

**NC Community College Four-Year Baccalaureate Degree Plan**  
 Schedule for Full-Time Students Revised Fall 2021  
 Pursuing AS Degree & transfer into Computer Science (BS) at NCSU.  
 (Placed Out Of All Developmental Courses)

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](#). Students should consult both a community college advisor and the [NC State College of Engineering](#) before beginning this curricula.

<b>Community College First Semester</b>			
<b>NC CC Course</b>	<b>Hours</b>	<b>NC State Equivalent</b>	<b>Notes</b>
ENG 111	3	ENG 101	ENG 101, University Writing Requirement
MAT 271	4	MA 141	Calculus I, Major Requirement
CHM 151	4	CH 101 & CH 102	General Chemistry I/Lab, Major Requirement
ECO 251	3	EC 201	Microeconomics, Major Economics Requirement
ACA 122	1	TR ***	Transfer Credit
<b>TOTAL</b>	15 credit hours		

<b>Community College Second Semester</b>			
<b>NC CC Course</b>	<b>Hours</b>	<b>NC State Equivalent</b>	<b>Notes</b>
ENG 112	3	ENG 1**	ENG 111 + ENG 112 = ENG 101 + ENG 1**
MAT 272	4	MA 241	Calculus II, Major Requirement
PHY 251	4	PY 205 & PY 206	Physics I/Lab, Major Requirement
EGR 150	2	E ***	Engineering Elective, Departmental Substitution for E 101
GEL 111	4	MEA 110/MEA 111	Basic Science Elective (CC courses CHM 152, BIO 110, BIO 111 also fulfill this requirement)
<b>TOTAL</b>	17 credit hours		

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- Following the Baccalaureate Degree Plan 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/>

Community College Third Semester			
NC CC Course	Hours	NC State Equivalent	Notes
MAT 273	4	MA 242	Calculus III, Major Requirement
PHY 252	4	PY 208 & PY 209	Physics II/Lab, Major Requirement
HUM 110	3	STS 214	GEP Interdisciplinary Perspectives, Dept. Recommendation
DFT 170	3	GC 120	GEP Requirement, Departmental Recommendation
UGETC HUM	3	Varies	Recommended: ENG 231 or 232, PHI 215, PHI 240
TOTAL	17 credit hours		

Community College Fourth Semester			
NC CC Course	Hours	NC State Equivalent	Notes
MAT 280	3	MA 305	Linear Algebra, Major Requirement
CSC 148 or 151	3	CSC 116	Intro to JAVA, Major Requirement
COM 231	3	COM 110	Public Speaking (may choose other appropriate UGETC Humanities or Fine Arts)
PSY 150/SOC 210	3	PSY 200/SOC 202	May choose other UGETC SS based on academic or professional interests
TOTAL	12 credit hours		

### Recommendations for Competitive Applicants & Program Notes:

NC State Undergraduate Admissions employs a holistic approach in reviewing transfer students' applications and considers a range of accomplishments and qualifications. Recommended courses and GPA are major critical path courses or departmental recommendations and are not minimum requirements for transfer admissions.

- > Minimum 3.0 cumulative GPA
- > English Composition I & II equal to NC State's ENG 101
- > 8 semesters Calculus equal to NC State's MA 141 & MA 241
- > Calculus-based Physics equal to NC State's PY 205 & 206
- > General Chemistry & Lab equal to NC State's CH 101 & 102
- > Please contact the College of Engineering at 919-515-3263 or [engineering@ncsu.edu](mailto:engineering@ncsu.edu) for additional requirements and recommendations

# NC STATE UNIVERSITY

## Schedule of Courses for the Computer Science (BS) (14CSCBS)

Junior Fall		Junior Spring	
CSC 216: Software Development	3 hours	CSC 230: C & Software Tools	3 hours
CSC 217: Software Development Lab	1 hour	ST 370: Statistics/Probability for Engr.	3 hours
CSC 226: Discrete Mathematics/CSC	3 hours	CSC 316: Data Structures/Algorithms	3 hours
CSC 379: Ethics in Computing	1 hours	Other Restricted Elective1	3 hours
E 115: Intro Computing Environments	1 hour	CSC 333: Automata/Grammars/Comp.	3 hours
ENG 331: Comm. For Engr/Tech	3 hours		
Free Elective	3 hours		
<b>Total Hours</b>	<b>15 hours</b>	<b>Total hours</b>	<b>15 Hours</b>

Senior Fall		Senior Spring	
CSC 236: Org/Assembly Language	3 hours	CSC 492: Senior Design Projects	3 hours
CSC 246: Concepts/Facilities of OS	3 hours	CSC Restricted Elective1	3 hours
CSC 326: Software Engineering	4 hours	CSC Restricted Elective1	3 hours
CSC Restricted Elective1	3 hours	Other Restricted Elective1	3 hours
CSC Restricted Elective1	3 hours	Other Restricted Elective1	3 hours
<b>Total Hours</b>	<b>15 hours</b>	<b>Total Hours</b>	<b>15 Hours</b>

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