

Thomas Harriot College of Arts and Sciences
B.S. in Biochemistry, 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	
ENGL 1100 (WI)	3	BIOL 1200, 1201	4
BIOL 1100, 1101	4	CHEM 1160, 1161	4
CHEM 1150, 1151	4	MATH 1083	3
MATH 1065	3	HLTH 1000	2
Social Sciences (GD or DD)	3	Humanities	3
	17		16
SOPHOMORE YEAR			
Fall Semester		Spring Semester	
CHEM 2750, 2751	4	CHEM 2760, 2761	4
MATH 2171	4	MATH 2172	4
BIOL 2300 (Genetics)	3	BIOL 3260 (Cell and Dev Biol)	3
Social Sciences (GD or DD)	3	ENGL 2201 (WI)	3
KINE 1000	1		
	15		14
JUNIOR YEAR			
Fall Semester		Spring Semester	
MATH 2173	4	PHYS 2360, 1261	5
PHYS 2350, 1251	5	Social Sciences	3
BIOL 4880 (Biochemistry I)	3	BIOL 4890 (Biochemistry II)	3
BIOL 4891 (Biochemistry Lab)	1	CHEM 3250, 3251 (WI)	5
Fine Arts	3		
	16		16
SENIOR YEAR			
Fall Semester		Spring Semester	
Restricted Electives**	4	Restricted Electives**	3
Restricted Electives**	3	Restricted Electives**	4
Restricted Electives**	3	Additional General Ed course (WI)	3
Humanities or Fine Arts	3	Free Elective	3
	13		13
TOTAL HOURS			120

Contact: BUG@ecu.edu

Confirmed by: GFC

Updated: Sep 2022

NOTES:

A 3 s.h. Global Diversity course and a 3 s.h. Domestic Diversity course are also required (these can coincide with other general education or major courses)

** Choose 16 s.h. of restricted electives from the following list: BIOL 2100/2101, 3220/3221, 4230, 4260, 5870, 5900/5901, MATH 4331; up to 3 s.h. of research in biology or chemistry (BIOL 3550, 4504, 4514, 4550, CHEM 4505, 4506, 4507, 4515, 4516, 4517)