

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.

<b>FRESHMAN YEAR</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
ENGL 1100 (WI)	3	Social Sciences (GD or DD)	3
MATH 1065	3	MATH 2121	3
CHEM 1150, 1151	4	CHEM 1160, 1161	4
BIOL 1100, 1101	4	BIOL 1200, 1201	4
		HLTH 1000	2
	<b>14</b>		<b>16</b>
<b>SOPHOMORE YEAR</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
CHEM 2750, 2753	4	CHEM 2760, 2763	4
MATH 2122	3	BIOL 3030 or 3260	3
BIOL 2300 (Genetics)	3	BIOL 3620 (Evolutionary Biol)	3
BIOL 2250, 2251 (Ecology)	4	Humanities	3
KINE 1000	1	ENGL 2201 (WI)	3
	<b>15</b>		<b>16</b>
<b>JUNIOR YEAR</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
PHYS 1250, 1251	4	PHYS 1260, 1261	4
BIOL Elective*	3	BIOL Elective*	3
MATH 2228, or 2283, or BIOS 1500	3	Social Sciences	3
Social Science (GD or DD)	3	ENGL 3820 (WI)	3
Fine Arts	3	Humanities or Fine Arts	3
	<b>16</b>		<b>16</b>
<b>SENIOR YEAR</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
BIOL Elective*	4	BIOL Elective*	4
BIOL Elective*	4	BIOL Elective*	3
Additional Gen Ed Course	3	Free Elective	3
Free Elective (WI)	3	Free Elective	3
	<b>14</b>		<b>13</b>
<b>TOTAL HOURS</b>			<b>120</b>

Contact: [BUG@ecu.edu](mailto:BUG@ecu.edu)

Confirmed by: GFC

Updated: March 2023

**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; 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

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.