## ASSOCIATE IN ARTS MIDDLE GRADES EDUCATION with a CONCENTRATION IN SCIENCE

## Course Selection Guide

Updated Summer 2023

## Degrees

- NC Central: BA in Middle Grades Education, Math and Science Concentration
- NC State: BS in Science Education-Middle Grades Licensure Concentration
- ECU: BS in Middle Grades Education, Science and Math Academic Concentration.
- UNC Greensboro: BS in Middle Grades Education, Science with 6-9 Teacher Licensure Concentration.

Note that there are various concentrations for the majors below, combining science education with a second discipline. Consult the individual program requirements or Baccalaureate Degree Plans for more information.

## General Education - 45 SHC ("Semester Hours of Credit") Universal General Education Transfer Component (UGETC) Courses (31-32 SHC):

## English Composition (6 SHC)

| Durham Tech / UGETC Requirement | NCCU | NCSU | ECU | UNCG |
| :--- | :---: | :---: | :---: | :---: |
| ENG 111 Writing \& Inquiry | ENG 111 | ENG 111 | ENG 111 | ENG 111 |
| ENG 112 Writing/Research in the Disciplines | ENG 112 | ENG 112 | ENG 112 | ENG 112 |

Humanities/Fine Arts (H/FA) (9 SHC)—Select three courses from at least two disciplines

| Durham Tech / UGETC Requirement | NCCU | NCSU | ECU | UNCG |
| :--- | :---: | :---: | :---: | :---: |
| One course selected from ART 111, ART 114, ART <br> 115, COM 120, COM 231, DRA 111, MUS 110, MUS <br> 112 | COM 231 | COM 231 | ART 111, <br> DRA 111, or <br> MUS 110 | Any |
| One course selected from PHI 215 or PHI 240 | Any | PHI 215 | Any | Any |
| One course selected from ENG 231, 232, 241,242 | Any | ENG 231 | Any | Any |

Social and Behavioral Sciences (S/BS) (9 SHC)—Select three courses from at least two disciplines

| Durham Tech / UGETC Requirement | NCCU | NCSU | ECU | UNCG |
| :--- | :---: | :---: | :---: | :---: |
| One history course selected from HIS 111, HIS 112, <br> HIS 131, HIS 132 | HIS 112 | HIS 131 | Any | Any |
| One course from ECO 251, ECO 252, POL 120, PSY <br> 150, SOC 210 | Any | PSY 150 | Any | Any |
| One additional course from above | Any | Any | Any | Any |

Mathematics (3-4 SHC)

| Durham Tech / UGETC Requirement | NCCU | NCSU | ECU | UNCG |
| :---: | :---: | :---: | :---: | :---: |
| One Math course selected from MAT 143, 152, 171 | MAT 171 | MAT 171 | MAT 171 | MAT 171 |

Natural Science (4 SHC)

| Durham Tech / UGETC Requirement | NCCU | NCSU | ECU | UNCG |
| :--- | :---: | :---: | :---: | :---: |
| One Science course selected from AST 151/A, BIO <br> 110, BIO 111, CHM 151, GEL 111, PHY 110/A. | GEL 111 | BIO 110 | BIO 110 <br> or 111 | BIO 111 |

GEL 111 is listed for NCCU as a prerequisite for GEL 230, which is required in the major.

## Additional General Education Transfer Hours (13-14 SHC):

Foreign Language (3 SHC)

| Durham Tech Gen Ed Requirement | NCCU | NCSU | ECU | UNCG |
| :---: | :---: | :---: | :---: | :---: |
| Foreign Language: Choose from American Sign Language, Arabic, French, German, or Spanish FL 112 must be taken with accompanying lab. | FL 112 | FL 112 | FL 112 | FL 112 |
|  |  | Required by | Required by | Required by |
|  |  | Durham | Durham | Durham |
|  |  | Tech | Tech | Tech |

At NCSU, students who have completed two years of the same foreign language in high school with a C or higher are considered to have met the FL requirement.
$2^{\text {nd }}$ Mathematics Course (3-4 SHC)

| Durham Tech Gen Ed Requirement | NCCU | NCSU | ECU | UNCG |
| :--- | :---: | :---: | :---: | :---: |
| Choose from MAT 143, MAT 152, MAT 171, MAT <br> 172, or MAT 263. | MAT 172 | MAT 263 | MAT 172 | Any |

MAT 172 is only needed at ECU if the student is taking PHY 151.
$2^{\text {nd }}$ Natural Science Course (4SHC)

| Durham Tech Gen Ed Requirement | NCCU | NCSU | ECU | UNCG |
| :--- | :---: | :---: | :---: | :---: |
| Choose from AST 151/151A, AST 152/152A, BIO |  |  |  |  |
| 110, BIO 111, BIO 112, BIO 140/140A, CHM 131/A, | BIO | CHM | CHM | BIO 112 |
| CHM 132, CHM 151, CHM 152, GEL 111, GEL 230, | 140/A | 131/A | $131 / \mathrm{A}$ |  |
| PHY 110/110A, PHY 151, PHY 152, PHY 251, PHY 252. |  |  |  |  |

One Additional Course (3-4 SHC)

| Durham Tech Gen Ed Requirement | NCCU | NCSU | ECU | UNCG |
| :--- | :---: | :---: | :---: | :---: |
| One additional course | GEL 230 | GEL 111 | GEL 111 | CHM 151 |

## Other Required Hours ( 15 SHC):

Student should consult with his/her advisor. The listings here vary, based on the requirements of the selected university and the student's intended major.

College Transfer Success Course (1 SHC)

| Durham Tech Requirement | NCCU | NCSU | ECU | UNCG |
| :--- | :---: | :---: | :---: | :---: |
| ACA 122 (This course should be taken in the <br> student's first semester.) | ACA 122 | ACA 122 | ACA 122 | ACA 122 |

Foreign Language (0-8 SHC)

| Durham Tech Requirement | NCCU | NCSU | ECU | UNCG |
| :---: | :---: | :---: | :---: | :---: |
| FL 111/181, 112/182 if need to meet prerequisites. | As | As | As | As |
|  | Needed | Needed | Needed | Needed |

Additional Major Course(s)

| Durham Tech Requirement | NCCU | NCSU | ECU | UNCG |
| :---: | :---: | :---: | :---: | :---: |
| Additional college level course(s) to complete the |  |  | AST 151/A |  |
| 15 SHC requirement. |  | ANT 220 | or |  |
|  |  | HEA 110 | AST 151/A | PHY 110/A |
| AST 151/A |  |  |  |  |
|  | MAT 271 155 | or PHY 151 | EDU 216 |  |
|  | PED 110 | HUM 110 | CIS 110 | PHY 152 |
|  |  | EDU 216 | GEL 111 |  |
|  |  |  | PHY 110/A | HEA 110 |
|  |  | SOC 225 |  |  |

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[^0]:    UNCG also recommends EDU 187, which cannot count towards the Associate in Arts degree.

