



## 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.

	ECU Course	ECU S.H.	NCCC S.H.	NCCCS Course Equivalent
<b>Freshman Year</b>				
Fall Semester	COAD 1xxx	1	1	ACA 122
	ENGL 1100 (WI) <sup>1</sup>	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. <sup>2</sup>	3	3	CAA Premajor/Elective HEA 110 <sup>2</sup>
	<b>Total:</b>	<b>14</b>	<b>14</b>	
Spring Semester	Humanities/Fine Arts Global Diversity Rec. <sup>3</sup>	3	3	UGETC Course
	Natural Sciences CHEM 1150/51 Rec.	4	4	UGETC Course CHM 151
	Math MATH 1083 Rec.	4	4	UGETC Course MAT 172
	CAA Premajor/Elective	5	5	CAA Premajor/Elective
	<b>Total:</b>	<b>16</b>	<b>16</b>	
<b>Sophomore Year</b>				
Fall Semester	ENGL 2201 (WI) <sup>1</sup>	3	3	ENG 112
	Natural Sciences CHEM 1160/61 Rec.	4	4	UGETC Course CHM 152
	CAA GEN ED MATH 2171 Rec.	4	4	CAA GEN ED MAT 271
	CAA GEN ED	3	3	CAA GEN ED
	<b>Total:</b>	<b>14</b>	<b>14</b>	
Spring Semester	Humanities/Fine Arts	3	3	UGETC Course
	Social Science Domestic Diversity Rec. <sup>3</sup>	3	3	UGETC Course
	CAA GEN ED PHYS 2350 Rec.	4	4	CAA GEN ED PHY 251
	CAA Premajor/Elective MATH 2172 Rec.	4	4	CAA Premajor/Elective MAT 272
	CAA Premajor/Elective	2	2	CAA Premajor/Elective
	<b>Total:</b>	<b>16</b>	<b>16</b>	
<b>Summer Terms</b>				
Summer Terms	MATH 2173	4	4	MAT 273
	PHYS 2360/1261	5	4	PHY 252
	<b>Total:</b>	<b>9</b>	<b>8</b>	
<b>Junior Year</b>				
Fall Semester	PHYS 3416	3	-	No Equivalent
	MATH 4331	3	-	No Equivalent
	General Electives	6	-	ECU or CC Transferrable Courses

	<b>Total:</b>	<b>12</b>	<b>0</b>	
<b>Spring Semester</b>	PHYS 3417	3	-	No Equivalent
	PHYS Electives <sup>4</sup>	3	-	No Equivalent
	General Electives	6	-	ECU or CC Transferrable Courses
	<b>Total:</b>	<b>12</b>	<b>0</b>	
<b>Senior Year</b>				
<b>Fall Semester</b>	PHYS Electives <sup>4</sup>	6	-	No Equivalent
	General Electives	9	-	ECU or CC Transferrable Courses
	<b>Total:</b>	<b>15</b>	<b>0</b>	
<b>Spring Semester</b>	PHYS 4700/01 (WI) <sup>1</sup>	3	-	No Equivalent
	General Electives	9	-	ECU or CC Transferrable Courses
	<b>Total:</b>	<b>12</b>	<b>0</b>	

**Minimum S.H. Required for Degree      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.

<sup>1</sup>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 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.

<sup>2</sup>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.

<sup>3</sup>Students 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>

<sup>4</sup>Electives for the professional concentration can include PHYS courses above 2999 and/or CHEM 3950. A maximum of 3 s. h. of independent study courses (PHYS 3516, PHYS 3517, PHYS 3518, PHYS 3716, PHYS 3717, and PHYS 3718) can be used to fulfill the 9 s. h. of electives requirement.

*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.*

<b>Key:</b>
<b>UGETC</b> - Universal General Education Transfer Component courses
<b>CAA GEN ED</b> - Additional General Education Hours (AA requires 13-14 hours; AS requires 11 hours)
<b>Pre-Major/Elective</b> - Courses classified as pre-major, electives, or general education courses within the CAA, of which ACA 122 is required