

Checklist for Biology Majors

NOTE: This is a tool to assist in determining major requirements and does not necessarily reflect all changes made in the past year. For the most up to date information, please check the Bulletin.

Name	_____	Degree	_____
Advisor	_____	Graduating Class	_____

A. Core Courses (BA+BS) ¹		Additional Core Courses (BS only)	
BIOL 14a	_____	PHYS 10a/11a/15a	_____
BIOL 15b	_____	PHYS 10b/11b/15b	_____
BIOL 16a	_____	PHYS 18a/19a	_____
BIOL 18b ²	_____	PHYS 18b/19b	_____
BIOL 18a or BIOL 12b,a ²	_____		
CHEM 11a/15a	_____		
CHEM 11b/15b	_____	If you have taken BIOL 12 a,b:	
CHEM 18a/19a	_____	BIOL 18b/152/159	_____
CHEM 18b/19b	_____		
CHEM 25a	_____		
CHEM 25b	_____		
CHEM 29a	_____		
CHEM 29b	_____		

B. Quantitative Courses (BA - Pick 1. BS - Pick 2.)			
BIOL 51a ³	_____	HSSP 100b	_____
BIOL 107a	_____	MATH 5a	_____
COSI (any course 10+)	_____	MATH (any course 10+)	_____
ECON 83a ³	_____	NBIO 136b	_____
ECON 181b	_____	NPHY 115a	_____
ECON 184b	_____	PSYC 51a ³	_____
ENVS 110a	_____	PSYC 148a	_____
		QBIO (any course)	_____

C. Biology Electives (BA - Pick 3. BS - Pick 4.)			
BIOL 17b	_____	QBIO (any course)	_____
BIOL (any course 23+, excluding 90-99)	_____	ENGR 12b	_____
ANTH 116a	_____	PHYS 105a	_____
BCHM 88b/100a (only one)	_____		
BIBC (any course)	_____	Research (2 semesters = 1 elective) ⁴	
CBIO (any course)	_____	BIOL 93a	_____
NBIO (any course)	_____	BIOL 99a	_____
		BIOL 99b	_____

D. General Science Electives (Pick 2)			
Or any course 10 or higher (excluding 90-99) from:		ENVS 19b	_____
BCHM	_____	ENVS 21b	_____
CHEM	_____	ENVS 42b	_____
COSI	_____	ENVS 50b	_____
EBIO	_____	ENVS 110a	_____
ENGR	_____	ENVS 122a	_____
MATH	_____	JOUR 130b	_____
PHYS	_____		
		Additional BIOL electives not already used	_____
		Lab course(s) not required as core ⁵	_____

E. Foundational Literacies (can overlap with other requirements)

Oral Communication

Writing Intensive

Digital Literacy

Any OC, WI, or DL-designated course approved for the major,

OR

any OC, WI, or DL-designated course from the
Division of Science

F. Footnotes

1. No individual course can count towards more than one requirement within the Biology major.
2. BIOL 18a,b is restricted to biology majors. If you begin in another major and switch to the biology major after taking the non-majors' biology laboratory series, BIOL 12b and 12a, you will need to add one more 4-credit biology lab course (such as BIOL 18b, 152 or 159) to complete the core laboratory requirement for the major.
3. Students matriculating after Fall 2020 cannot use more than one of BIOL 51a, ECON 83a, or PSYC 51a toward the major.
4. Candidates for BIOL 99 must petition the department before the first semester of their senior year and submit a thesis. Candidates for the Senior Honors Program must also orally defend a thesis.
5. 2-credit lab courses count as half of one elective. 4-credit labs count as a whole.

Last Updated: 4/28/2025