Spr	4/3 Cr.					
PHYS &223	Spr, Fall	5.5 Cr.	CHEM &243/273	Spr	4/3 Cr.					

### More information about programs in Veterinary Medicine

D.V.M. programs require four years of study. Admission is competitive. While not all programs require a Bachelor's degree, most applicants have one. Students can complete most prerequisite courses at Shoreline, but must take upper division Genetics and additional biology courses at a baccalaureate institution. Recommended baccalaureate majors are: animal science, biology, chemistry, microbiology, wildlife or zoology; but any major is accepted as long as specific prerequisite courses are completed. The application process takes a full year and includes demonstration of veterinary experience, GRE exam scores and letters of recommendation.

For more information:

- American Association of Veterinary Medical Colleges: [www.aavmc.org](http://www.aavmc.org)

**Washington State University**—D.V.M. Doctor of Veterinary Medicine Contact info: Admission@vetmed.wsu.edu

WSU DVM admission requirements: MATH &141, &142, and &146 or 211; BIOL &211-&213, CHEM 171/181, 172/182, 173/ 183, CHEM &241/271, &242/272, PHYS &114, &115, Biochemistry and Genetics, plus 40 credits of general education courses. Animal volunteer and/or work experience is very important.

Biochemistry and Genetics are typically taken after transfer to a university. SCC Biochemistry, CHEM 255, 256 is accepted by WSU D.V.M. programs.

**\*\* This unofficial guide is intended to support you as you prepare for your major Please consult with an advisor and your chosen four-year school(s), as program and admissions requirements vary and may change without notice.**