

NC Community College Four-Year Pathway Plan

Schedule for Full-Time Students

Pursuing AS Degree & transfer into Animal Science: Veterinary Bioscience (BS) at NCSU.
(Placed Out Of All Developmental Courses)

North Carolina Community College classes are listed below in bold with the NC State degree requirements fulfilled listed next to the classes.

North Carolina State University **strongly recommends** students complete their Associate's degree prior to transferring to NCSU. Pathways are structured for students who have completed all requirements for their Associate's degree and [qualify for the CAA](#).

NC COMMUNITY COLLEGE FIRST YEAR				
Fall Semester	Credit		Spring Semester	Credit
ENG 111 - ENG 101: Academic Writing and Research	3		ENG 112 - GEP Requirement	3
MAT 171 – MA 107, Departmental Requirement	4		MAT 263 – MA 121, Elements of Calculus	4
BIO 111 – BIO 183: Cellular/Molecular Biology	4		CHM 151 – CH 101: General Chemistry I, CH 102: General Chemistry I Lab	4
ECO 251 – EC 201, Departmental Economics Requirement	3		BIO 112 – BIO 181: Ecology, Evolution & Biodiversity	4
ACA 122 - Free Elective	1		TOTAL CREDIT HOURS	15
TOTAL CREDIT HOURS	15			

Students must take ACA 122 in the first or second semester.

NC COMMUNITY COLLEGE SECOND YEAR				
Fall Semester	Credit		Spring Semester	Credit
COM 231 – COM 110, Communications Requirement	3		PSY 150 – PSY 200, GEP Social Science	3
CHM 152 – CH 201/202: Quantitative Chemistry & Lab	4		PHY 152 – PY 212: College Physics II	4
PHY 151 – PY 211: College Physics I	4		SOC 210 – SOC 202, GEP Additional Breadth	3
HIS 111 – HI 207, GPE Humanities Requirement	3		PHI 240 – PHI 221, Humanities GEP Requirement	3
HUM 110 – STS 214, GEP Interdisciplinary Perspectives	3		TOTAL CREDIT HOURS	13
TOTAL CREDIT HOURS	17			

THIS SHEET IS FOR ADVISING PURPOSES ONLY. Students should work with their Advisor to determine course selections that will result in the greatest transferrable credit, for the intended program, upon transfer to the four-year school.

Note 4-semester outline based upon no pre-requisites classes required.

- Students should seek academic advising to determine the best courses and sequence to meet their educational goals and degree requirements.
- Following the Pathway to Degree does not guarantee admission to NC State University or guarantee an AA degree or BA degree will be conferred.
- Please refer to NC State Undergraduate Admissions for more information on admission to NC State and the transfer of credits to NC State: <http://admissions.ncsu.edu/transfer-students/>

NC STATE UNIVERSITY

Schedule of Courses for the Animal Science: Veterinary Bioscience (BS) (11ANSCBS-11ANSCVET)

Before applying please consult the [Transfer Admission Review Standards](#) for admission into the College of Agriculture and Life Science.

NC STATE JUNIOR YEAR			
Fall Semester	Credit		Spring Semester
ALS 303: Transfer Transitions/Diversity in ALS	1		ANS 150/151: Intro to Animal Science & Lab
ANS 205: Physiology of Domestic Animals	3		ANS 220/221: Reproductive Physiology & Lab
ANS 206: Anatomy of Domestic Animals Lab	1		CH 223/224: Organic Chemistry II & Lab
ANS Elective	3		ST 311: Intro to Statistics
ANS 230/231: Animal Nutrition & Lab	4		TOTAL CREDIT HOURS
CH 221/222: Organic Chemistry I & Lab	4		15
TOTAL CREDIT HOURS	16		
NC STATE SENIOR YEAR			
Fall Semester	Credit		Spring Semester
GN 311: Principles of Genetics	4		ANS Discipline Elective
ANS Discipline Elective	3		ANS Management Elective
ANS Elective	2		MB 351/352: Microbiology & Lab
Free Electives	4		BCH 351 or 451: Biochemistry
TOTAL CREDIT HOURS	13		Free Elective
			3
			17
Minimum Credit Hours Required for Graduation:			121
Hours Remaining in NC State Degree:			61