

NC Community College Four-Year Pathway Plan

Schedule for Full-Time Students
Pursuing AS Degree & transfer into Biological Sciences (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.**

*****This degree pathway requires 1-2 summer courses at NC State after completion of the AS degree. Please see the NC State schedule of courses for more details. Students who do not place into Calculus should speak with a transfer advisor and adjust their plan accordingly*****

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 271 – MA 141, Calculus I	4		MAT 272 – MA 241, Calculus II	4
BIO 111 – BIO 183, Intro to Cellular and Molecular Biology	4		BIO 112 – BIO 181, Intro to Ecology, Evolution, and Biodiversity	4
PSY 150 – PSY 200, GEP Social Science	3		HUM 110 – STS 214, GEP Interdisciplinary Perspectives	3
ACA 122 - Free Elective	1		TOTAL CREDIT HOURS	14
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
PHY 151 – PY 211, College Physics I	4		PHY 152 – PY 212, College Physics II	4
PHI 240 – PHI 221, GEP Humanities	3		MAT 152 – ST 311, Intro to Statistics (Science/Math Elective)	4
POL 120 – PS 201, GEP Social Science	3		COM 231 – COM 110, GEP Requirement	3
BIO 275 – MB 351 and 352, General Microbiology and Lab	4		BIO 168 or 145 – BIO 240, Human Anatomy & Physiology; or PB 360 and 365, Ecology and Lab (Major Elective)	4
BIO 150 – GN 301, Genetics in Human Affairs (Science/Math Elective)	3		TOTAL CREDIT HOURS	15
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.

NC STATE UNIVERSITY

Schedule of Courses for the Biological Sciences (BS) (17BIOSCBS)

Before applying please consult the [Transfer Admission Review Standards](#) for admission into the College of Sciences.
*****Students will need to complete Chemistry 100, Prep Chemistry, if needed according to Chemistry Placement Test*****

NC STATE JUNIOR YEAR				
Fall Semester	Credit		Spring Semester	Credit
BSC 303 – Transfer Student Transitions	1		CH 221 – Organic Chemistry I	3
CH 101 – Molecular Chemistry	3		CH 222 – Organic Chemistry I Lab	1
CH 102 – Molecular Chemistry Lab	1		GN 311 – Principles of Genetics	4
Physiology	3		GN 312 – Elementary Genetics Lab	1
Free Electives	6		Advanced Writing	3
TOTAL CREDIT HOURS	14		TOTAL CREDIT HOURS	12

Summer Semester: Select an appropriate Science/Math Elective Course (4) credit hours

NC STATE SENIOR YEAR				
Fall Semester	Credit		Spring Semester	Credit
CH 223 – Organic Chemistry II	3		BCH 351 – General Biochemistry	4
CH 224 – Organic Chemistry II Lab	1		CH 201 – Quantitative Chemistry	3
Learning Experience	3		CH 202 – Quantitative Chemistry II	1
Life Science Elective	4		Life Science Elective	4
Life Science Elective	3		Free Elective	3
TOTAL CREDIT HOURS	14		TOTAL CREDIT HOURS	15

Minimum Credit Hours Required for Graduation:	120
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Hours Remaining in NC State Degree:	59
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- 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: <https://admissions.ncsu.edu/apply/transfers>