ASSOCIATE IN SCIENCE
GEOLOGY AND GEOSCIENCE
Course Selection Guide

Updated Summer 2023

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)

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	Any	ART 114/115 or MUS
One course selected from ENG 231, ENG 232, ENG 241, ENG 242, PHI 215, PHI 240	Any	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	Any	Any	Any	Any

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 271	MAT 271	MAT 171
Second Course	MAT 172	MAT 272	MAT 272	MAT 263

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	GEL 111	GEL 111	GEL 111	GEL 111
Second Course	BIO 111	PHY 151 or 251	PHY 151 or 251	PHY 151 or 251

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.	BIO 140/A GEO 111 HEA 110 PED 110	CSC 151 PHY 152 or 252	One of the following: BIO 111, PHY 152 or 252 , or CHM 131/A One of the following: CSC 151, CSC 134, or MAT 152	COM 120 or 231 MAT 152 PHY 152 or 252 PED 110