Baccalaureate Degree Plan
Associate in Science (AS) to BS Mathematics, Secondary Education

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
PSY 150-UGETC Social Science	3	PSYC 1000	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
UGETC Natural Sciences Course	4	General Education Course	4
MAT 271-UGETC Mathematics	4	MATH 2171	4
UGETC Social Science Course	3	General Education Course	3
CAA Premajor/Elective	2	General Education or Elective Course	2
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
UGETC Humanities/Fine Arts Course	3	General Education Course	3
MAT 272-CAA GEN ED	4	MATH 2172	4
CAA GEN ED Course	3	General Education Course	3
CIS 110-CAA Premajor/Elective	3	MIS 2223	3
Total:	16		16
Spring Semester			
UGETC Natural Sciences Course	4	General Education Course	4
MAT 273-CAA GEN ED	4	MATH 2173	4
CAA Premajor/Electives	6	General Education or Elective Courses	6
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)

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[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 courses, including ENGL 1100 and ENGL 2201, at least one writing intensive course in the major; and any other writing intensive 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.

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

ECU Summer before Junior Year			
MATH 3256	3	PSYC 2777 or SOCI 1010	3
Total: 6			
ECU Junior Year			
Fall Semester		Spring Semester	
MATE 2123	1	MATE 2700	3
MATE 2800	3	MATE 3367	3
MATE 3300	3	MATE 3523	3
MATH 2300 (WI)[1]	3	MATH 3263 (WI)[1]	3
MATH 3307	3	READ 3990	2
Total:	13	Total:	14
ECU Summer before Senior Year			
MATH Elective above 2999[3]	3	SPED 4010	2
Total: 5			
ECU Senior Year			
Fall Semester		Spring Semester	
EDUC 4400 or PSYC 4305	3	MATE 4324	10
MATE 4001	3	MATE 4325	3
MATE 4323	3		
MATH 4322	3		
Total:	12	Total:	13

[3]MATH elective numbered above 2999, excluding MATH 3229, 3237, 3239.

Minimum Credit Hours Required for Graduation: 120

The Bachelor of Science in Mathematics, Secondary Education requires a minimum of 120 semester hours. ECU requires a minimum 2.0 overall GPA and a minimum 2.0 major GPA for graduation. Credit toward the degree will not be given in any MATH course with a grade less than C- (1.7) and in any MATE course or professional course with grade less than C (2.0).

For more information, visit the Department of Mathematics Education, Science Education, and Instructional Technology website:

Department of Mathematics Education, Science Education, and Instructional Technology

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 2020-2021 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.