

# PRE-VETERINARY MEDICINE OPTION

This option is offered within the following major(s):

- Biology - College of Science (<http://catalog.oregonstate.edu/college-departments/science/school-life-sciences/integrative-biology/biology-bs-hbs/>)

The Biology major Pre-Veterinary Medicine option is designed to meet OSU College of Veterinary Medicine prerequisites and other U.S. veterinary schools, but students should consult the requirements for specific schools before they apply because requirements can change. The Pre-Veterinary Medicine option couples the strong biological sciences background of the Biology major with core animal anatomy and physiology laboratories and animal-focused science electives. Dedicated professional advisors work with Pre-Veterinary Medicine option students to integrate animal handling and other essential professional experiences during their time at OSU.

## Option Code: 584

Options in the Biology major require 15 or fewer additional credits (one term) beyond the basic Biology major, and most students can complete the additional Pre-Veterinary Medicine option course work in four years. Completion of the Pre-Veterinary Medicine option requires a 3.0 cumulative GPA in major and option course work. Courses used to satisfy the Pre-Veterinary Medicine option requirements also satisfy the Physics\Computer Science and Quantitative Applications, Organismal Biology, Physiology, Writing Intensive Course and Experiential Learning or Integrative Biology Elective requirements in the Biology major. Several courses may also be used to satisfy areas of the Baccalaureate Core.

Students may not pursue either the Pre-Veterinary Medicine, Pre-Dentistry, Pre-Medicine or Physiology and Behavior options within the Biology major—no dual combinations of these options are permitted.

Students interested in private practice should also consider taking BA 215 or BA 260.

For further information, see MyDegrees or the Integrative Biology website (<http://ib.oregonstate.edu>).

Code	Title	Credits
<b>Core</b>		
VMB 110	PREVETERINARY MEDICINE	1
PHL 205	*ETHICS	4
or PHL 444/REL 444	*BIOMEDICAL ETHICS	
BI 319	*THEORY, PRACTICE AND DISCOURSE IN THE LIFE SCIENCES	3
PH 201 & PH 202 & PH 203	*GENERAL PHYSICS and *GENERAL PHYSICS and *GENERAL PHYSICS	15
Z 350	ANIMAL BEHAVIOR	3
Z 422	COMPARATIVE/FUNCTIONAL VERTEBRATE ANATOMY	5
Z 431	VERTEBRATE PHYSIOLOGY I	4
Z 432 & Z 442	VERTEBRATE PHYSIOLOGY II and VERTEBRATE PHYSIOLOGY LABORATORY	5
<b>Experiential Learning or Science Elective Courses</b>		
Select both tracks or two courses from Track II:		3-5
<b>Track I Experiential Learning Credits</b>		
Select any combination of 3 credits from the following:		

BI 309	TEACHING PRACTICUM (by approval)
BI 401	RESEARCH AND SCHOLARSHIP (by approval)
BI 409	ADVANCED TEACHING PRACTICUM (by approval)
<i>Track II Science Elective Courses</i>	
ANS 311	PRINCIPLES OF ANIMAL NUTRITION
BHS 415/VMB 415	ONE HEALTH IN PRACTICE
BI 485	MONSTER BIOLOGY
BI 495	DISEASE ECOLOGY
FW 427	PRINCIPLES OF WILDLIFE DISEASES
MB 480	GENERAL PARASITOLOGY
TOX 411	FUNDAMENTALS OF TOXICOLOGY
Z 371	VERTEBRATE BIOLOGY (Z 372 recommended)
Z 425	EMBRYOLOGY AND DEVELOPMENT
Z 437	
Z 438	BEHAVIORAL NEUROBIOLOGY
Z 473	HERPETOLOGY
Total Credits	43-45

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Baccalaureate Core Course (BCC)

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Writing Intensive Course (WIC)

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