

**ASSOCIATE IN SCIENCE
CHEMISTRY
Course Selection Guide
Updated Summer 2023**

Degrees

- NC Central: [BS in Chemistry](#)
- NC State: [BS in Chemistry](#) (NC State also offers a BA)
- UNC Chapel Hill: [BS in Chemistry](#) (UNC also offers a BA)
- UNC Greensboro: [BS in Chemistry](#) (UNCG also offers a BA)

Jobs Associated with These Degrees

Lab technician, research chemist, assistant chemist, process chemist, and, with graduate study, chemist, teacher/professor, pharmacist, epidemiologist.

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	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) (6 SHC)—Select two courses from separate disciplines

Durham Tech / UGETC Requirement	NCCU	NCSU	UNC-CH	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	Any	Any
One course selected from ENG 231, ENG 232, ENG 241, ENG 242, PHI 215, PHI 240	Any	PHI 215	Any	Any

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

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

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

Durham Tech / UGETC Requirement	NCCU	NCSU	UNC-CH	UNCG
First Course	MAT 271	MAT 271	MAT 271	MAT 271
Second Course	MAT 272	MAT 272	MAT 272	MAT 272

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	UNCG
First Course in Sequence	CHM 151	CHM 151	CHM 151	CHM 151
Second Course in Sequence	CHM 152	CHM 152	CHM 152	CHM 152

Additional General Education Transfer Hours (11 SHC):

Foreign Language (3 SHC)

Durham Tech Gen Ed Requirement	NCCU	NCSU	UNC-CH	UNCG
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 DTech	FL 211	FL 212

Additional Mathematics/Science Courses (8 SHC)

Durham Tech Gen Ed Requirement	NCCU	NCSU	UNC-CH	UNCG
First Course	BIO 111	MAT 273	MAT 273	BIO 111
Second Course	PHY 151	PHY 251	BIO 111	PHY 251

Other Required Hours (15 SHC)

Students should consult with their 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	UNCG
ACA 122 (This course should be taken in the student's first semester.)	ACA 122	ACA 122	ACA 122	ACA 122

Foreign Language (0-11 SHC)

Durham Tech Requirement	NCCU	NCSU	UNC-CH	UNCG
FL 111/181, 112/182, 211 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	UNCG
Additional college level course(s) to complete the 15 SHC requirement.	CHM 251 CHM 252 HEA 110 PED 110 PHY 152	CHM 251 CHM 252 HUM 110 MAT 285 PHY 252 REL 110	CHM 251 CHM 252 MAT 285	CHM 251 CHM 252 MAT 273 or 285 PHY 252

NCSU particularly recommends taking MAT 285 before transferring.