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: <u>BS in Middle Grades Education, Science with 6-9 Teacher Licensure</u> Concentration.

Note that there are various concentrations for the majors below, combining science education with a second discipline. Consult the individual program requirements or <u>Baccalaureate Degree Plans</u> 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 115, COM 120, COM 231, DRA 111, MUS 110, MUS 112 | COM 231 | COM 231 | ART 111, DRA 111, or 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, HIS 131, HIS 132 | HIS 112 | HIS 131 | Any | Any |
| One course from ECO 251, ECO 252, POL 120, PSY 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 110, BIO 111, CHM 151, GEL 111, PHY 110/A. | GEL 111 | BIO 110 | BIO 110 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 | | FL 112 | FL 112 | FL 112 |
| Language, Arabic, French, German, or Spanish | | Required | Required | Required |
| FL 112 must be taken with accompanying lab. | FL 112 | by | by | 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.

2nd Mathematics Course (3-4 SHC)

| Durham Tech Gen Ed Requirement | NCCU | NCSU | ECU | UNCG |
|---|---------|---------|---------|------|
| Choose from MAT 143, MAT 152, MAT 171, MAT 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.

2nd Natural Science Course (4 SHC)

| 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, CHM 132, CHM 151, CHM 152, GEL 111, GEL 230, PHY 110/110A, PHY 151, PHY 152, PHY 251, PHY 252. | BIO 140/A | CHM 131/A | CHM 131/A | BIO 112 |

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 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 Needed | As Needed | As Needed | As Needed |

Additional Major Course(s)

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

UNCG also recommends EDU 187, which cannot count towards the Associate in Arts degree.