ASSOCIATE IN SCIENCE
COMPUTER SCIENCE
Course Selection Guide
Updated Fall 2024

Degrees

- NC A&T: BS in Computer Science
- NC State: BS in Computer Science, General Concentration
- UNC Chapel Hill: BS in Computer Science (UNC also offers a BA)
- UNC Charlotte: BS in Computer Science (UNCC also offers a BA)

For more detailed transfer information, refer to the Transfer Guides.

Jobs Associated with These Degrees

Software developer, web developer, mobile app developer, quality assurance engineer, IT project manager, user experience researcher, product manager, data scientist, cybersecurity analyst, database administrator, video game developer

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	NCA&T	NCSU	UNC-CH	UNCC
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)

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

Social and Behavioral Sciences (S/BS) (6 SHC)

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

Mathematics (8 SHC)

Durham Tech / UGETC Requirement	NCA&T	NCSU	UNC-CH	UNCC
Two courses selected from MAT 171, 172, 263, 271, 272	MAT 171	MAT 171	MAT 171	MAT 171
Second Course	MAT 172	MAT 172	MAT 172	MAT 172

At UNCCH and UNCC, MAT 272 is required for the BS only. UNCC requires MAT 263 for the BA.

Natural Science (8 SHC)

Durham Tech / UGETC Requirement	NCA&T	NCSU	UNC-CH	UNCC
Choose from BIO 111 and 112; CHM 151 and 152; PHY 151 and 152; or PHY 251 and PHY 252	PHY 251	PHY 251	CHM 151	Any
Second Course in Sequence	PHY 252	PHY 252	CHM 152	2nd in Sequence

Additional General Education Transfer Hours (11 SHC)

Foreign Language (3 SHC)

Durham Tech Gen Ed Requirement	NCA&T	NCSU	UNC-CH	UNCC
Foreign Language (3 SHC): Choose from American Sign Language, Arabic, French, German, or Spanish. FL 112 Must be taken with accompanying lab.	FL 112 required by DTCC	FL 112 required by DTCC	FL 211	FL 112 required by DTCC

NCSU does not require FL for this major if two years of FL were successfully completed in high school.

Additional Mathematics/Science Courses (8 SHC)

Durham Tech Gen Ed Requirement	NCA&T	NCSU	UNC-CH	UNCC
First Course	MAT 271	MAT 271	MAT 271	MAT 271
Second Course	MAT 272	MAT 272	MAT 272	MAT 272

UNCH requires MAT 273 for the BS only and MAT 152 for the BA only. UNCC requires MAT 271 and 272 for the BS only and MAT 263 and MAT 152 for the BA only.

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	NCA&T	NCSU	UNC-CH	UNCC
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	NCA&T	NCSU	UNC-CH	UNCC
FL 111/181, 112/182, 211to meet FL prerequisites.	As Needed	As Needed	As Needed	As Needed

Additional Major Course(s)

Durham Tech Requirement	NCA&T	NCSU	UNC-CH	UNCC
Additional college level course(s) to complete the 15-semester hour credit (SHC) requirement.	CHM 151 EGR 150 CSC 134 or 151 MAT 273 MAT 285	AST 151/A or BIO 110 CHM 151 CSC 151 MAT 273 MAT 280	CSC 134 or 151 CSC 249 MAT 273 MAT 280	CSC 151 CSC 249 CSC 251 MAT 280

UNCCH and UNCC require MAT 280 for the BS only.

UNC Chapel Hill does not allow direct admission into the computer science major. Students must start in the College of Arts and Sciences and then apply to the computer science major once at UNC Chapel Hill.