

Template for CAA students earning an AS degree								
who are interested in		Computer Science, Option 2: Neuroscience						
at the University of North Carolina Wilmington								
Part I: Complete the AS degree within the NCCCS as outlined.								
Universal General Education Transfer Component								
English Composition (6 SCH)								
Prefix		Course Name	Credit Hours	Pre-requisites	The following two English composition courses are required. UNCW Course Equivalent	Credit Hours	Required by Major	Notes
ENG 111		Writing Inquiry	3		ENG 101	3		Req by CAA
ENG 112		Writing/Research in the Disciplines	3	ENG 111	ENG 201	3		Req by CAA
Total Credit Hours Required			6			6		
Humanities/Fine Arts (6 SCH)								
Prefix		Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Required by Major	Notes
ART 111		Art Appreciation	3	None	ART 001			recommend against
ART 114		Art History Survey I	3	None	ARH 201			
ART 115		Art History Survey II	3	None	ARH 202			
COM 231		Public Speaking	3	None	COM 101			
ENG 231		American Literature I	3	None	ENG 223	3		required by CSC
ENG 232		American Literature II	3	None	ENG 224			rec for US
MUS 110		Music Appreciation	3	None	MUS 115			
MUS 112		Introduction to Jazz	3	None	MUS 116			
select one course from the following						3		
PHI 215		Philosophical Issues	3	ENG 111	PAR 101			
PHI 240		Introduction to Ethics	3	ENG 111	PAR 115			
Total Credit Hours Required			6			6		
Social /Behavioral Science (6 SCH)								
Prefix		Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Required by Major	Notes
ECO 251		Principles of Microeconomics	3	None	ECO 221			
ECO 252		Principles of Macroeconomics	3	None	ECO 222			
HIS 111		World Civilizations I	3	None	HIST 101	3		rec for US
select one course from the following						3		
PSY 150		General Psychology	3	None	PSY 105			
POL 120		American Government	3	None	PLS 101			
SOC 210		Introduction to Sociology	3	None	SOC 105			
Total Credit Hours Required			6			6		
Mathematics (8 SCH)								
Prefix		Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Required by Major	Notes
MAT 171		Precalculus Algebra	4		MAT 111	4		required by CSC
MAT 271		Calculus I	4		MAT 161	4		required by CSC
Total Credit Hours Required			8			8		
Natural Sciences (8 SCH)								
Prefix		Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Required by Major	Notes
BIO 111		General Biology	4		BIO 201	4		Required by CSC for Neuroscience concentration
select one course from the following in addition to BIO 111						4		
BIO 110		Principles of Biology	4		BIO 105			
GEL 111		Introduction Geology	4		GYL 101			
PHY 110/110A		Conceptual Physics and Lab	4		PHY 105			
PHY 151		College Physics I	4		PHY 101			
PHY 152		College Physics II	4	PHY 151	PHY 102			

BIO 112	General Biology II	4	BIO 111	BIO 202			
CHM 151	General Chemistry I	4		CHM 101			
CHM 152	General Chemistry II	4	CHM 151	CHM 102			
PHY 251	General Physic I	4		PHY 201			
PHY 252	General Physics II	4	PHY 251	PHY 202			
Total Credit Hours Required		8			8		
Total UGETC Hours		34			34		
Additional General Education Courses (11 SHC) : These courses must classified as UGETC or general education within the CAA.							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Category	Notes
1 > Hum/Art not taken above		3			3	Rec for US	
1 > SBS not taken above		3			3	Rec for US	
MAT 152	Statistics II	3		QMM 280	3		UGETC
	Foreign Language Course	3		Foreign Language Course	3		foreign language req for US
Total Credit Hours Required		11			12		
Total General Education Hours Required		45			46		
***Recommend that the 45 hours include 1 LDN & 1 LGS; 2 WI & 2 IL						Rec for US	
***Recommend that the 45 hrs include 9 hrs total in Human/Art, including 3 in PHI; and 9 hrs total in SBS, including 3 in HST						Rec for US	
Other REQUIRED HOURS (15-16 SHC): These courses must be classified as pre-major, elective or general education within the CAA.							
Prefix	Course Name	Credit Hours	Pre-requisites	University Course Equivalent	Credit Hours	Category	Notes
ACA 122	College Transfer Success	1		UNI 001	1	GEC	required by CAA
MAT 272	Calculus II	4	MAT 271	MAT 162 Calculus with Analytical Geometry II	4		G-Ed
CHM 151	General Chemistry I	4		CHM 101	4		UGETC
CHM 152	General Chemistry II	4	CHM 151	CHM 102	4		UGETC
	2nd term of Foreign Language Course	3		2nd term of Foreign Language Course	3		foreign language req for US
Other Required Hours (15-16 SCH)		15-16			16		
Total Semester Credit Hours in Program: 60-61					62		

Part II: Complete one of the UNCW Computer Science Degree Plans				
3th -4th Year Plan for BS (Option 2: Neuroscience) Computer Science Degree at UNCW				
Upon completion of the AS degree outlined above, an AS student will have 61 transferable hours toward a BS (Option 2: Neuroscience) Computer Science degree at UNCW. This degree can be completed at UNCW with 63 additional hours in hour semesters as outlined below.				
Semester	Course	Hours	Notes	
5	CSC 131	4	Major Requirement	
5	CSC 133	3	Major Requirement	
5	PSY 256	3	Major Requirement	
5	PED 101	1	Lifetime Wellness Requirement	
5	Third term of a foreign language	3		14
6	CSC 231	4	Major Requirement	
6	CSC 242	3	Major Requirement	
6	CSC 385	3	Major Requirement; IV. BUILDING COMPETENCIES: A. Writing Intensive; IV. BUILDING COMPETENCIES: B. Information Literacy	
6	PSY 456	3	Major Requirement; assuming completion of PSY 256	13
7	CSC 331	3	Major Requirement	
7	CSC 344	3	Major Requirement	
7	CSC 360	3	Major Requirement	
7	BIO/PSY 495	3	Major Requirement	
7	Living in a Diverse Nation/Living in a Global	3	US Requirement (complete the one not completed in AS degree)	15
8	CSC 380	3	Major Requirement; assuming completion of MAT 161	
8	CSC 434	3	Major Requirement	
8	CSC Elective	3	Major Requirement	
8	PSY/BIO 491 or 499	3	Major Requirement	12
9	CSC 450	3	Major Requirement; VI. CAPSTONE COURSE; V. EXPLORATIONS BEYOND THE CLASSROOM; IV. BUILDING COMPETENCIES: A. Writing Intensive	
9	CSC 455	3	Major Requirement: VI. CAPSTONE COURSE	
9	CSC Elective	3	Major Requirement	
9	Information Literacy Course	3	IV. BUILDING COMPETENCIES: B. Information Literacy	12
				66 hours
				62 transfer hours
				128 hours for graduation