

Biology - General Option

Course	Name	Credits	Semester/Notes
SBS CORE REQUIREMENTS			
BIOLOGY 106	Intro Biology: Organisms	4	
BIOLOGY 107	Intro Biology: Cell & Genetics	4	
BIOLOGY 301	General Genetics	4	
Writing in the Major BIOLOGY 370[M] F <u>or</u> BIOLOGY 372[M] F & SP	Ecology of Health & Disease General Ecology	4	
BIOLOGY 395 F <u>or</u> 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 <u>or</u> MATH 171	Calculus for Life Scientists Calculus I	4	
STATS 212 <u>or</u> STATS 412 <u>or</u> PSYCH 311	Intro to Statistical Methods Statistical Methods in Research I Statistical Methods in Psychology	3-4	
Physics			
PHYS 101 & 111 <u>or</u> PHYS 201 & 211	General Physics I & Lab Physics for Scientists and Engineers I	4	
PHYS 102 & 112 <u>or</u> PHYS 202 & 212	General Physics II & Lab Physics for Scientists and Engineers II	4	
BIOCHEMISTRY REQUIREMENT			
CHEM 370 <u>or</u> MBIOS 303	Chemical Biology Intro to Biochemistry	3-4	
BIOLOGY CAPSTONE CAPS			
BIOL 401 <u>or</u> 473 <u>or</u> 483 F & SP <u>or</u> BIOL 408 SP only Global		3	
BIOLOGY REQUIREMENT			
BIOLOGY 352 or MBIOS 401	Cells	3	
21 hours of Biological option or electives (200-400)	must include 15 credits of 300 & 400 level	6 of which must be taken in residence at WSU	
Biochem:	Biochem:		
CAPS: 3	CAPS 3		
Cells: 3	Cells 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 Social 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/>

NOTE: Biochemistry (MBIOS 303 or CHEM 370) is required for admittance to US Veterinary School; counts as a BIOL elective. Other discipline courses on a case-by-case basis (must be related to Zoology degree).