

**ASSOCIATE IN ARTS  
ENVIRONMENTAL SCIENCES  
Course Selection Guide  
Updated Summer 2023**

**Degrees**

- NC Central: [BS in Environmental, Earth, and Geographic Sciences](#)
- UNC Chapel Hill: [BS in Environmental Sciences](#) (UNC also offers a BA)
- UNC Wilmington: [BS in Environmental Sciences](#) (UNCW also offers a BA)
- NC State: [BS in Environmental Sciences](#)

**Jobs Associated with These Degrees**

Environmental educator, environmental engineering technician, environmental protection technician, conservation officer, recycling specialist, wildlife biologist, environmental health and safety specialist, science editor, and, with further graduate study, teacher/professor, researcher, policy analyst.

**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	UNC-CH	UNCW
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	UNC-CH	UNCW
One course selected from ART 111, ART 114, ART115, COM 120, COM 231, DRA 111, MUS 110, MUS 112	COM 231	COM 231	Any	COM 120 or 231
One course selected from PHI 215 or PHI 240	Any	Any	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	UNC-CH	UNCW
One history course selected from HIS 111, HIS 112, HIS 131, HIS 132	HIS 112	Any	Any	Any
One course from ECO 251, ECO 252, POL 120, PSY 150, SOC 210	Any	ECO 251	ECO 251	ECO 251
One additional course from above	Any	Any	ECO 252	Any

At UNC, students must complete both ECO 251 and 252 to receive transfer credit for ECON 101.

At UNCW, ECO 251 required for the Environmental Conservation Concentration only.

**Mathematics (3-4 SHC)**

Durham Tech / UGETC Requirement	NCCU	NCSU	UNC-CH	UNCW
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	UNC-CH	UNCW
One Science course selected from AST 151/A, BIO 110, BIO 111, CHM 151, GEL 111, PHY 110/A.	CHM 151	CHM 151	CHM 151	CHM 151

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

### Foreign Language (3 SHC)

Durham Tech Gen Ed Requirement	NCCU	NCSU	UNC-CH	UNCW
Foreign Language (3 SHC): Choose from American Sign Language, Arabic, French, German, or Spanish. FL 112 Must be taken with accompanying lab. Foreign Language must be at 112 level or higher for Durham Tech requirements.	FL 112	FL 112 required for Durham Tech	FL 211	FL 112 or 211

UNCW requires 3 semesters of a language begun in high school or 2 semesters of a new language. NCSU does not require FL if student took 2 years of the same language in high school.

### 2<sup>nd</sup> Mathematics Course (3-4 SHC)

Durham Tech Gen Ed Requirement	NCCU	NCSU	UNC-CH	UNCW
Choose from MAT 143, MAT 152, MAT 171, MAT 172, or MAT 263. Note: There are prerequisites for these courses that must be met.	Any	MAT 172	MAT 172	MAT 152

### 2<sup>nd</sup> Natural Science Course (4 SHC)

Durham Tech Gen Ed Requirement	NCCU	NCSU	UNC-CH	UNCW
Choose from AST 151/151A, AST 152/152A, BIO 111, 112, BIO 140/140A, CHM 151, CHM 152, GEL 111, GEL 230, PHY 110/110A.	BIO 111	BIO 111	CHM 152	BIO 111

### One Additional Course (3-4 SHC)

Durham Tech Gen Ed Requirement	NCCU	NCSU	UNC-CH	UNCW
One additional course	GEL 111	BIO 112	MAT 271	GEL 111

UNCW does not require GEL 111, but it is the prerequisite to GEL 230, which is required.

## 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	UNC-CH	UNCW
ACA 122 (This course should be taken in the student's first semester.)	ACA 122	ACA 122	ACA 122	ACA 122

### Foreign Language (0-11SHC)

Durham Tech Requirement	NCCU	NCSU	UNC-CH	UNCW
FL 111/181, 112/182, 211 if needed to meet FL prerequisite.	As Needed	As Needed	As Needed	As Needed

### Additional Major Course(s)

Durham Tech Requirement	NCCU	NCSU	UNC-CH	UNCW
Additional college level course(s) to complete the 15 SHC requirement.	BIO 140/A GEO 111 HEA 110 PED 110	MAT 271 PHY 151 PHY 152	CSC 151 or 134 MAT 152 MAT 272	GEL 230 PED 110