

BACHELOR OF SCIENCE – BIOLOGY

Basic Medical Sciences Plan A

A Bachelor of Science 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. in Biology requires a minimum of 12 semester hours of core BIOLOGY courses (BIOLOGY 106, 107 and 301). An additional 8 semester credits of listed electives selected in consultation with your biology advisor is required. 15 semester hours of upper division credits must be included, 6 of which must be taken in residence at WSU. An overall GPA of at least 2.0 must be maintained in all college and departmental requirements. Two courses must satisfy the "Writing in the Major" [M] requirement, one of which may be English 402 (only applies to Basic Medical Science Plan A).**

Core Requirements:

<u>Biological Science Core Requirements:</u>			<u>Grade</u>
BIOLOGY 106	General Biology	4 hrs.	_____
BIOLOGY 107	General Biology	4 hrs.	_____
BIOLOGY 301	General Genetics	4 hrs.	_____

Calculus Requirement:

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

Chemistry Requirements:

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

Basic Medical Sciences Plan A Option Requirements:

Additional Chemistry Requirements:

CHEM 348	Organic II	4 hrs.	_____
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Biochemistry Requirements:

MBIOS 303	Intro Biochemistry	4 hrs.	_____
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Ethics Requirements:

PHIL 365	Biomedical Ethics	3 hrs.	_____
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Electives: 8 credits required

BIOLOGY 315, 321[M], 324, 350, 352, 353, 393[M], 405, 418;
 MBIOS 304, 305, 401, 413, 414, 423, 440, 442, 446;
 NEUROSCI 301, 403[M], 404, and 430[M].

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

****All official requirements for each student's specific degree are listed in the my.wsu.edu academic requirements report. This sheet is meant to serve as a guide. Effective for the 2018-2019 av**

<u>UCORE REQUIREMENTS (Including CAS additional req.):</u>		
[ROOT]	___ Roots of Contemporary Issues	(3)
[COMM]	___ Communication OR	
[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 Creative & Professional Arts	(3)
[BSCI][PSCI][SCI]		
	___ Inquiry in the Nat. Sciences	(7)
[]	___ Inquiry in SS, Hum or Arts (CAS)	(3)
[DIVR]	___ Diversity	(3)
[CAPS]	___ Integrative Capstone (Biology Prefix)	(3)
[M]	___ Writing in the major (2 courses)	
Note: three, 3 credit (9 total credits) UCORE courses may fulfill major requirements.		
	___ Foreign Language - 1 yr. OR 2 yrs. H.S.	
	___ Upper division (Minimum 40 credits)	
	___ Minimum Total Credits (120)	
	___ Junior Writing Portfolio	
http://universitycollege.wsu.edu/units/writingprogram/units/writingassessment/juniorwritingportfolio/guidelines/index.html		