

**Baccalaureate Degree Plan**  
**Associate in Science (AS) to BS Biochemistry, Chemistry Concentration**

The sequence below is contingent on the student completing the AS degree from a college in the North Carolina Community College System.

<b>NC Community College First Year</b>			
<b>Fall Semester</b>			
NCCCS Course	NCCC s.h..	ECU Course Equivalent	ECU s.h.
ENG 111	3	ENGL 1100 (WI) <sup>1</sup>	3
UGETC Humanities/Fine Arts Course	3	General Education Course	3
MAT 171-UGETC Mathematics	4	MATH 1065	4
UGETC Social Science Course	3	General Education Course	3
ACA 122-CAA Premajor/Elective	1	COAD 1xxx (Elective Credit)	1
<b>Total:</b>	<b>14</b>		<b>14</b>
<b>Spring Semester</b>			
UGETC Humanities/Fine Arts Course	3	General Education Course	3
MAT 172-UGETC Mathematics	4	MATH 1083	4
CHM 151-UGETC Natural Sciences	4	CHEM 1150/51	4
BIO 111-CAA GEN ED	4	BIOL 1100/01	4
<b>Total:</b>	<b>15</b>		<b>15</b>
<b>NC Community College Second Year</b>			
<b>Fall Semester</b>			
NCCCS Course	NCCC s.h..	ECU Course Equivalent	ECU s.h.
ENG 112	3	ENGL 2201 (WI) <sup>1</sup>	3
CHM 152-UGETC Natural Sciences	4	CHEM 1160/61	4
BIO 112-CAA GEN ED	4	BIOL 1200/01	4
MAT 271-CAA Premajor/Elective	4	MATH 2171	4
CAA Premajor/Elective	2	General Education or Elective Course	2
<b>Total:</b>	<b>17</b>		<b>17</b>
<b>Spring Semester</b>			
UGETC Social Science Course	3	General Education Course	3
PHY 251-CAA GEN ED	4	PHYS 2350	4
CHM 251-CAA Premajor Elective	4	CHEM 2750/53	4
MAT 272-CAA Premajor Elective	4	MATH 2172	4
<b>Total:</b>	<b>15</b>		<b>15</b>
<b>Key: The Transfer Course List can be found at: <a href="#">NC Transfer Course List</a></b>			
UGETC - Universal General Education Transfer Component courses			
CAA GEN ED - Additional General Education Hours (AA requires 13-14 hours; AS requires 11 hours)			
Pre-Major/Elective - Courses classified as pre-major, electives, or general education courses within the CAA (ACA 122 is required)			

<sup>1</sup>Students enrolling at ECU must fulfill the writing across the curriculum requirement prior to graduation. To do so, each student must complete a minimum of four writing intensive (WI) courses, including ENGL 1100 and ENGL 2201; at least one WI course in the major; and any other WI course of the student's choice.

**NOTE: Credit will only be awarded for transferable courses for which a grade of C (2.0) or better is earned.**



## Schedule of Courses Upon Admission to ECU

### Associate in Science (AS) to BS Biochemistry, Chemistry Concentration

ECU Junior Year			
Fall Semester		Spring Semester	
CHEM 3250/51	5	CHEM 2760/63	4
MATH 2173	4	CHEM 3950/51	5
PHYS 1251	1	HLTH 1000 <sup>2</sup>	2
PHYS 2360/1261	5	KINE 1000 <sup>2</sup>	1
		General Electives	3
<b>Total:</b>	<b>15</b>	<b>Total:</b>	<b>15</b>
ECU Senior Year			
Fall Semester		Spring Semester	
BIOL 4880	3	BIOL 4890/91	4
CHEM 3960/61	5	Concentration Electives <sup>3</sup>	6
Concentration Electives <sup>3</sup>	4	General Electives	5
General Electives	3		
<b>Total:</b>	<b>15</b>	<b>Total:</b>	<b>15</b>

<sup>2</sup>Students who have successfully completed HEA 110 since the Fall 2016 term will earn ECU credit for both HLTH 1000 (2 hours) and KINE 1000 (1 hour). Students who completed HEA 110 prior to the Fall 2016 term and who have not also taken PED 110 will be responsible for meeting the Health-Related Physical Activity Competency component of the ECU General Education Program to meet degree requirements.

<sup>3</sup>Choose 10 s.h. from the following for the Chemistry Concentration: BIOL 2300; CHEM 3450/51, 4350/51, 4522, 4550, 5760; MATH 4331; three hours of research in Biology or Chemistry chosen from BIOL 3504, 3550; CHEM 4505, 4506, 4507, 4515, 4516, 4517.

#### Minimum Credit Hours Required for Graduation:

**120**

The Bachelor of Science in Biochemistry requires a minimum of 120 semester hours. ECU requires a minimum 2.0 overall GPA and a minimum 2.0 major GPA for graduation.

For more information, visit the Biochemistry website:

[Biochemistry](#)

<sup>4</sup>NOTE: Completion of a 3 s.h. Global Diversity (GD) course and a 3 s.h. Domestic Diversity (DD) course are requirements of all ECU degrees. Though not required for transfer, recommended or required courses marked with GD or DD above should satisfy the requirement; students may choose other courses in these recommended areas. These courses can coincide with other General Education or Major courses. A list of all courses approved to meet the Global and Domestic Diversity requirement can be found in the University catalog: <http://catalog.ecu.edu>, click on the "Courses" link.

*This plan reflects the degree program's requirements published in the 2022-2023 university catalog. All guides are meant as an example of how a degree can be completed. Course availability, prior credit, course prerequisites, major requirements, and student needs must be considered in developing an individual academic pathway. Following the Baccalaureate Degree Plan does not guarantee admission to ECU or guarantee an AS or BS degree will be conferred. Students should seek academic advising to determine the best course of study to meet educational goals and degree requirements.*

[Please refer to the East Carolina University Admissions website for more information on admission and transfer of credits.](#)