

**ASSOCIATE IN SCIENCE
PUBLIC HEALTH SCIENCE
Course Selection Guide**
Updated Summer 2025

Degrees

- ECU: [BS in Public Health, Pre-Health Professions Concentration](#)
- UNC Charlotte: [BS in Public Health](#)
- UNC Chapel Hill: [BS in Public Health, Environmental Health Science Concentration](#)
- UNC Wilmington: [BS in Public Health, Pre-Clinical Concentration](#)

Note that the Associate in Arts plan of study would work better for UNCC and UNCW.
For more detailed transfer information, refer to the [Transfer Guides](#).

Jobs Associated with These Degrees

Health educator, infection control specialist, environmental health specialist, laboratory technician, genetic counselor, health care administrator, emergency management specialists, or, with graduate study, physician, epidemiologist, biostatistician, or public health researcher.

**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	UNCC	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	ECU	UNCC	UNC-CH	UNCW
One course selected from ART 111, ART 114, ART 115, COM 120, COM 231, DRA 111, MUS 110, MUS 112	Any	COM 231	COM 231	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	UNCC	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	Any

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

*Required for the AS degree

Durham Tech / UGETC Requirement	ECU	UNCC	UNC-CH	UNCW
First Course	MAT 171	MAT 171	MAT 171	MAT 171
Second Course	MAT 172*	MAT 172*	MAT 172	MAT172*

*MAT 172 required for the Associate in Science.

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

*Required for the AS degree

Durham Tech / UGETC Requirement	ECU	UNCC	UNC-CH	UNCW
First Course in Science Sequence	CHM 151	BIO 111	CHM 151	BIO 111
Second Course	CHM 152	BIO 112*	CHM 152	BIO 112*

*BIO 112 is required for the Associate in Science.

Additional General Education Transfer Hours (11 SHC)

Foreign Language (3 SHC)

Durham Tech Gen Ed Requirement	ECU	UNCC	UNC-CH	UNCW
Foreign Language (3 SHC): Choose from American Sign Language, Arabic, French, German, or Spanish.	FL 112 required by Durham Tech	FL 112 required by Durham Tech	FL 211	FL 112 required by Durham Tech

Additional Mathematics/Science Courses (8 SHC)

Durham Tech Gen Ed Requirement	ECU	UNCC	UNC-CH	UNCW
First Course	BIO 111	Any	BIO 111	CHM 151
Second Course	MAT 152	MAT 152	MAT 271	Any

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	UNCC	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 (4-8 SHC)

Durham Tech Requirement	ECU	UNCC	UNC-CH	UNCW
FL 111/181, 112/182– (4-8 SHC): If student has not met the prerequisite for the 211-level of Arabic, French, German, or Spanish. (Prerequisite for FL 111 is DRE 098.)	As Needed	As Needed	As Needed	As Needed

Additional Major Course(s)

Durham Tech Requirement	ECU	UNCC	UNC-CH	UNCW
Additional college level course(s) to complete the 15 SHC requirement.	BIO 155 BIO 163 BIO 275 HEA 110 SOC 210	COM 120	COM 120 CSC 134 MAT 272	BIO 168 BIO 169

Suggested Two-Year Plan Associate in Science Students Planning to Major in Public Health Science

For more detailed information from specific universities, consult the [Transfer Guides](#). Some students may need to complete developmental co-or prerequisites; others may place out of coursework based on transfer credit, AP/IB credit, or previous foreign language experience. Shaded boxes indicate pre-major coursework.

Year 1 at Durham Technical Community College					
Semester 1		Semester 2		Summer	
ACA 122	1	ENG 112	3		
ENG 111	3	Foreign Language 112/182	4		
Foreign Language 111/181	4	MAT 172	4		
MAT 171	4	BIO 111	4		
CHM 151	4				
TOTAL HOURS	16	TOTAL HOURS	15		

Year 2 at Durham Technical Community College					
Semester 3		Semester 4		Summer	
MAT 152 or 271	4	ECO 251, ECO 252, POL 120, PSY 150, or SOC 210	3		
BIO 112 or CHM 152	4	PHI 215, 2400 or ENG 231, 232, 241, 242	3		
HIS 111, 112, 131,132	3	COM 231	3		
Elective	3	Elective	3		
		Elective	3		
TOTAL HOURS	14	TOTAL HOURS	15		

Total hours required for the degree: 60.