

Thomas Harriot College of Arts and Sciences

B.S. in Biology: Ecology/Evolution 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	HLTH 1000	2
MATH 1065	3	MATH 2121	3
		Social Sciences [#]	3
	14		16
SOPHOMORE YEAR			
Fall Semester		Spring Semester	
BIOL 2250, 2251 (Ecology)	4	BIOL 3030 or 3260	3
BIOL 2300 (Genetics)	3	BIOL 3620 (Evolutionary Biol)	3
CHEM 2750, 2753	4	CHEM 2760, 2763	4
KINE 1000	1	ENGL 2201 (WI)	3
MATH 2122	3	Humanities [#]	3
	15		16
JUNIOR YEAR			
Fall Semester		Spring Semester	
BIOL Elective*	3	BIOL Elective*	3
Fine Arts	3	ENGL 3820 (WI)	3
MATH 2228, 2283, BIOS 1500, or PSYC 2101	3	Humanities [#] or Fine Arts	3
PHYS 1250, 1251	4	PHYS 1260, 1261	4
Social Sciences [#]	3	Social Sciences [#]	3
	16		16
SENIOR YEAR			
Fall Semester		Spring Semester	
BIOL Elective*	4	BIOL Elective*	4
BIOL Elective*	4	BIOL Elective*	3
Additonal Gen Ed Course	3	Free Elective [#]	3
Free Elective (WI) [#]	3	Free Elective [#]	3
	14		13
TOTAL HOURS			120

Contact: BUG@ecu.edu

Confirmed by: GFC

Updated: May 2025

NOTES:

4 Writing Intensive (WI) courses must be completed, typically including ENGL 1100, ENGL 2201; at least 3 s.h. in the major (typically ENGL 3820) and an additional WI of the student's choice.

*Must complete 21 hours of Specified BIOL electives. Including at least 12 hours from the ecology/evolution courses (at least one course in organismal diversity and one course in ecological/evolutionary processes); 3 s.h. from the molecular/cell concentration specific list, and 6 s.h. of any biology electives with at least one 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

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.