

BACHELOR OF ARTS/SCIENCE

COMPUTER SCIENCE: Software Engineering

2026-2027

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 NP 101, NP 102, SPAN 101, SPAN 102 OR ART 100, HUM 101,150, MUS 101,102,150,151,152,THEA 101	6-7		
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			
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		