

NCSU Computer Science

(Unofficial Community Colleges to NCSU Curriculum)

Degree Earned: NCSU Bachelor of Science in Computer Science

Transfer GPA = 3.5

Effective: 2018

Grey Highlighted Courses – Take Courses at NCSU

FRESHMAN YEAR

Fall Semester		Credit	Spring Semester		Credit
CHM 151	CH 101 Chemistry -- A Molecular Science	3	CSC 151	CSC 116 Intro to Computing Java	3
CHM 151	CH 102 General Chemistry Lab	1	MAT 272	MA 241 Calculus II	4
EGR 150	E 101 Intro to Engr & Problem Solving	1	PHY 251	PY 205/PY 206 Physics for Engr & Science I	4
NCSU	E 115 Intro to Computing Environments	1	ECO 251	EC 205 Fundamentals of Economics OR EC 201 or ARE 201 (GEP Social Sciences)	3
ENG 111 & ENG 112	ENG 101 Academic Writing & Research	4	NCSU	E 102 Engineering in the 21 st Century	2
MAT 271	MA 141 Calculus I	4			
14			16		

SOPHOMORE YEAR

Fall Semester		Credit	Spring Semester		Credit
NCSU	CSC 216 Programming Concepts – Java	4	NCSU	CSC 230 C and Software Tools	3
NCSU	CSC 226 Discrete Mathematics for CSC	3	NCSU	CSC 316 Data Structures for CSC	3
MAT 273	MA 242 Calculus III	4	MAT 280	MA 305 Elementary Linear Algebra	3
PHY 252	PY 208/PY 209 Physics for Engr & Science II	4		GEP Requirement	3
PED 110	Health and Exercise Studies Course	1	BIO 111 or CHM 152	Basic Science Elective	3
16			15		

JUNIOR YEAR

Fall Semester		Credit	Spring Semester		Credit
EGR 212	CSC 236 Computer Organization and Assembly Language for Computer Scientists	3	NCSU	CSC 326 Software Engineering	4
NCSU	CSC 246 Operating Systems for CSC	3	NCSU	CSC 379 Ethics in Computing	1
NCSU	CSC 333 Automata, Grammar and Computability	3	NCSU	CSC Restricted Elective	3
NCSU	ST 370 Probability & Statistics for Engrs	3	NCSU	ENG 331 Communication for Engr & Tech	3
	GEP Requirement	3	PED 110	Health and Exercise Studies Course	1
			NCSU	Other Restricted Elective	3
15			15		

SENIOR YEAR

Fall Semester		Credit	Spring Semester		Credit
NCSU	CSC Restricted Elective	3	NCSU	CSC 492 Senior Design Project	3
NCSU	CSC Restricted Elective	3	NCSU	CSC Restricted Elective	3
HUM 110	GEP Requirement	3	NCSU	Other Restricted Elective	3
	GEP Requirement	3		GEP Requirement	3
NCSU	Other Restricted Elective	3	CSC 134, MAT 285	Free Elective	3
15			15		

NCSU - Minimum Credit Hours Required for Graduation in Computer Science

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