

**ASSOCIATE IN SCIENCE
STATISTICS**
Course Selection Guide
Updated Spring Summer 2023

Degrees

- ECU: [BS in Mathematics, Statistics Concentration](#) (ECU also offers a BA)
- NC State: [BS in Statistics](#)
- UNC Chapel Hill: [BS in Statistics and Analytics](#)
- UNC Greensboro: [BS in Mathematics with a Concentration in Statistics](#) (UNCG also offers a BA)

Jobs Associated with These Degrees

Data analyst, research assistant, market research, financial analyst, cost estimator, business analyst, sports statistician, database administrator, actuary, or, with further graduate study, statistician, data scientist, researcher, policy analyst, biostatistician, or 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	ECU	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	ECU	NCSU	UNC-CH	UNCG
One course selected from ART 111, ART 114, ART 115, COM 120, COM 231, DRA 111, MUS 110, MUS 112	Any	COM 120 or 231	Any	Any
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	ECU	NCSU	UNC-CH	UNCG
One course selected from HIS 111, HIS 112, HIS 131, or HIS 132	Any	Any	Any	Any
One course selected from ECO 251, ECO 252, POL 120, PSY 150, or SOC 210	Any	Any	Any	Any

At UNC, students must take both ECO 251 and 252 in order to transfer with ECON 101 credit.

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

Durham Tech / UGETC Requirement	ECU	NCSU	UNC-CH	UNCG
First Course	MAT 172	MAT 172	MAT 172	MAT 172
Second Course	MAT 271	MAT 271	MAT 271	MAT 271

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

Durham Tech / UGETC Requirement	ECU	NCSU	UNC-CH	UNCG
First Course in Sequence	Any	Any	Any	Any

Durham Tech / UGETC Requirement	ECU	NCSU	UNC-CH	UNCG
Second Course in Sequence	Second in Sequence	Second in Sequence	Second in Sequence	Second in Sequence

Additional General Education Transfer Hours (11 SHC)

Foreign Language (3 SHC)

Durham Tech Gen Ed Requirement	ECU	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. Foreign Language must be at 112 level or higher for Durham Tech requirements. See Foreign Language requirement, below.	FL 212	FL 112 required by Durham Tech	FL 211	FL 112

At NCSU students do not need FL if they took two years of the same language in HS.

Additional Mathematics/Science Courses (8 SHC)

Durham Tech Gen Ed Requirement	ECU	NCSU	UNC-CH	UNCG
First Course	MAT 272	MAT 272	MAT 272	MAT 272
Second Course	MAT 273	MAT 273	MAT 273	MAT 273

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	ECU	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	ECU	NCSU	UNC-CH	UNCG
FL 111/181, 112/182, 211 if needed to meet FL prerequisites	As Needed	As Needed	As Needed	As Needed

Additional Major Course(s)

Durham Tech Requirement	ECU	NCSU	UNC-CH	UNCG
Additional college level course(s) to complete the 15 SHC requirement.	HEA 110 MAT 280 MAT 285	HUM110 MAT 152 MAT 280	CSC 151 MAT 152 MAT 280	CSC 151 MAT 280