

BACHELOR OF SCIENCE – BIOLOGY ENTOMOLOGY OPTION

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 19 semester hours of core BIOLOGY courses (BIOLOGY 106, 107, 301, 372 and 405 or 403). An additional 21 semester hours of biological sciences coursework selected in consultation with your biology advisor is required. The 21 semester hours must include 15 upper division credits, six of which must be BIOLOGY 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.**

Core Requirements:

<u>Biological Science Core Requirements:</u>			<u>Grade</u>
BIOLOGY 106	Gen Biology	4 hrs.	_____
BIOLOGY 107	Gen Biology	4 hrs.	_____
BIOLOGY 301	General Genetics	4 hrs.	_____
BIOLOGY 372	Gen Ecology	4 hrs.	_____
BIOLOGY 405	Prin Org Evolution OR		
BIOLOGY 403	Evolutionary Biol	3 hrs.	_____

Animal emphasis:

BIOLOGY 322 [M]	Invertebrate Biol OR	4 hrs	_____
BIOLOGY 350	Comp Physiol OR	4 hrs	_____
BIOLOGY 418	Parasitology	4 hrs	_____

Entomology emphasis:

ENTOM 343 [M]	General Entom	3 hrs.	_____
Upper division Entomology		6 hrs	_____

Calculus Requirement:

<u>Calculus Requirement:</u>			<u>Grade</u>
MATH 140	Math Life Science OR		
MATH 171	Calculus	4 hrs.	_____

Statistics Requirement:

STAT 212	Intro Stats OR	3-4 hrs.	_____
STAT 412	Stat Meth Res I OR		
PSYCH 311	Elem Stats		

Chemistry Requirement:

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

Physics Requirement:

Phys 101* OR 201*	General	4 hrs.	_____
Phys 102 OR 202	General	4 hrs.	_____

Entomology Option Requirements:

A minimum of 21 hours must be selected. At least one course must be taken from each of the Biochemistry, Plant, and Animal emphasis areas. ENTOM 343 and six additional hours of upper division ENTOM credit are required for the Entomology emphasis.

Additional electives in the School of Biological Sciences that are suitable for this option can be found at: <http://sbs.wsu.edu> Courses in other departments at WSU may also be suitable as electives and should be chosen in consultation with your advisor.

Biochemistry Emphasis:

CHEM 370	Chem Biology OR	3 hrs.	_____
MBIOS 303	Int Biochem	4 hrs.	_____

Plant Emphasis:

BIOLOGY 332[M]	System Botany OR	4 hrs.	_____
BIOLOGY 420	Plant Physiology	3 hrs	_____

UCORE REQUIREMENTS (Including CAS additional req.):

[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 Inquiry in the Nat. Sciences	(7)
[]	_____ Inquiry in SS, Hum or Arts (CAS)	(3)
[DIVR]	_____ Diversity	(3)
[CAPS]	_____ Integrative Capstone	(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/writingassessments/juniorwritingportfolio/guidelines/index.html>

*Chemistry and Physics require a grade of C or better to progress to the next level course.

**This sheet is meant to serve as a guide. Official requirements for each student's specific degree are listed in the MyWSU advisement report.