

# ASSOCIATE IN SCIENCE GEOLOGY AND GEOSCIENCE

## Course Selection Guide

Updated Summer 2024

### Degrees

- NC Central: [BS in Environmental, Earth, and Geographic Sciences](#)
- NC State: [BS in Geology](#)
- UNC Chapel Hill: [BS in Geologic Sciences, Earth Science Concentration](#)
- UNC Wilmington: [BS in Geology \(Academic Option\)](#)

For more detailed transfer information, refer to the [Transfer Guides](#).

### Jobs Associated with These Degrees

Environmental consultant, geological surveyor, natural history museum curator, environmental field technician, GIS analyst, and, with graduate education, engineer, environmental geologist, geochemist, geophysicist, teacher, paleontologist, petroleum geologist, seismologist, oceanographer, professor.

## General Education – 45 SHC (“Semester Hours of Credit”)

### Universal General Education Transfer Component (UGETC) Courses (34 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) (6 SHC)—Select two courses from separate disciplines

Durham Tech / UGETC Requirement	NCCU	NCSU	UNC-CH	UNCW
One course selected from ART 111, ART 114, ART 115, COM 120, COM 231, DRA 111, MUS 110, MUS 112	COM 231	COM 231	COM 120 or 231	ART 114/115 or MUS
One course selected from ENG 231, ENG 232, ENG 241, ENG 242, PHI 215, PHI 240	ENG 231 or 232	Any	Any	Any

#### Social and Behavioral Sciences (S/BS) (6 SHC)—Select two courses from separate disciplines

Durham Tech / UGETC Requirement	NCCU	NCSU	UNC-CH	UNCW
One course selected from HIS 111, HIS 112, HIS 131, or HIS 132	HIS 112	Any	Any	Any
One course selected from ECO 251, ECO 252, POL 120, PSY 150, or SOC 210	PSY 150	Any	Any	ECO 251

#### Mathematics (8 SHC)—Two courses selected from MAT 171, 172, 263, 271, 272

Durham Tech / UGETC Requirement	NCCU	NCSU	UNC-CH	UNCW
First Course	MAT 171	MAT 171	MAT 171	MAT 171
Second Course	MAT 172	MAT 172	MAT 172	MAT 172

At UNCW, MAT 172 is required for the Durham Tech math sequence.

#### Natural Science (8 SHC)—Two courses selected from BIO 111 and 112; CHM 151 and 152; PHY 151 and 152 or PHY 251 and PHY 252

Durham Tech / UGETC Requirement	NCCU	NCSU	UNC-CH	UNCW
First Course in Sequence	CHM 151	CHM 151	CHM 151	CHM 151
Second Course in Sequence	CHM 152	CHM 152	CHM 152	CHM 152

At NCCU CHM 152 is required for Durham Tech science sequence.

## Additional General Education Transfer Hours (11 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.	FL 112	FL 112 required by Durham Tech	FL 211	FL 112

NCSU does not require FL for this major IF two years of FL were successfully completed in high school.  
UNCW requires 2 semesters of a new language or 3 semesters of a language begun in high school.

### Additional Mathematics/Science Courses (8 SHC)

Durham Tech Gen Ed Requirement	NCCU	NCSU	UNC-CH	UNCW
First Course	BIO 111	MAT 271	MAT 271	MAT 152
Second Course	Any	MAT 272	MAT 272	GEL 111

## Other Required Hours (15 SHC)

Student should consult the specific university's baccalaureate degree plan. 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 (0-8 SHC)

Durham Tech Requirement	NCCU	NCSU	UNC-CH	UNCW
FL 111/181, 112/182 if needed to meet FL requirements	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.	HEA 110 PED 110	CSC 151 PHY 152 or 252	CSC 151 MAT 152  Optional: BIO 111 BIO 112	GEL 230

At UNC Chapel Hill students could choose the BIO 111/112 sequence or Physics, but there is no equivalent physics at Durham Tech.