

Thomas Harriot College of Arts and Sciences
B.A. in Biology w/ the specialization in Pharmacology

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
BIOL 1120	2	ECON 2113 (GE:SO)*	3
CHEM 1150, 1151*	4	CHEM 1160, 1161*	4
ENGL 1100 (WI)	3	MATH 2171*	4
MATH 1065	3	KINE 1000	1
	16		16
SOPHOMORE YEAR			
Fall Semester		Spring Semester	
BIOL 2300 (Genetics)	3	BIOL 3260 (Cell and Dev Biol)	3
CHEM 2750, 2753 (Organic Chemistry I)**	4	CHEM 2760, 2763 (Organic Chem II)*	4
COMM 2410 (GE:FA)*	3	Foreign Language 1002	3
ENGL 2201 (WI)	3	Humanities (GD or DD)	3
Foreign Language 1001	3	MATH 2228 or other stats*	3
	16		16
JUNIOR YEAR			
Fall Semester		Spring Semester	
BIOL 2130, 2131 (Anatomy & Physiology)*†	5	BIOL 3030 (Princ of Physiology)	3
BIOL 3010 (Scientific Communication) (WI)	3	BIOL 3220, 3221 (Microbiology)*†	4
Foreign Language 2003	3	Foreign Language 2004	3
HLTH 1000	2	PHYS 1250, 1251*	4
Social Sciences (GD or DD)	3		
	16		14
SENIOR YEAR			
Fall Semester		Spring Semester	
BIOL 2250 (Ecology)	3	BIOL 3620 (Biological Evolution)	3
CHEM 3250, 3251 (Quant & Inst Ana) (WI)#	5	CHEM 4522 (Pharm Industry Skill)#	3
CHEM 3770 (Biological Chemistry)*#	3	HIMA 3000 (Med Terminology)*	3
Humanities or Fine Arts	3	Social Sciences	3
	14		12
TOTAL HOURS			120

Confirmed by: GFC

Updated: May 2024

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).

4 Writing Intensive (WI) courses must be completed, typically including ENGL 1100, ENGL 2201, BIOL 3010, and an additional WI of the student's choice, which can be CHEM 3251 for students with the specialization in Pharmacology.

* Courses that are required or recommended for pharmacy school. UNC requires MATH 2171 or MATH 2121 and 2122.

† Must complete at least 2 BIOL courses with laboratory in addition to BIOL 1101 and 1201.

Must complete a minor, a double major, or an area of specialization with at least 18 .sh. of structured electives with the help of a Biology faculty advisor and approved by the departmental administration.

contact: BUG@ecu.edu