

Associate in Arts (AA) to BS Engineering, Electrical Engineering Concentration

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

Freshman Year Fall Semester COAD 1xxx 1 1 ACA 122 ENGL 1100 (WI) ¹ 3 3 ENG 111 Math 4 4 UGETC Course MATH 1065 Rec. 4 4 MATH 171 Humanities/Fine Arts 3 3 UGETC Course Natural Sciences 4 4 UGETC Course CAA Premajor/Elective 2 2 CAA Premajor/Elective ENGL 1000/12/16 Rec. ³ 2 2 CAA Premajor/Elective ENGL 2201 (WI) ¹ 3 3 ENG 112 Spring Semester ENGL 2201 (WI) ¹ 3 3 UGETC Course Humanities/Fine Arts 3 3 UGETC Course Humanities/Fine Arts 3 3 UGETC Course CAA GEN ED 4 4 MAT 271 MATH 2171 Rec. 4 4 MAT 271 CAA Premajor/Elective 3 3 UGETC Course MATH 2171 Rec. 3 3 UGETC Course CAA Premajor/Elective 3 3 UGETC Course <th></th>	
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	ECU third year.
EENG 2410 3 3 EGR 212	,
ENGR 2050 3 3 CSC 134 or CSC 151 or EGR 21	14
Total: 6 6	
Sophomore Year	
Fall Semester Social Science 6 6 UGETC Course	
CAA GEN ED	
MATH 2172 Rec. 4 4 MAT 272	
CAA GEN ED 4 CAA GEN ED	
PHYS 2350 Rec. PHY 251	
CAA GEN ED 1 1 CAA GEN ED	
CAA Premajor/Elective 3 3 CAA Premajor/Elective	
MATH 3256 Rec. ⁴ MAT 280 ⁴	
Total: 18 18	
Spring Semester Humanities/Fine Arts 3 3 UGETC Course	
CAA Premajor/Elective 4 4 CAA Premajor/Elective	
PHYS 2360 Rec. PHY 252 CAA Premajor/Elective CAA Premajor/Elective	
CAA Premajor/Elective 4 4 CAA Premajor/Elective MAT 273	
CAA Premajor/Elective	
MATH 4331 Rec. ⁴ 3 3 MAT 285 ⁴	
Course should be taken at ECU/	
ENGR 2514 4 - Course for ECU 3 rd Year	Critical Path
Total: 18 14	Critical Path

	Su	mmer Terms (a	at ECU)	
Summer Terms (at	ENGR 2022	3	3	EGR 220
ECU)	ENGR 2070	3	-	No Equivalent
	Total:	6	3	
		Junior Year	•	
Fall Semester	EENG 3013	3	-	No Equivalent
	EENG 3040	4	-	No Equivalent
	ENGR 2000	1	-	No Equivalent
	ENGR 2450	3	-	No Equivalent
	ENGR 3024 $(WI)^1$	3	-	No Equivalent
	ENGR 3420	2	-	No Equivalent
	Total:	16	0	
Spring Semester	EENG 3023	3	-	No Equivalent
	ENGR 3000	2	-	No Equivalent
	ENGR 3050	3	-	No Equivalent
	ENGR 3800	3	-	No Equivalent
	MATH 3307	3	-	No Equivalent
	Total:	14	0	
		Senior Yea	r	
Fall Semester	EENG 3750	3	-	No Equivalent
	EENG 4510	3	-	No Equivalent
	ENGR 4010 (WI) ¹	2	-	No Equivalent
	BIOL 1050/1051 or 1100/01	4	4	BIO 110 or BIO 111
	Total:	12	4	
Spring Semester	ENGR 3034	4	-	No Equivalent
	ENGR 4020 (WI) ¹	2	-	No Equivalent
	HLTH 1000	2	3	HEA 110 ²
	KINE 1000	1	-	HEA 110 ²
	Technical Elective	3	-	No Equivalent
	Total:	12	3	

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.

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.

 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 4332 to apply as a substitution toward degree requirement of MATH 2154.

This plan reflects the degree program's requirements published in the 2019-2020 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: 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, of which ACA 122 is required