Bachelor of Arts in Computer Science, Plus Biology Minor

Courses needed for BACS		
Core General Education (24 credit hours)	**Credits**	**Notes**
ENGL 1020 Core Composition I	3	
ENGL 2030 Core Composition II	3	
Social Science	3	
Behavioral Science	3	
Humanities	3	
Arts	3	
Cultural Diversity	3	
International Perspectives	3	
Math (7 credit hours)		
MATH 1401 Calculus I	4	
Any additional 2000+ level Math Class	3	
Science (8 credit hours) **A sequence of 2 Natural or Physical Sciences with lab**		
General Chemistry I and lab (CHEM 2031 and 2038)	4	Counts for Biology reqmnt
General Biology I with lab (BIOL 2051 and BIOL 2071)	4	Counts for Biology reqmnt
CS Core (22 credit hours)		
CSCI 1410 Fundamentals of Computing	3	
CSCI 1411 Fundamentals of Computing Lab	1	
CSCI 2312 Object-Oriented Programming	3	
CSCI 2421 Data Structures & Programming Design	3	
CSCI 2511 Discrete Structures	3	
CSCI 3287 Database Systems	3	
CSCI 3412 Algorithms	3	
CSCI 3508 Introduction to Software Engineering	3	
CS Technical Electives (21 credit hours)		
CS Elective	3	
CS Elective	3	
CS Elective	3	
CS Elective	3	
CS Elective	3	
CS Elective	3	
CS Elective	3	
Free Electives (38 credit hours)		
Courses needed for Biology Minor		
Biology Core (19 credit hours)		
General Biology I with lab (BIOL 2051 and BIOL 2071)		satisfied above
General Biology II with lab (BIOL 2061 and BIOL 2081)	4	Counts for free electives
Choose 2 of the following (6-7 credits)	7	Counts for free electives
Principles of Ecology (BIOL 3411)		
Introduction to Evolution (BIOL 3445)		
General Cell Biology (BIOL 3611)		
General Genetics (BIOL 3832)		
two upper-division biology courses, including at least one lab (4-8 credits)	8	Counts for free electives
Required Ancillary Courses (9 credit hours)		Counts for free electives
General Chemistry I with lab (CHEM 2031 and 2038)		satisfied above
General Chemistry II with lab (CHEM 2061 and 2068)	5	Counts for free electives
Remaining Free Electives (38 credit hours)	14	
Total Credits for BACS Plus Biology minor	**120**	
Minimum Credits to **BA in CS and Biology Minor**	**120**	

Note: This checklist was created based on 2019-20 catalog year requirements. See your advisor to create your CS+ plan of study.