BS: Computer Science				Rev. Fall 2017
	NOTE: This 4-year plan should be used in conjunction with regular consultation with an advisor			

Required for Admission to UNCC in Computer Science	**If 24 or more transfer hours**	OR	**If less than 24 transfer hours**	
	2.5 Transfer GPA		Transfer admissions requirements	
	No D's or F's in Computer		AND	
	Science classes		Freshman Admissions Requirements	
See Transfer Requirements on the Office of Undergraduate Admissions web page for more details				

Additional Requirements for Admission to the **upper division** in Computer Science	Completion of ITSC-1212/L, ITSC-1213/L, ITSC-2214, and MATH-1241 (or equivalents) with grade of 'C' or higher

NOTES	***PLEASE NOTE: UNC Charlotte made changes to the General Education first year writing and Liberal Studies requirements effective Fall 2017; therefore, UNC Charlotte General Education requirements and community college UGETC course alignment may vary if the associates degree is not completed. Please review progression requirements with an academic advisor.

Associate of SCIENCE
Courses in BOLD are required for the major

UGETC -- Associate of SCIENCE

Area	Prefix/Number	Course Name	Credits	UNC Charlotte Equivalent	Credits
English Composition (6 CR)					
English Composition	ENG 111	Writing and Inquiry	3	UWRT 1101:	3
	ENG 112	Writing and Research in the Disciplines	3	UWRT 1102:	3
Humanities / Fine Arts (6 CR)					
Arts: (choose ONE)	ART 111	Art Appreciation	3	LBST 1105	3
	ART 114	Art History Survey I		ARTH 1211 (and LBST 1105 exemption)	
	ART 115	Art History Survey II		ARTH 1212 (and LBST 1105 exemption)	
	MUS 110	Music Appreciation		LBST 1103	
	MUS 112	Introduction to Jazz		TRNF 0001 (and LBST 1103 exemption)	
Literature / Philosophy	**PHI 240 or HUM 110**	**Introduction to Ethics**	3	**ITIS 2211 (and LBST 22XX exemption)**	3
Social / Behavioral Science (6 CR)					
Social Science (choose ONE), recommend SOC	ECO 251	Principles of Microeconomics	3	ECON 2102	3
	ECO 252	Principles of Macroeconomics		ECON 2101	
	POL 120	American Government		POLS 1110	
	SOC 210	Introduction to Sociology		SOCY 1101	
History (choose ONE)	HIS 111	World Civilizations I	3	HIST 1120 (and LBST 2101 exemption)	3
	HIS 112	World Civilizations II		HIST 1121 (and LBST 2101 exemption)	
	HIS 131	American History I		HIST 1160 (and LBST 2101 exemption)	
	HIS 132	American History II		HIST 1161 (and LBST 2101 exemption)	
Science with Lab (8 CR)					
Sciences (choose one 8-credit sequence or two 4-credit individual courses	BIO 111 & 112	General Biology I & II	8	BIOL 2120 & BIOL 2130 & BIOL 2140L	8
	CHM 151&152	General Chemistry I & II		CHEM 1251 & 1252 + labs	
	PHY 151 & 152	College Physics I & II		PHYS 1101 & 1102 + labs	
	PHY 251 & 252	General Physics I & II		PHYS 2101 & 2102 + labs	
	AST 151 & 151A	General Astronomy + lab		PHYS 1130 + lab	
	BIO 110	Principles of Biology		BIOL 1110 + lab	
	GEL 111	Introductory Geology		GEOL 1200 + lab	
	PHY 110 & 110A	Conceptual Physics + lab		PHYS 0001 + lab	
Mathematics (8 CR)					
Mathematics (choose TWO)	MAT 172	Pre-Calculus Trigonometry	8	MATH 1103 (3) + lab credit (1)	8
	MAT 271	**Calculus I**		**MATH 1241 (3) + lab credit (1)**	
UGETC Subtotal			34		34

