NC Community College Four-Year Baccalaureate Degree Plan

Schedule for Full-Time Students Revised Spring 2023
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. **The BS in Computer Science requires a 5th year at NC State and students who need full-time hours may wish to consider a minor or double major if they need to be full time (at least 12 credit hours). The BS in Computer Science may be completed in 4 years if classes are taken during the *summer* before starting their Junior year at NC State. We strongly recommend that students consult with NC State Computer Science academic advising. For more information please see:** https://www.csc.ncsu.edu/academics/undergrad/advising/.

Community College First Semester			
NC CC Course	**Hours**	**NC State Equivalent**	**Notes**
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
TOTAL	15 credit hours		

Community College Second Semester			
NC CC Course	**Hours**	**NC State Equivalent**	**Notes**
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)
TOTAL	17 credit hours		

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. **Following the Baccalaureate Degree Plan does not guarantee admission to NC State University or guarantee an AS degree or BS degree will be conferred.**

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 151	3	CSC 1**	Engineering students may receive credit for CSC 116 upon passing a module exam. Contact an NC State advisor for more information.
COM 231	3	COM 110	Public Speaking, GEP Humanities (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:

> Minimum 3.0 cumulative GPA (Some COE programs require a minimum 3.5 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 for additional requirements and recommendations

NC STATE UNIVERSITY

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

Junior Fall		Junior Spring	
CSC 216	3	CSC 230	3
CSC 217	1	CSC 316	3
CSC 226	3	CSC 333	3
E 115	1	ST 370	3
TOTAL HOURS	**8**	**TOTAL HOURS**	**12**

The summer between Junior and Senior year may be used to retake classes to ensure timely completion of the degree program.

Senior Fall		Senior Spring	
CSC 246	3	CSC 326	4
CSC Restricted Elective	3	CSC 379	1
ENG 331	3	CSC Restricted Elective	3
Other Restricted Elective	3	Other Restricted Elective	3
TOTAL HOURS	**12**	**TOTAL HOURS**	**11**

5th Year Fall		5th Year Spring	
CSC Restricted Elective	3	CSC 492: Senior Design Projects	3
Other Restricted Elective	3	CSC Restricted Elective	3
Free Elective	3	Other Restricted Elective	3
TOTAL HOURS	**9**	**TOTAL HOURS**	**9**

Computer Science Placement

Students should consider taking the CSC course at their community college that most closely aligns with the learning outcomes for CSC 116 - Introduction to Computing - Java. This may be CSC 151 or CSC 251 depending on the specific institution. NC State Computer Science offers a placement exam (starting Summer 2023) for students transferring from North Carolina Community Colleges to determine appropriate placement into our introductory course sequence.

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- 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