

Zoology - Pre-Medical/Pre-Dental option

Course	Name	Credits	Semester/Notes
SBS CORE REQUIREMENTS			
BIOLOGY 106	Intro Biology: Organisms	4	
BIOLOGY 107	Intro Biology: Cell Biol & Genetics	4	
BIOLOGY 301	General Genetics	4	
BIOLOGY 370[M] F or BIOLOGY 372[M] F & SP	Ecology of Health & Disease General Ecology	4	
BIOLOGY 395 F or BIOLOGY 405 SP	Evolutionary Biology Prin. Organic Evolution	3	
Chemistry			
CHEM 105 *Math 106 co-req	Chemistry I	4	
CHEM 106	Chemistry II	4	
CHEM 345	Organic Chemistry I	4	
Math & Stats			
Math 140 or Math 171	Calculus for Life Scientists Calculus I	4	
STATS 212 or STATS 412 or PSYCH 311	Intro to Statistical Methods Statistical Methods in Research I Statistical Methods in Psychology	3-4	
Physics			
PHYS 101 & 111 or PHYS 201 & 211	General Physics I & Lab Physics for Scientists and Engineers I	4	
PHYS 102 & 112 or PHYS 202 & 212	General Physics II & Lab Physics for Scientists and Engineers II	4	
ANTOMY /DEVELOPMENT REQUIREMENT <i>select two</i>			
BIOL 315 F & SP BIOL 321[M] Spring only BIOL 324 Spring only	Gross & Microanatomy Principles of Animal Development Comparative Vertebrate Anatomy	4	
ADDITIONAL CHEMISTRY & BIOCHEMISTRY REQUIREMENTS			
CHEM 348	Organic Chemistry II	4	
CHEM 370 or MBIOS 303	Chemical Biology Biochemistry	3-4	
PHYSIOLOGY REQUIREMENT <i>select one set</i>			
BIOL 352 and BIOL 353 SP	Cells Advanced Human Physiology	7	
MBIOS 401 and BIOL 353 SP	Cell Biology Advanced Human Physiology	7	
BIOLOGY CAPSTONE CAPS [M]			
BIOL 401 or 473 or 483 F & SP or BIOL 408 SP only Global		3	
PRE MED/DENTAL ELECTIVES <i>chosen in consultation with an advisor</i>			
21 hours of Biological Sciences Electives 200-400	must include 15 credits of 300 or 400 level	6 of which must be taken in residence at WSU	
Anatomy 4	Anatomy 4		
Anatomy 4	Anatomy 4		
Physiology 4	Physiology 4		
Cells 3	Cells 3		
CAPS [M] 3	CAPS [M] 3		
TWO WRITING IN THE MAJOR			

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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 BIOL 106; 107; 301. BIOL 370 or 372; and BIOL 395 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.

UCORE and College of Arts and Sciences Requirements

	Grade	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)
[EQJS]	_____	Inquiry in 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)
- _____ Junior Writing Portfolio

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