

Thomas Harriot College of Arts and Sciences
B.S. in Biology: General Biology Concentration

Please note that this is a **recommended** sequence.

Check catalog for prerequisites. Course availability may vary from semester to semester.

FRESHMAN YEAR			
Fall Semester		Spring Semester	
BIOL 1100, 1101	4	BIOL 1200, 1201	4
CHEM 1150, 1151	4	CHEM 1160, 1161	4
ENGL 1100 (WI)	3	Humanities [#]	3
MATH 1065	3	MATH 2121	3
Social Sciences [#]	3		
	17		14

SOPHOMORE YEAR			
Fall Semester		Spring Semester	
BIOL 2300 (Genetics)	3	BIOL 3260 (Cell and Dev Biol)	3
CHEM 2750, 2753	4	CHEM 2760, 2763	4
ENGL 2201 (WI)	3	Fine Arts	3
MATH 2122	3	HLTH 1000	2
Social Sciences [#]	3	MATH 2228, 2283, BIOS 1500 or PSYC 2101	3
	16		15

JUNIOR YEAR			
Fall Semester		Spring Semester	
BIOL 2250 (Ecology)	3	BIOL 3620 (Evolutionary Biol)	3
BIOL Elective*	3	BIOL Elective*	3
ENGL 3820 (WI)	3	KINE 1000	1
Humanities [#] or Fine Arts	3	Social Sciences [#]	3
PHYS 1250, 1251	4	PHYS 1260, 1261	4
	16		14

SENIOR YEAR			
Fall Semester		Spring Semester	
BIOL 3030 (Princ of Physiology)	3	BIOL Elective w/ lab*	4
BIOL Elective*	3	BIOL Elective*	3
BIOL Elective*	3	Free Elective [#]	3
Additional Gen Ed Course	3	Free Elective [#]	3
Free Elective (WI) [#]	3		
	15		13

TOTAL HOURS			120
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Contact: BUG@ecu.edu

Confirmed by: GFC

Updated: May 2025

NOTES:

* Must complete 18 hours of Specified BIOL electives. Including at least one elective from the ecology/evolution courses; at least one elective from the molecular/cell concentration specific list, and at least one lab course, and 10-12 s.h. of BIOL electives with at least two at the 3000 or 4000 level. Consult undergraduate catalog and advisor when selecting these courses

[#] The Foundations of American Democracy requirements (FAD-1 and FAD2) should be fulfilled through the completion of one or two of the courses with the specific attributes.

Students interested in research or graduate school are encouraged to take BIOL 3504, BIOL 3550, and/or BIOL 4995 as BIOL electives or free electives.