

**BACHELOR OF SCIENCE – ZOOLOGY
ACCELERATED PRE-VETERINARY MEDICINE**

An undergraduate degree from Washington State University requires a minimum of 120 total semester hours. The University, College of Arts and Sciences, and School of Biological Sciences each have specific requirements for a degree; checklists for these requirements are provided on the second page of this sheet. Requirements and electives for the specific degree and option headlined above are listed below this paragraph. All official requirements for each student's specific degree are listed in the student's my.wsu.edu Academic Requirement Report. This sheet is only meant to serve as a guide.

CORE REQUIREMENTS:

Biological Sciences Requirements:

	Credits	Semester/Year	Grade
BIOLOGY 106 General Biology: Organismal	4		_____
BIOLOGY 107 General Biology: Cells & Genetics	4		_____
BIOLOGY 301 General Genetics	4		_____
BIOLOGY 370 [M] Ecology of Health & Disease <u>OR</u>			
BIOLOGY 372 [M] General Ecology	4		_____
BIOLOGY 395 Evolutionary Medicine <u>OR</u>			
BIOLOGY 403 Evolutionary Biology <u>OR</u>			
BIOLOGY 405 Prin. of Org. Evolution	3		_____

Calculus Requirement:

Math 140 Calculus for Life Scientists <u>OR</u>			
MATH 171 Calculus I	4		_____

Statistics Requirement:

STAT 212 Intro to Statistical Methods <u>OR</u>	4		_____
STAT 412 Stat Methods in Research <u>OR</u>	3		_____

Chemistry Requirement:

CHEM 105* Principles of Chemistry I	4		_____
CHEM 106* Principles of Chemistry II	4		_____
CHEM 345 Organic Chemistry I	4		_____
CHEM 370 Chemical Biology <u>OR</u>			
MBIOS 303 Introductory Biochemistry	3-4		_____

Physics Requirement:

PHYS 101* & 111* General Physics I and Lab <u>OR</u>			
PHYS 201* & 211* Physics for Sci. & Engineers I	4		_____
PHYS 102 & 112 General Physics II and Lab <u>OR</u>			
PHYS 202 & 212 Physics for Sci. & Engineers II	4		_____

Accelerated Pre-Veterinary Medicine Requirements:

Development Requirement:

BIOLOGY 321 [M] Principles of Animal Development <u>OR</u>			
BIOLOGY 322 [M] Invertebrate Biology	4		_____

First Year Vet Med Requirements:		Semester/Year	Credit	Grade
VET_MED 510 ¹	Veterinary Microscopic Anatomy		4	
VET_MED 511 ²	Veterinary Anatomy I		5	
VET_MED 512	Veterinary Anatomy II		4	
VET_MED 513 ¹	Veterinary Physiology I		4	
VET_MED 520 ³	Veterinary Physiology II		5	
VET_MED 521 ¹	Introduction to Veterinary Neurology		3	
VET_MED 534	Veterinary Immunology		3	
VET_MED 545	General Pathology		3	
VET_MED 568	Animal Handling and Orientation		2	
VET_MED 580	Basic Nutrition		1	
VET_MED 586	Principles of Surgery		1	

¹ Counts as Pre-Veterinary/Animal Care Program Option elective credits toward the Zoology degree.

² Counts as Anatomy option requirement toward the Zoology degree.

³ Counts as Physiology option requirement toward the Zoology degree.

Accelerated Pre-vet Option is designed to allow students to finish a BS in Zoology while beginning their Doctorate of Veterinary Medicine at WSU.

Biology core requirements and UCORE requirements should be completed in the first three years. In the fall of the third year, students apply to the WSU College of Veterinary Medicine following regular procedures. If accepted into the DVM program, courses taken during the fourth year at WSU Vet-Med complete the requirements for the BS in Zoology

UCORE and College of Arts and Sciences Requirements			
	Grade	Semester/ Year	Credits
[ROOT]	_____	Roots of Contemporary Issues	(3)
[COMM]	_____	Communication OR	(3)
[WRTG]	_____	Written Communication	(3)
[WRTG]	_____	Written Communication	(3)
[QUAN]	_____	Quantitative Reasoning	(3)
[SSCI]	_____	Inquiry in the Social Sciences	(3)
[HUM]	_____	Inquiry in the Humanities	(3)
[ARTS]	_____	Inquiry in the Arts	(3)
[BSCI]	_____	Inquiry in the Biological Sciences	(3)
[PSCI]	_____	Inquiry in the Physical Sciences	(3)
[]	_____	Inquiry into Equity and Justice	(3)
[DIVR]	_____	Diversity	(3)
[CAPS]	_____	Integrative Biology Capstone	(3)
[M]	_____	Writing in the Major (Biology)	(2-4)
[M]	_____	Writing in the Major (Biology)	(2-4)

Note: Three UCORE courses of 3 credits (9 credits total) may fulfill major requirements.

_____ Foreign Language 1 yr. or 2 yrs. HS (CAS)

_____ Upper Division 3xx-4xx (Minimum 40 credits)

_____ Minimum Total Credits (120)

_____ University Writing Portfolio

<https://writingprogram.wsu.edu/uwpsubmission/>

School of Biological Sciences Requirements

- A minimum of 120 total semester hours.
- at least 40 semester hours must be 300 and 400 level coursework.
- A minimum of 19 semester hours of core BIOLOGY courses (BIOLOGY 106; 107; 301; 370 or 372; and 395 or 403 or 405).
- An additional 21 semester hours of biological sciences coursework selected in consultation with your biology advisor. The 21 semester hours must include 15 credits of 300 and 400 level courses, six of which must be BIOLOGY taken in residence at WSU. See guidelines for the many BIOLOGY options that are available to structure your course selections.
- An overall GPA of at least 2.0 must be maintained in all college and departmental requirements.
- A maximum of four credits of coursework that are graded S,F may be used toward fulfilling School requirements or program options, and no other courses taken S,F can be applied toward fulfilling School requirements or program options.
- Two BIOLOGY courses to satisfy the "Writing in the Major" [M] requirement.
- One BIOLOGY course to satisfy the "Capstone" [CAPS] requirement.