

**BACHELOR OF SCIENCE – ZOOLOGY
PRE-MEDICINE / PRE-DENTISTRY 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>Biological Science Core Requirements:</u>			<u>Grade</u>
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.	_____

Pre-Medical / Pre-Dental Option Requirements:

Additional Chemistry Requirements:

CHEM 346*	Organic II	3 hrs.	_____
CHEM 348*	Problem Solving	1 hr.	_____

Microbiology / Invertebrate Biology Requirement:

Two of the following:

MBioS 305**	Microbiology &	3 hrs.	_____
MBioS 306	Microbiology Lab	2 hrs.	_____
BIOL 322	Invertebrate Biology	4 hrs.	_____
BIOL 418 [M]	Parasitology	4 hrs.	_____

Anatomy /Development Requirement:

Two of the following:

BIOL 315	Human Anatomy	4 hrs.	_____
BIOL 321	Prin Animal Dev	4 hrs.	_____
BIOL 324	Comp Vert Anatomy	4 hrs.	_____

Biochemistry Requirement:

MBioS 303	Biochemistry	4 hrs.	_____
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Physiology Requirements:

One set from the following:

MBioS 401	Intro Cell Biol &		
BIOL 353	Mammalian Phys OR	7 hrs.	_____
BIOL 352	Cell Phys &		
BIOL 353	Mammalian Phys	7 hrs.	_____

Pre-Med/Pre-Dent Option Electives (optional courses):

BIOL 322	Invertebrate Biology	4 hrs.	_____
BIOL 394	Medicine As A Career	1 hrs.	_____
BIOL 418 [M]	Parasitology	4 hrs.	_____
BIOL 393 [M]	Seminar	2 hrs.	_____
BIOL 495	Internship	1-4 hrs.	_____
PHIL 365	Biomedical Ethics	3 hrs.	_____

Please consult with your advisor for additional biological science electives.

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.

**Required for admission to U of W Dental School.