

Baccalaureate Degree Plan
Associate in Science (AS) to BS Physics, Professional Concentration

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
MAT 171-UGETC Mathematics	4	MATH 1065	4
UGETC Social Science Course	3	General Education Course	3
HEA 110 ² -CAA Premajor/Elective	3	HLTH 1000/KINE 1000 ²	3
ACA 122-CAA Premajor/Elective	1	COAD 1xxx (Elective Credit)	1
Total:	14		14
Spring Semester			
UGETC Humanities/Fine Arts Course	3	General Education Course	3
CHM 151-UGETC Natural Sciences	4	CHEM 1150/51	4
MAT 172-UGETC Mathematics	4	MATH 1083	4
CAA GEN ED Course	3	General Education Course	3
Total:	14		14
NC Community College Summer before Second Year			
MAT 271-CAA GEN ED	4	MATH 2171	4
Total:	4		4
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
CHM 152-UGETC Natural Sciences	4	CHEM 1160/61	4
PHY 251-CAA GEN ED	4	PHYS 2350/1251	4
MAT 272-Premajor/Elective	4	MATH 2172	4
Total:	15		15
Spring Semester			
UGETC Humanities/Fine Arts Course	3	General Education Course	3
UGETC Social Science Course	3	General Education Course	3
MAT 273-CAA Premajor/Elective	4	MATH 2173	4
PHY 252-CAA Premajor/Elective	4	PHYS 2360/1261	4
Total:	14		14

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)

¹Students 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.

²Students 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.



Schedule of Courses Upon Admission to ECU

Associate in Science (AS) to BS Physics, Professional Concentration

ECU Junior Year			
Fall Semester		Spring Semester	
PHYS 2001	1	PHYS 3417	3
PHYS 3416	3	PHYS Elective ³	3
MATH 4331 or 2154	3 or 4	General Electives	9
General Electives	7 or 8		
Total:	15	Total:	15
ECU Senior Year			
Fall Semester		Spring Semester	
PHYS Electives ³	6	PHYS 4700/01 (WI) ¹	3
General Electives	9	General Electives	12
Total:	15	Total:	15

³Electives for the professional concentration may include PHYS 2716, PHYS courses above 2999 and/or CHEM 3950. A maximum of 3 s. h. of independent study courses (PHYS 2716, PHYS 3516, PHYS 3517, PHYS 3518, PHYS 3716, PHYS 3717, and PHYS 3718) may be used to fulfill the 9 s.h. of electives requirement. PHYS 4950 may not count as an elective.

Minimum Credit Hours Required for Graduation: 120

The Bachelor of Science in Physics 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 Physics Department website: [Physics Department](#)

NOTE: Completion of a 3 s.h. Global Diversity course and a 3 s.h. Domestic Diversity course are requirements of all ECU degrees. 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 2021-2022 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.

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

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