Baccalaureate Degree Plan
Associate in Science (AS) to BS Engineering, Biomedical Engineering Concentration

Seeking advising from an ECU College of Engineering and Technology (CET) academic advisor is strongly encouraged as soon as the student is accepted to ECU. Visit the ECU CET advising website for more information.

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

NC Community College First Year			
Fall Semester			
NCCCS Course	**NCCC s.h..**	**ECU Course Equivalent**	**ECU s.h.**
ENG 111	3	ENGL 1100 (WI)[1]	3
UGETC Humanities/Fine Arts Course	3	General Education Course	3
MAT 271-UGETC Mathematics*	4	MATH 2171	4
CHM 151-CAA GEN ED	4	CHEM 1150/51	4
EGR 150-CAA Premajor/Elective[3]	2	ENGR 1000/1012/1016	2
ACA 122-CAA Premajor/Elective	1	COAD 1xxx (Elective Credit)	1
Total:	**17**		**17**
Spring Semester			
UGETC Humanities/Fine Arts Course	3	General Education Course	3
MAT 272-UGETC Mathematics	4	MATH 2172	4
UGETC Social Science Courses	6	General Education Courses	6
Recommended: SOC 210		*SOCI 2110 (DD)*[5]	
DFT 170-CAA Premajor/Elective[3]	3	ENGR 1000/1012/1016	3
Total:	**16**		**16**
NC Community College Second Year			
Fall Semester			
NCCCS Course	**NCCC s.h..**	**ECU Course Equivalent**	**ECU s.h.**
ENG 112	3	ENGL 2201 (WI)[1]	3
PHY 251-UGETC Natural Sciences	4	PHYS 2350	4
MAT 273-CAA GEN ED	4	MATH 2173	4
MAT 280-CAA Premajor/Elective[4]	3	MATH 3256	3
Total:	**14**		**14**
Spring Semester			
PHY 252-UGETC Natural Sciences	4	PHYS 2360	4
CAA GEN ED Course	3	General Education Course	3
EGR 220-CAA Premajor Elective	3	ENGR 2022	3
MAT 285-CAA Premajor/Elective[4]	3	MATH 4331	3
BIME 2080		Course should be taken at ECU through dual enrollment/Critical Path Course for ECU 3rd Year	2
Total:	**13**		**15**

Key: The Transfer Course List can be found at: NC Transfer Course List

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)

* If students are not eligible to enroll in MAT 271 in their first semester at the NC Community College, students will need to add the appropriate pre-requisites to their degree plan. The plan of study through enrollment at ECU starting with the summer before the junior year assumes all students will complete through MAT 273 through enrollment at the community college.

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 Engineering,
Biomedical Engineering Concentration

ECU Summer before Junior Year			
BIOL 1050/51 or BIOL 1100/01	4	ENGR 2450	3
Total: 7			
ECU Junior Year			
Fall Semester		**Spring Semester**	
BIME 4040	3	BIME 4050	3
ENGR 2000	1	ENGR 3000	2
ENGR 2050	3	ENGR 3050	3
ENGR 2070	3	ENGR 3420	2
ENGR 2514	4	HLTH 1000[2]	2
ENGR 3024 (WI)[1]	3	MATH 3307	3
Total:	**17**	**Total:**	**15**
ECU Senior Year			
Fall Semester		**Spring Semester**	
BIME 4200	4	BIME 4030	4
ENGR 3034	4	ENGR 3800	3
ENGR 4010 (WI)[1]	2	ENGR 4020 (WI)[1]	2
KINE 1000[2]	1	Concentration Technical Elective	3
Concentration Technical Elective	3		
Total:	**14**	**Total:**	**12**

[1]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.

[2]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.

[3]Students must bundle EGR 150 and DFT 170 to receive credit for ENGR 1000 + 1012 + 1016.

[4]Students must bundle MAT 280 & MAT 285 to receive credit for MATH 3256 & MATH 4331 to apply as a substitution toward degree requirement of MATH 2154.

Minimum Credit Hours Required for Graduation: 125

The Bachelor of Science in Engineering requires a minimum of 125 semester hours. ECU requires a minimum 2.0 overall GPA and a minimum 2.0 major GPA for graduation.

For more information, visit the Department of Engineering: **Department of Engineering**

[5]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.