# Associate in Arts (AA) to BS Mathematics, Statistics Concentration

The sequence below is contingent on the student completing the AA 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<br>*MATH 1065 Rec.* | 4 | 4 | UGETC Course<br>*MAT 171* |
| | Social Science | 3 | 3 | UGETC Course |
| | CAA Premajor/Elective<br>*HLTH 1000/KINE 1000 Rec.* [2] | 3 | 3 | CAA Premajor/Elective<br>*HEA 110* [2] |
| | Total: | 14 | 14 | |
| **Spring Semester** | Humanities/Fine Arts<br>*Global Diversity Rec.* [3] | 3 | 3 | UGETC Course |
| | Natural Sciences | 4 | 4 | UGETC Course |
| | Social Science | 3 | 3 | UGETC Course |
| | CAA GEN ED<br>*MATH 2171 Rec.* | 4 | 4 | CAA GEN ED<br>*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 |
| | Humanities/Fine Arts | 3 | 3 | UGETC Course |
| | CAA GEN ED<br>*MATH 2172 Rec.* | 4 | 4 | CAA GEN ED<br>*MAT 272* |
| | CAA GEN ED | 1 | 1 | CAA GEN ED |
| | CAA Premajor/Elective | 3 | 3 | CAA Premajor/Elective |
| | Total: | 14 | 14 | |
| **Spring Semester** | Humanities/Fine Arts | 3 | 3 | UGETC Course |
| | Social Science<br>*Domestic Diversity Rec.* [3] | 3 | 3 | UGETC Course |
| | CAA GEN ED<br>*MATH 2173 Rec.* | 4 | 4 | CAA GEN ED<br>*MAT 273* |
| | CAA Premajor/Elective | 6 | 6 | CAA Premajor/Elective |
| | Total: | 16 | 16 | |
| **Junior Year** | | | | |
| **Fall Semester** | CSCI 1010/1011 | 4 | - | No Equivalent |
| | MATH 2300 (WI)[1] | 3 | - | No Equivalent |
| | MATH 3256 | 3 | - | No Equivalent |
| | MATH 3307 | 3 | - | No Equivalent |
| | Minor and General Electives | 2 | - | ECU or CC Transferrable Courses |
| | Total: | 15 | 0 | |
| **Spring Semester** | MATH 3263 (WI)[1] | 3 | - | No Equivalent |
| | MATH 3308 | 3 | - | No Equivalent |

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|---|---|---|---|---|
| | MATH 4201 | 3 | - | No Equivalent |
| | Statistics Electives[4] | 6 | - | No Equivalent |
| | **Total:** | **15** | **0** | |
| **Senior Year** | | | | |
| **Fall Semester** | MATH 4005 | 3 | - | No Equivalent |
| | MATH 4101 | 3 | - | No Equivalent |
| | MATH 4331 | 3 | - | No Equivalent |
| | MATH 4801 | 3 | - | No Equivalent |
| | Statistics Elective[4] | 3 | - | No Equivalent |
| | **Total:** | **15** | **0** | |
| **Spring Semester** | MATH 4031 | 3 | - | No Equivalent |
| | MATH 4100 or 4300 | 3 | - | No Equivalent |
| | MATH 4774 | 3 | - | No Equivalent |
| | Statistics Elective[4] | 3 | - | No Equivalent |
| | General Electives | 3 | - | 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).

[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 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.

[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.

[3]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

[4]Choose 12 s.h. electives from: ECON 4443; OMGT 4493; MATH courses numbered above 2999.

*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.*

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**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

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