

BACHELOR OF ARTS/SCIENCE

COMPUTER SCIENCE: Software Engineering

2025-2026

GENERAL EDUCATION CORE		REQ	COMP	NEED
Written Communication				
ENGL 101 & 102	6			
ENGL 109				
Oral Communication - Choose 1				
COMM 101, 203, 204	3			
Mathematical Ways of Knowing - Choose 1				
MATH 143, 147, 153, 170, 253, or MTHPT 153	3-5			
Humanistic & Artistic Ways of Knowing - Choose 2 from 2 categories				
ENGL 175, ENGL 257, ENGL 258, ENGL 260, ENGL 261 OR	6-7			
NP 101, NP 102, SPAN 101, SPAN 102 OR				
ART 100, HUM 101,150, MUS 101,102,150,151,152,THEA 101				
Scientific Ways of Knowing				
BIOF 100	3			
Select one of the Following Lab Sciences				
BIOL 100, 120, 175, 227	4			
CHEM 100, 105, 111				
FSCI 101 or GIS 271				
GEOL 101, GEOL 120				
NS 140, NS 174, ID 240				
PHYS 111 or 112, 171, 205, 211				
Social & Behavioral Ways of Knowing Choose 2 from 2 categories				
ANTH 102, 120, 170	6			
ECON 201 or 202				
GEOG 102				
HIST 101,102,111,112				
HRPT 184, 185				
POLS 101, 237, 285				
PSYC 101, 205				
SOC 101,102				
ANTH 360, COMM 345, ENGL 474, ID 300C, KIN 220				
SPAN 201, 202				
Global Perspective - Choose 1				
ANTH 102, 120, 170, 360	3			
COMM 345, ENGL 258, ENGL 474, GEOG 102				
HIST 101, 102, 111, 112				
HRPT 184 or SS 184 or KIN 220				
NP 101, 102				
POLS 285 or SOC 101				
SPAN 101, 102, 201, 202				
Integrative Seminar: Ethics & Values				
ID 300A-300Z (see course descriptions/options in catalog)	3			
ID 301A				
TOTAL	37-43			
FOREIGN/HERITAGE LANGUAGE		REQ	COMP	NEED
101	Take 16 credits of language if selecting Bachelor of Arts degree. May also count as Diversity.			
102				
201				
202				
TOTAL		16		

MAJOR COURSES		REQ	COMP	NEED
WEB 111	Foundations of Web Development	3		
WEB 112	Fund of Prog: Javascript	3		
WEB 117	Web Design Fundamentals	3		
WEB 180	Portfolio Design	3		
WEB 265	Image Edit& Illustration	3		
WEB 275	Weeb Authoring	3		
CS 111	Foundationsof Programming	4		
CS 211	Computer Science II	4		
CS 226	SQL: Structured Query Language	3		
CS 311	Algorithms & Data Structures	4		
CS 360	Software Engineering	3		
CS 394	Internship in Computer Science	3		
CS 401	Future Professionals Seminar	1		
CS 445	Databases & Knowledge Management	3		
CS 480	Capstone Design Project	4		
MATH 186	Discrete Mathematics	3		
BUS 311	Foundations of Management Theory	3		
BUS 355	Informations Systems for Managers	3		
BUS 360	Leadership	3		
CYB 300	Cyber Ethics	3		
CYB 360	Cybersecurity Management	3		
TOTAL		65		
Choose 15 Credits:				
300/400	BUS, CS, CYB, or WEB courses	15		
Choose 3 Elective credits:				
100 or above		3		
TOTAL		83		
SUMMARY				
GENERAL EDUCATION		37		
MAJOR		80		
GENERAL ELECTIVES		3		
TOTAL		120		

