

Thomas Harriot College of Arts and Sciences
B.S. in Biology: General Biology Concentration (pre-dental option)

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	MATH 2121 [†]	3
MATH 1065 [†]	3	KINE 1000	1
Social Sciences (GD or DD)	3	Social Sciences (GD or DD)	3
	17		15
SOPHOMORE YEAR			
Fall Semester		Spring Semester	
BIOL 2300 (Genetics)	3	BIOL 3030 (Princ of Physiology)	3
CHEM 2750, 2753 [†]	4	BIOL 3260 (Cell and Dev Biol)	3
ENGL 2201 (WI) [†]	3	CHEM 2760, 2763 [†]	4
Humanities	3	Fine Arts	3
MATH 2122	3	MATH 2228, 2283, or BIOS 1500 [†]	3
	16		16
JUNIOR YEAR			
Fall Semester		Spring Semester	
BIOL 2130 (Human A&P) ^{*#†}	4	BIOL 2250 (Ecology)	3
BIOL 2131 (Human A&P lab) ^{#†}	1	BIOL 3220, 3221 ^{*#†}	4
BIOL 4880 or CHEM 3770 ^{*#†}	3	ENGL 3820 (WI)	3
Humanities or Fine Arts	3	PHYS 1260, 1261 [†]	4
PHYS 1250, 1251 [†]	4		
	15		14
SENIOR YEAR			
Fall Semester		Spring Semester	
BIOL 3620 (Evolutionary Biol)	3	BIOL Elective w/ lab [*]	4
BIOL Elective [*]	3	HLTH 1000	2
Social Sciences	3	Free Elective	3
Additional Gen Ed Course	3	Free Elective	3
Free Elective (WI)	3		
	15		12
TOTAL HOURS			120

Contact: BUG@ecu.edu

Confirmed by: GFC

Updated: Jun 2024

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, 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.

[#] BIOL 2130/2131, 3220/3221, and 4880 are recommended for dental school.

[†] Pre-dental courses should be completed by spring of Junior year in order to take DAT.

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.

For additional assistance for pre-dental, please consult ECU's Pre-Professional Advising Center at ppac.ecu.edu