



Associate in Science (AS) to BS Mathematics, Computer Science Concentration

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

	ECU Course	ECU S.H.	NCCC S.H.	NCCCS Course Equivalent
Freshman Year				
Fall Semester	COAD 1xxx	1	1	ACA 122
	ENGL 1100 (WI) ¹	3	3	ENG 111
	Math MATH 1065 Rec.	4	4	UGETC Course MAT 171
	Social Science	3	3	UGETC Course
	CAA Premajor/Elective HLTH 1000/KINE 1000 Rec. ²	3	3	CAA Premajor/Elective HEA 110 ²
	Total:	14	14	
Spring Semester	Humanities/Fine Arts Global Diversity Rec. ³	3	3	UGETC Course
	Natural Sciences	4	4	UGETC Course
	Social Science Domestic Diversity Rec. ³	3	3	UGETC Course
	Math MATH 2171 Rec.	4	4	UGETC Course MAT 271
	CAA Premajor/Elective	2	2	CAA Premajor/Elective
	Total:	16	16	
Sophomore Year				
Fall Semester	ENGL 2201 (WI) ¹	3	3	ENG 112
	CAA GEN ED MATH 2172 Rec.	4	4	CAA GEN ED MAT 272
	CAA GEN ED	3	3	CAA GEN ED
	CAA Premajor/Elective	6	6	CAA Premajor/Elective
	Total:	16	16	
Spring Semester	Natural Sciences	4	4	UGETC Course
	Humanities/Fine Arts	3	3	UGETC Course
	CAA GEN ED MATH 2173 Rec.	4	4	CAA GEN ED MAT 273
	CAA Premajor/Elective	3	3	CAA Premajor/Elective
	Total:	14	14	
Junior Year				
Fall Semester	CSCI 1010/1011	4	-	No Equivalent
	CSCI Restricted Elective ⁴	3	-	No Equivalent
	MATH 2300 (WI) ¹	3	-	No Equivalent
	MATH 3256	3	-	No Equivalent
	MATH 3307	3	-	No Equivalent
	Total:	16	0	
Spring Semester	CSCI 2530	4	-	No Equivalent
	CSCI Restricted Electives ⁴	6	-	No Equivalent
	MATH 3263 (WI) ¹	3	-	No Equivalent

	MATH 3308	3	-	No Equivalent
	Total:	16	0	
Senior Year				
Fall Semester	CSCI 2410, EENG 2410, CSCI 3675 or MATH 4110	3	-	No Equivalent
	CSCI 2540	3	-	No Equivalent
	MATH 4101	3	-	No Equivalent
	MATH 4331	3	-	No Equivalent
	General Elective	1	-	ECU or CC Transferrable Courses
	Total:	13	0	
Spring Semester	CSCI 3650	3	-	No Equivalent
	CSCI Restricted Elective ⁴	3	-	No Equivalent
	MATH Course above 2999	3	-	No Equivalent
	General Electives	6	-	ECU or CC Transferrable Courses
	Total:	15	0	

Minimum S.H. Required for Degree 120

The Bachelor of Science in Mathematics 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).

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 12 semester hours of writing intensive (WI) courses, including ENGL 1100 and ENGL 2201; at least 3 semester hours of WI courses in the major; and any other 3 semester hours 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.

³Students enrolling at ECU are required to complete two three-hour diversity courses: one course with a domestic diversity (DD) focus and one with a global diversity (GD) focus. Courses that transfer to ECU as equivalent to an ECU course that is approved for diversity credit receive diversity credit. Transfer courses that are not equivalent to existing ECU diversity courses may be approved for diversity credit by the General Education and Instructional Effectiveness Committee. For a list of ECU courses that carry the DD and GD designation, visit the ECU catalog: <https://catalog.ecu.edu>

⁴Choose 12 s.h. from: CSCI Electives numbered above 1999, CSCI 2530, 2540, 3584, 3650.

This plan reflects the degree program's requirements published in the 2018-2019 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.

Key:

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, of which ACA 122 is required