

Bachelor of Arts in Computer Science Plus Computer Engineering Minor

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		
CS Elective	3	
CS Elective	3	
CS Elective	3	
CS Elective	3	
CS Elective	3	
CS Elective	3	
CS Elective	3	
CS Free Electives (38 credit hours) with Computer Engineering Minor		
ELEC 1510 or CSCI 1510 – Logic Design	3	Counts for Computer Engineering Minor
ELEC 1520 – Embedded Systems I	3	Counts for Computer Engineering Minor
ELEC 2520 – Embedded Systems II	3	Counts for Computer Engineering Minor
ELEC 2531 – Logic Laboratory	1	Counts for Computer Engineering Minor
ELEC 3651 – Digital Hardware Design	3	Counts for Computer Engineering Minor
Computer Engineering Minor Elective (see catalog for choices)	3	Counts for Computer Engineering Minor
Free Elective	4	
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.