

COMPUTER SCIENCE, BS

Code	Title	Credits
Required Computer Science Courses		
COMP 164	Essentials of Computer Science	3
COMP 164L	Essentials of Computer Science Lab	1
COMP 165	Fundamentals of Programming	3
COMP 165L	Fundamentals of Programming Lab	1
COMP 166	Data Structures	3
COMP 166L	Data Structures Lab	1
COMP 233	Computer Organization and Architecture	3
COMP 306	Object-Oriented Design & Programming	3
COMP 324	Design and Analysis of Algorithms	3
COMP 368	Database Management Systems	3
COMP 376	Advanced UNIX Programming	3
COMP 377	Operating Systems	3
COMP 425	Software Engineering	3
COMP 492	Capstone Project	1
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Computer Science Electives		
COMP 3XX	COMP Courses at the 300 level or above	6
MATH 345	Numerical Analysis	3
Required Mathematics Courses		
MATH 150	Calculus I	5
MATH 200	Introduction to Statistics	3
MATH 320	Foundations of Mathematics	3
MATH 325	Combinatorics & Graph Theory	3
Additional Courses		
ENG 360	Scientific & Technical Writing	3
Total Credits		61