Bachelor of Arts in Computer Science
Plus Cybersecurity and Secure Computing (CSSC) Certificate

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 credits)		
MATH 1401 Calculus I	4	
MATH 2000+ level elective	3	
Science (8 credit hours) **A sequence of 2 Natural or Physical Sciences with lab**	8	
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) **CSCI 3000-level and above courses not applied to CS Core**		
CSCI 3453 Operating Systems Concepts	3	Counts for CSSC Certificate (can also be taken as a free elective)
CSCI 3761 Introduction to Computer Networks	3	Counts for CSSC Certificate (can also be taken as a free elective)
CSCI 4034 Theoretical Foundations of Computer Science	3	Counts for CSSC Certificate (can also be taken as a free elective)
CSCI 4741 Principles of Cyber Security	3	Counts for CSSC Certificate (can also be taken as a free elective)
CSCI 4743 Cyber and Infrastructure Defense	3	Counts for CSSC Certificate (can also be taken as a free elective)
CS Elective	3	
CS Elective	3	
CS Free Electives (38 credit hours) **with Cybersecurity and Secure Computing (CSSC) Certificate**		
CSCI 1510 Logic Design	3	Counts for CSSC Certificate
CSCI 2525 Assembly Language & Computer Org	3	Counts for CSSC Certificate
Free Elective	2	
Free Elective	3	
Free Elective	3	
Free Elective	3	
Free Elective	3	
Free Elective	3	
Free Elective	3	
Free Elective	3	
Free Elective	3	
Free Elective	3	
Free Elective	3	
Total Credits	**120**	

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