

**BACHELOR OF SCIENCE – ZOOLOGY  
PREVET AND ANIMAL CARE OPTION**

A B.S. degree from Washington State University requires a minimum of 120 total semester hours. At least 40 semester hours must be upper division coursework. A B.S. degree in Zoology requires a minimum 40 semester hours of biological science coursework. Two courses must satisfy the "Writing in the Major" [M] requirement. An overall GPA of at least 2.0 must be maintained in all college and departmental requirements.

**Core Requirements:**

			<u>Grade</u>
<b><u>Biological Science Core Requirements:</u></b>			
BIOL 106	General Biology	4 hrs.	_____
BIOL 107	General Biology	4 hrs.	_____
BIOL 301	General Genetics	4 hrs.	_____
BIOL 372 [M]	General Ecology	4 hrs.	_____
BIOL 405	Prin. Org. Evolution	3 hrs.	_____

**Calculus Requirement:**

MATH 140	Math Life Science OR		
MATH 171	Calculus	4 hrs.	_____

**Statistics Requirement:**

STAT 212	Intro Stats OR		
STAT 412	Biometry OR		
PSYCH 311	Elem Stats	3-4 hrs.	_____

**Chemistry Requirements:**

CHEM 105*	Chemistry I	4 hrs.	_____
CHEM 106*	Chemistry II	4 hrs.	_____
CHEM 345	Organic I	4 hrs.	_____

**Physics Requirements:**

PHYS 101 OR 201	Physics	4 hrs.	_____
PHYS 102 OR 202	Physics	4 hrs.	_____

**Prevet and Animal Care Option Requirements:**

**Anatomy / Development Requirement:**

*Two of the following:*

BIOL 321	Prin Animal Develop	4 hrs.	_____
BIOL 322	Invertebrate Biology	4 hrs.	_____
BIOL 324	Comp Vert Anatomy	4 hrs.	_____

**Physiology / Cell Biology Requirement:**

*One of the following:*

BIOL 350	Comparative Phys	4 hrs.	_____
BIOL 353	Mammalian Phys	4 hrs.	_____

**Suggested Electives:**

A minimum of 12 credits of Biological Science chosen in consultation with an advisor. Suggested electives are listed below.

BIOL 352	Cell Physiology	3 hrs.	_____
BIOL 393 [M]	Seminar	2 hrs.	_____
BIOL 410	Marine Ecology	3 hrs.	_____
BIOL 412	Biol & Mgt of Fishes	3 hrs.	_____
BIOL 418 [M]	Parasitology	4 hrs.	_____
BIOL 423	Ornithology	4 hrs.	_____
BIOL 428	Mammalogy	4 hrs.	_____
BIOL 432 [M]	Biol Amph & Reptiles	4 hrs.	_____
BIOL 438 [M]	Animal Behavior	3 hrs.	_____
BIOL 447	Behavioral Ecology	3 hrs.	_____
BIOL 495	Internship	2-4 hrs.	_____
A S 314	Prin of Nutrition OR		
NATRS 431	Wildlife Nutrition	3 hrs.	_____
MBioS 305	Gen Microbiology &	3 hrs.	_____
MBioS 306	Gen Microbiology Lab	2 hrs.	_____
MBioS 303	Biochemistry**	4 hrs.	_____

\*\*Required for admittance to US Veterinary Colleges.

**GENERAL UNIVERSITY PLUS COLLEGE OF SCIENCES  
REQUIREMENTS:**

**Minimum Requirements**

_____	_____ World Civilization [A]	(6)
_____	_____ Communication [W, C]	(6)
_____	_____ Intercultural Studies [I, G, K]	(3)
_____	_____ Arts & Humanities [H, G]	(3)
_____	_____ Social Sciences [S, K]	(3)
_____	_____ Hum or Soc Sci Elect	(9)
_____	_____ Tier III [T]	(3)
_____	_____ Foreign Language - 1 yr. OR	
_____	_____ 2 yrs. H.S.	
_____	_____ UPPER DIVISION	(40)

**Writing Portfolio**

(<http://www.writingprogram.wsu.edu/units/writingassessment/midcollege/>). One of the above courses must also fulfill diversity [D] requirement.

\*Chemistry requires a grade of C or better to progress to the next level course.