

Degree Requirements	Required Credits	CCAF Transfer Credit/other credit	Institution Credit Requirements
Major / Concentration	73	9	64
Computer Science Courses: CSC 120 – Introduction to Programming Methodology CSC 130 - Program Design and Implementation CSC 201 - Computer Organization and Architecture I CSC 207 - Symbolic Programming CSC 220 - Data Structure/Algorithms CSC 270 - Networking Basics CSC 303 - Computer Organization and Architecture II CSC 320 - Design and Analysis of Algorithms CSC 322 – Programming Languages CSC 323 – Principles of Database Design CSC 351 – Computer Ethics and Service Learning CSC 431 – Operating Systems I CSC 470 – Software Engineering CSC 490 – Senior Project Three credits from CSC 200 or higher Three credits from CSC 300 or higher Three credits from CSC 400 or higher Select one: CSC 202 – Object Oriented Programming in C/C++ CSC 204 – Object Oriented Programming in Java	56	9	47
MATHEMATICS and STATISTICS: MATH 142 – Calculus with Analytic Geometry I MATH 150 – Discrete Mathematics I MATH 241 – Calculus with Analytic Geometry II MATH 251 – Linear Algebra STAT 270 – Probability and Statistics in Computer Science	17	0	17
General Education	39	17	22
<u>Written Composition (3 credits):</u> ENGL 110 – English Composition I	3	3	0
<u>Information Literacy (3 credits):</u> ENGL 120 – English Composition II	3	0	3
<u>Oral Communication (3 credits):</u> SPEE 200 – Introduction to Speech (or) BADM 215 – Business Communications	3	3	0

<p><u>Mathematics (3 credits):</u></p> <p>MATH 129 – Precalculus Mathematics I and MATH 130 – Precalculus Mathematics II</p> <p>OR</p> <p>MATH 131 – Algebra and Trigonometry</p>	3	3	0
<p><u>Social Science:</u></p> <p>CRJC 210 – Introduction to Criminology ECON 211 – Principles of Macroeconomics ECON 212 – Principles of Microeconomics GEOG 210 – Principles of Geography HIST 212 – The United States since 1865 HIST 271 – Environmental History POLI 200 – Introduction to Political Science POLI 210 – Principles of American Government POLI 220 – Principles of Public Administration ENEC 270/POLI 270 – Climate Change and Public Policy PSYC 210 – General Psychology SOCI 210 – Principles of Sociology</p>	3	3	0
<p><u>Humanities and Creative Arts (3 credits):</u></p> <p>ART 210 – Survey of Art COMM 220 – Film & Video Appreciation ENGL 220 – African American Literature I ENGL 223 – African American Literature II ENGL 240 – Introduction to Literature ENGL 250 – Women in Literature ENGL 253 – Images of Women HIST 210 – African American History HUMN 211 – Humanities: Music, Art, and Ideas I HUMN 212 – Humanities: Music, Art, and Ideas II HUMN 213 – Humanities: Pop Culture HUMN 215 – Arts in Performance MUSI 210 – Music Appreciation MUSI 225 – A History of Jazz in American Culture MUSI 260 – African American Music PHIL 210 – Introduction to Philosophy RELI 215 – Introduction to the Bible THEA 203 – Introduction to Theatre</p>	3	3	0
<p><u>Transitional Studies (2 credits):</u></p> <p>UNIV 101 – Freshman Seminar and UNIV 102 – Freshman Seminar II</p>	2	0	2

OR UNIV 110 – University Studies OR UNIV 111 – University Studies for Student Success OR UNIV 112 – University Studies for Early College Students			
<u>Transitional Studies (2 credits):</u>			
HEED 112 – Health and Wellness	2	2	0
<u>Reasoning Skills – Critical Thinking (3 credits)*:</u>			
PHIL 110 – Critical Thinking OR PHIL 220 – Introduction to Logic	3	0	3
<u>Scientific Literacy – Natural Sciences (8 credits):</u>			
BIOL 150 & BIOL 150L and BIOL 160 & BIOL 160L OR CHEM 141 & CHEM 141L and CHEM 161 & CHEM 161L OR PHYS 125 & PHYS 125L and PHYS 126 & PHYS 126L	8	0	8
<u>Global Literacy (3 credits)**:</u>			
ANTH 210 – Introduction to Anthropology ART 150 – Manga and Sequential Art in World Culture ART 215 – Survey of Global Art BADM 210 – Introduction to Global Literacy CHIN 110 – Elementary Chinese I CHIN 120 – Elementary Chinese II	3	0	3

<p>ENGL 211 – World Literature I ENGL 212 – World Literature II FREN 110 – Elementary French I FREN 120 – Elementary French II GEOG 220 – World Regional Geography HIST 110 – World History to 1600 HIST 120 – World History since 1600 HIST 270 – An Introduction to Africa in the World PHIL 211 – Introduction to World Religions POLI 230 – Ethics and Global Affairs SOCI 150 – The Global Society SPAN 110 – Elementary Spanish I SPAN 112 – Spanish for the Professions I SPAN 120 – Elementary Spanish II SPAN 122 – Spanish for the Professions II SPAN 211 – Intermediate Spanish I THEA 242 – Contemporary World Drama YORU 110 – Elementary Yoruba I YORU 120 – Elementary Yoruba II</p>			
<p><u>Ethics and Civic Engagement (3 credits)***:</u></p> <p>BADM 220 – Ethics in a Contemporary World CRJC 203 – Criminal Justice Ethics EDUC 211 – Laboratory Experiences in Area Schools ENGL 225 – Narrative Constructs of Race ENGL 232 – Introduction to Film and Visual Literacy ENGL 233 – Hip Hop: Poetry, Politics, and Pop Culture ETCE 101 – Foundations of Ethics and Civic Engagement ETCE 102 – Intermediate Ethics and Civic Engagement in Action ETCE 103 – Advanced Ethics and Civic Engagement in Action ETCE 200 – Ethics and Civic Engagement in Action GEOG 270 – Environment and Experience HCM 200 – Ethics for Health Professions HIST 211 – The United States to 1865 PHIL 120 – Moral Principles and Contemporary Moral Issues PHIL 212 – African American Philosophy PHIL 250 – Environmental Ethics PNUR 210 – Introduction to Professional Nursing ENEC 210 – Introduction to Sustainability POLI 150 – North Carolina Government and Politics SPTM 210 – Ethics and Moral Reasoning in Sport SWRK 220 – Introduction to Human Services</p>	3	0	3



Electives	8	5	3
<u>Major Electives – Choose One (3 credits)</u>			
MATH 242 – Calculus with Analytic Geometry III MATH 260 – Foundations of Mathematics MATH 300 or higher GEOG 320 – Introduction to Geographic Information Systems**** GEOG 325 – Applied Geographic Information Systems**** CSC 300 – Professional Practice in Computing or higher PHYS 200 or higher STAT 300 or higher	3	0	3
<u>Free Electives (5 credits)</u>	5	5	0
<u>Total Credits Required to Earn Bachelor of Interdisciplinary Studies, B.S.</u>	120	31	89

Notes:

- * Not required for students with 60+ transfer credits. Students do not earn credit if the requirement is waived.
- ** Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if the requirement is waived.
- *** Not required for students with 60+ transfer credits. Students do not earn credit if the requirement is waived.
- **** Students must enroll in the GEOINT certificate program and complete the program to be eligible to have GEOG 320 or GEOG 325 counted towards computer science major requirements.