

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 (any course 10 or higher)	_____
COSI (any course 10 or higher)	_____	NBIO 136b	_____
ECON 83a ³	_____	NPHY 115a	_____
ECON 181b	_____	PSYC 51a ³	_____
ECON 184b	_____	PSYC 148a	_____
ENVS 110a	_____	QBIO (any course)	_____

C. Biology Electives (BA - Pick 3. BS - Pick 4.)			
BIOL 17b	_____	QBIO (any course)	_____
BIOL (any course 23 or higher, excluding 90-99)	_____	COSI 178a	_____
ANTH 116a	_____	ENGR 12b	_____
BCHM 88b/100a (only one)	_____	PHYS 105a	_____
BCHM 155b	_____	Research (2 semesters = 1 elective) ⁴	
BCHM 172a	_____	BIOL 93a	_____
BIBC (any course)	_____	BIOL 99a	_____
CBIO (any course)	_____	BIOL 99b	_____
NBIO (any course)	_____		

D. General Science Electives (Pick 2)			
ENGR 11a	_____	ENVS 19b	_____
ENGR 13a	_____	ENVS 21b	_____
ENGR 22b	_____	ENVS 42b	_____
JOUR 130b	_____	ENVS 110a	_____
		ENVS 122a	_____
Or any course 10 or higher (excluding 90-99) from:			
BCHM	_____	Additional BIOL electives not already used	_____
CHEM	_____	Lab course(s) not required as core ⁵	_____
COSI	_____		_____
EBIO	_____		_____
MATH	_____		
PHYS	_____		

E. Foundational Literacies (can overlap with other requirements)⁶

Oral	BIOL 18b/39b/53a/134b	_____
Writing	BIOL 18a/23a/26a; BIBC 126b	_____
Digital	BIOL 39b/51a/107a; COSI 10a/178a; CHEM 29A; ECON 83a/184b; HSSP 100b; PSYC 51a; NBIO 136b	_____

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 during the fall 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.
6. These are suggested courses. Any course approved for the Biology major with the Oral Communication, Writing Intensive, or Digital Literacy designations may be used.

Last Updated: 12/5/2024