

## UNC-Charlotte Computer Science

(Unofficial Community Colleges to UNC-Charlotte)

Degree Earned: UNC-Charlotte Bachelor of Science in Computer Science

Transfer GPA = 2.5

Effective: 2016

Grey Highlighted Courses – Take Courses at UNC-Charlotte

### FRESHMAN YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
UNC-C	ITCS 1212/L Intro to Computer Science I (with Lab)	4	UNC-C	ITCS 1213/L Intro to Computer Science II (with Lab)	4
UNC-C	ITCS 1600 Computing Professionals	1	MAT 272	MATH 1242 Calculus II	3
MAT 271	MATH 1241 Calculus I	3	PHI 240	PHIL 1106 Critical Thinking	3
ENG 111	UWRT 1101 Writing & Inquiry in Academic Contexts I	3	ENG 112	UWRT 1102 Writing & Inquiry in Academic Contexts II	3
CHM 151	Natural Science with Lab	4	ART 111, 114, 115, MUS 110	LBST 1100: Arts and Society	3
<b>15</b>					<b>16</b>

### SOPHOMORE YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
UNC-C	ITCS 2214 Data Structures	3	UNC-C	ITCS 2175 Data Structures & Algorithms	3
UNC-C	STAT 2122 Introduction to Probability and Statistics	3	MAT 273 & MAT 280	MATH 2164 Matrices and Linear Algebra	3
HIS 111/112, HUM	LBST 2101 West. Culture & Historical Awareness	3	HIS 111/ 112, HUM 110, REL	LBST 2102 Global and Intercultural Connections	3
UNC-C	ENGL 2116 Intro to Tech Communication	3	PHY 251	XXXX XXXX Science	3
ECO 251	Social Science – General Elective	3	UNC-C	XXXX XXXX Related Work - 1	3
<b>15</b>					<b>15</b>

### JUNIOR YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
UNC-C	ITCS 3181/L Intro to Computer Architecture (with Lab)	4	UNC-C	ITCS 3146 Operating Systems and Networking	3
UNC-C	ITCS 3130 Human Computer Interaction	3	PHI 240	ITIS 2211 Ethical Issues	3
UNC-C	IT IS 2300/L Web-Based Application Development	3	UNC-C	ITCS 3688 Computers and their Impact on Society	3
UNC-C	XXXX XXXX Related Work - 2	3	UNC-C	XXXX XXXX Related Work - 3	3
UNC-C	ITCS 3155 Software Engineering	3	UNC-C	ITCS 3200 Intro to Information Security & Privacy	3
<b>16</b>					<b>15</b>

### SENIOR YEAR

Com College	Fall Semester	Credit	Com College	Spring Semester	Credit
UNC-C	ITIS 4250 Computer Forensics	3	UNC-C	ITIS 4221 Secure Programming & Penetration Testing	3
UNC-C	XXXX XXXX Related Work -4	3	UNC-C	XXXX XXXX Related Work - 5	3
UNC-C	ITIS 3110/L Infrastructure: Design & Practice	3	UNC-C	ITIS 4420 Usable Security & Privacy	3
UNC-C	ITCS 3160 Database Design & Implementation	3	UNC-C	Capstone ITCS 4155, 4650/4651, 4990 or 4991	3
UNC-C	ITIS 4166 Network-Based Application Development	3		Free Elective	1
<b>15</b>					<b>13</b>

**UNC-Charlotte - Minimum Credit Hours Required for Graduation in Computer Science** **120**

\*\* Course selection depends on Concentration. UNC-C offers 5 concentrations: Computing Systems, Game Design & Development, Graphics and Visualization, Intelligent Systems, and Networking and Distributed Systems