

NC Community College Four-Year Pathway Plan

Schedule for Full-Time Students
Pursuing AS Degree & transfer into Computer Science (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 2 summer courses at NC State after completion of the AS degree. Please see the NC State schedule of courses for more details.*****

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
CHM 151 – CH 101: General Chemistry I, CH 102: General Chemistry I Lab	4		CHM 152 – CH 201/2: Quantitative Chemistry & Lab	4
ECO 251 – EC 201, Departmental Economics Requirement	3		PHY 251 – PY 205 & PY 206	4
ACA 122 - Free Elective	1		EGR 150 – Departmental Substitution for E 101	2
TOTAL CREDIT HOURS	15		TOTAL CREDIT HOURS	17

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

NC COMMUNITY COLLEGE SECOND YEAR				
Fall Semester	Credit		Spring Semester	Credit
PHY 252 – PY 208 & PY 209	4		PSY 150 – PSY 200, GEP Social Science	3
ENG 231 – ENG 265, GEP Humanities	3		COM 231 – COM 110, GEP Humanities	3
MAT 273 – MA 242, Calculus III	4		CSC 148/151 – Departmental Substitute for CSC 116	3
DFT 170 – GC 120, GEP Requirement	3		MAT 280 – MA 305, Linear Algebra	3
HUM 110 – STS 214, GEP Interdisciplinary Perspectives	3		TOTAL CREDIT HOURS	12
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 AS degree or BS 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 Computer Science (BS) (14CSCBS)

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

*****Students will need to complete both CSC 216 and CSC 226 (6 hours total credit) at NC State summer school before matriculating in the Fall. *****

NC STATE JUNIOR YEAR				
Fall Semester	Credit		Spring Semester	Credit
E 115: Intro to Computing Environments	1		CSC 246: Concepts and Facilities of O/S	3
CSC 230: C/Software Tools	3		CSC 333: Automata, Grammars, and Computability	3
CSC 316: Data Structures/CSC	3		CSC 326: Software Engineering	3
CSC 236: Computer Organization and Assembly	3		CSC 379: Ethics in Computing	1
ST 370: Probability and Statistics for Engineers	3		ENG 331: Communication for Engineering & Technology	3
TOTAL CREDIT HOURS	13		Free Elective	4
			TOTAL CREDIT HOURS	17

NC STATE SENIOR YEAR				
Fall Semester	Credit		Spring Semester	Credit
CSC Restricted Elective	3		CSC Restricted Elective	3
Other Restricted Elective	3		CSC 492	3
CSC Restricted Elective	3		Other Restricted Elective	3
CSC Restricted Elective	3		Other Restricted Elective	3
TOTAL CREDIT HOURS	12		TOTAL CREDIT HOURS	12

Minimum Credit Hours Required for Graduation:	123
Hours Remaining in NC State Degree:	60