

**ASSOCIATE IN SCIENCE  
ANIMAL SCIENCE  
Course Selection Guide  
Updated Summer 2025**

## Degrees

- NC A&T: [BS in Animal Science](#)
- NC State: [BS in Animal Science, Veterinary Bioscience Concentration](#)

For more detailed transfer information, refer to the [Transfer Guides](#).

Requirements vary widely between concentrations in this major, so see the [Baccalaureate Degree Plans](#) for details. This plan follows the pre-veterinarian concentrations.

## Jobs Associated with These Degrees

Animal biotechnology, animal care specialist, veterinary technician, animal trainer, laboratory assistant, Cooperative Extension agent, agricultural researcher, government regulator, animal breeder, food processing technologist. Students also go on for advanced study in veterinary or human medicine, physiology, reproduction, nutrition, and genetics.

## 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
ENG 111 Writing & Inquiry	ENG 111	ENG 111
ENG 112 Writing/Research in the Disciplines	ENG 112	ENG 112

### Humanities/Fine Arts (H/FA) (6 SHC)

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

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

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

### Mathematics (8 SHC)

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

### Natural Science (8 SHC)

Durham Tech / UGETC Requirement	NCA&T	NCSU
Choose from BIO 111 and 112; CHM 151 and 152; PHY 151 and 152; or PHY 251 and PHY 252	CHM 151	CHM 151
Second Course in Sequence	CHM 152	CHM 152

## Additional General Education Transfer Hours (11 SHC)

### Foreign Language (3 SHC)

Durham Tech Gen Ed Requirement	NCA&T	NCSU
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

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
First Course	BIO 110 or 111	BIO 111
Second Course	MAT 152	BIO 112

## 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
ACA 122 (This course should be taken in the student's first semester.)	ACA 122	ACA 122

### Foreign Language (0-11 SHC)

Durham Tech Requirement	NCA&T	NCSU
FL 111/181, 112/182, 211to meet FL prerequisites.	As Needed	As Needed

### Additional Major Course(s)

Durham Tech Requirement	NCA&T	NCSU
Additional college level course(s) to complete the 15-semester hour credit (SHC) requirement.	BIO 275 CHM 251 MAT 172* PHY 151 PHY 152	MAT 152 MAT 172* PHY 151 PHY 152

\*MAT 172 is required as a prerequisite for PHY 151.

## Suggested Two-Year Plan Associate in Science Students Planning to Major in Animal 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	ECO 251 or PSY 150	3
ENG 111	3	Foreign Language 112/182	4		
Foreign Language 111/181	4	MAT 172	4		
MAT 171	4	CHM 152	4		
CHM 151	4				
TOTAL HOURS		16	TOTAL HOURS	15	

Year 2 at Durham Technical Community College					
Semester 3		Semester 4		Summer	
BIO 111	4	MAT 263	4		
PHY 151	4	PHY 152	4		
COM 231	3	PHI 240	3		
HIS 111, 112, 131,132	3	MAT 152	4		
TOTAL HOURS		14	TOTAL HOURS	15	

Total hours required for the degree: 60.