

## Baccalaureate Degree Plan

### Associate in Science (AS) to BS Mathematics, Science 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) <sup>1</sup>           | 3         |
| MAT 171-UGETC Mathematics                   | 4          | MATH 1065                             | 4         |
| UGETC Social Science Course                 | 3          | General Education Course              | 3         |
| HEA 110 <sup>2</sup> -CAA Premajor/Elective | 3          | HLTH 1000/KINE 1000 <sup>2</sup>      | 3         |
| ACA 122-CAA Premajor/Elective               | 1          | COAD 1xxx (Elective Credit)           | 1         |
| <b>Total:</b>                               | <b>14</b>  |                                       | <b>14</b> |
| Spring Semester                             |            |                                       |           |
| UGETC Humanities/Fine Arts Course           | 3          | General Education Course              | 3         |
| CHM 151-UGETC Natural Sciences              | 4          | CHEM 1150/51                          | 4         |
| MAT 271-UGETC Mathematics                   | 4          | MATH 2171                             | 4         |
| CAA GEN ED Course                           | 3          | General Education Course              | 3         |
| <b>Total:</b>                               | <b>14</b>  |                                       | <b>14</b> |
| NC Community College Second Year            |            |                                       |           |
| Fall Semester                               |            |                                       |           |
| NCCCS Course                                | NCCC s.h.. | ECU Course Equivalent                 | ECU s.h.  |
| ENG 112                                     | 3          | ENGL 2201 (WI) <sup>1</sup>           | 3         |
| UGETC Humanities/Fine Arts Course           | 3          | General Education Course              | 3         |
| UGETC Social Science Course                 | 3          | General Education Course              | 3         |
| MAT 272-CAA GEN ED                          | 4          | MATH 2172                             | 4         |
| CAA Premajor/Elective                       | 3          | General Education or Elective Course  | 3         |
| <b>Total:</b>                               | <b>16</b>  |                                       | <b>16</b> |
| Spring Semester                             |            |                                       |           |
| CHM 152-UGETC Natural Sciences              | 4          | CHEM 1160/61                          | 4         |
| MAT 273-CAA GEN ED                          | 4          | MATH 2173                             | 4         |
| CAA Premajor/Electives                      | 8          | General Education or Elective Courses | 8         |
| <b>Total:</b>                               | <b>16</b>  |                                       | <b>16</b> |

**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)

<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 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.

<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.

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



Schedule of Courses Upon Admission to ECU  
Associate in Science (AS) to BS Mathematics, Science  
Concentration

| ECU Junior Year             |           |                                |           |
|-----------------------------|-----------|--------------------------------|-----------|
| Fall Semester               |           | Spring Semester                |           |
| CSCI 1010/1011              | 4         | MATH 3263 (WI) <sup>1</sup>    | 3         |
| MATH 2300 (WI) <sup>1</sup> | 3         | MATH 3308                      | 3         |
| MATH 3256                   | 3         | Science Elective <sup>3</sup>  | 4         |
| MATH 3307                   | 3         | General Electives              | 6         |
| General Elective            | 3         |                                |           |
| <b>Total:</b>               | <b>16</b> | <b>Total:</b>                  | <b>16</b> |
| ECU Senior Year             |           |                                |           |
| Fall Semester               |           | Spring Semester                |           |
| MATH 4101                   | 3         | MATH Course above 2999         | 3         |
| MATH 4110                   | 3         | PHYS 2360                      | 4         |
| MATH 4331                   | 3         | Science Electives <sup>3</sup> | 4-5       |
| PHYS 2350                   | 4         | General Electives              | 3-4       |
| <b>Total:</b>               | <b>13</b> | <b>Total:</b>                  | <b>15</b> |

<sup>3</sup>Choose one of the following: BIOL 1100/01 and BIOL 1200/01 or a combination of any 3 courses numbered above 1999 in chemistry or numbered above 2999 in physics.

**Minimum Credit Hours Required for Graduation: 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).

Additional information can be found on the Mathematics Department website:

[Department of Mathematics](#)

**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.*

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