Additional General Education

Global / Cross Cultural (Choose ONE)	ANT 220 or 221	Cultural Anthropology or Comparative Cultures	3	ANTH 0001 (and LBST 2102 exemption)	3
	GEO 111	World Regional Geography		GEOG 1101 (and LBST 2102 exemption)	
	GEO 112	Cultural Geography		GEOG 0001 (and LBST 2102 exemption)	
	POL 210 or 220	Comparative Politics or International Politics		POLS 1130 or POLS 1150 (and LBST 2102 exemption)	
	If **BOTH** HIS 111 AND HIS 112	World Civilizations I & II		HIST 1120 AND HIST 1121 (gives LBST 2101 and 2102 exemption ONLY if both are taken)	
	MAT 272	**Calculus II**	**4**	**MATH 1242 (3) + lab credit (1)**	**4**
	XXX XXX	**Related Work (or ANY minor)****	**6**	**XXXX XXXX**	**6**
Subtotal			13		13

		Lower Division - Courses			
	ACA 122	Academic Transition	1	TRNF 0001	1
	MAT 167	**Logic and Algorithms**	**3**	**ITSC 2175**	**3**
	CSC 120	**Intro to Computer Science II**	**3**	**ITSC 1212**	**3**
	CSC 151	**Intro to Computer Science II**	**3**	**ITSC 1213**	**3**
	CSC 249	**Data Structures and Algorithms**	**3**	**ITSC 2214**	**3**
Pre-major Subtotal			13		13
TOTAL AS Hours			**60**		**60**
NOTES	** **Related Work** is a set of non-Computer Science related courses (or ANY Minor) chosen in an area of interest to the student (e.g. Business, History, Criminal Justice, …). The student should speak with an Academic Advisor about possible options. _Exception:_ Any student who wishes to do their Related Work in Mathematics will need to wait until they transfer to UNC-Charlotte to take these classes.				

BS -- Computer Science UNC Charlotte Courses		
		Credits
Summer Before Junior Year (recommended) at UNC-Charlotte		
XXXX XXXX: Related Work or ANY minor		_6_
Junior Year		
Fall		
ITCS/ITIS/ITSC 3/4XXX: CS Concentration course**		3
ITSC 3155: Software Engineering		3
MATH 2164: Matrices and Linear Algebra		3
ENGL 2116: Intro to Technical Communications		3
PHIL 1106: Critical Thinking		3
XXXX XXXX: Related Work or ANY minor	_Only if not taken in Summer Before Junior Year_	3
Spring		
ITSC 2600: Computing Professionals - TR		1
ITSC 3146: Operating Systems & Networking		3
ITCS/ITIS/ITSC 3/4XXX: CS Concentration course**		3
ITCS/ITIS/ITSC 3/4XXX: CS Concentration course**		3
STAT 2122: Intro to Probability and Statistics		3
XXXX XXXX: Related Work or ANY minor	_Only if not taken in Summer Before Junior Year_	3
		34
Senior Year		
Fall		
ITSC 3181/L: Logic and Computer Systems (+Lab)		4
ITCS/ITIS/ITSC 3/4XXX: CS Concentration course**		3
ITCS/ITIS/ITSC 3/4XXX: CS Concentration course**		3
ITCS/ITIS/ITSC 3/4XXX: CS Concentration course** or CCI Technical Elective		3
XXXX XXXX: Related Work or ANY minor		3
Spring		
ITCS 3688: Computers & Their Impact on Society		3
ITCS/ITIS/ITSC 3/4XXX: CS Concentration course**		3
ITCS/ITIS/ITSC 3/4XXX: CS Concentration course**		3
ITCS/ITIS/ITSC 3/4XXX: CS Concentration course ** or CCI Technical Elective		3
ITCS 4XXX: CS Capstone		3
		31

TOTAL UNCC Hours					**65**
	TOTAL HOURS				**125**
NOTES	** **CS Concentraton Area** is a set of specialized courses chosen by the student in counsultation with an UNC-Charlotte Academic Advisor. Current options include: Artificial Intelligence, Robotics, Gaming, Bioinformatics, Cyber Security, Data Science, Software Systems/Networks, Software Engineering, Web and Mobile Applications.				