

COMPUTER SCIENCE (BS)

The following requirements are in addition to the Bachelor of Science core requirements, found here (<https://catalog.cornerstone.edu/undergraduate/cornerstone-core/>).

Required Courses

Code	Title	Hours
CSC-131	PROGRAMMING FUNDAMENTALS	3
CSC-132	INTERMEDIATE PROGRAMMING	4
CSC-216	DATABASE MGT SYSTEMS	3
CSC-225	PROGRAMMING LANGUAGE CONCEPTS	3
CSC-231	DATA STRUCTURES	3
CSC-322	OPERATING SYSTEMS	3
CSC-325	WEB APPLICATION DEV	3
CSC-343	DESIGN & ANALYSIS OF ALGORITHMS	3
CSC-350	SOFTWARE ENGINEERING	3
CSC-380	INTERNSHIP	3
CSC-422	DATA COMMUNICATION SYSTEMS	3
CSC-452	SOFTWARE ENGINEERING CAPSTONE PROJECT	4
EGR-226	INTRODUCTION TO DIGITAL SYSTEMS	3
EGR-227	DIGITAL SYSTEMS LAB	1
MAT-131	CALCULUS I	5
MAT-132	CALCULUS II	5
MAT-243	DISCRETE MATHEMATICS	3
MAT-251	PROBABILITY & STATISTICS	3
<i>Choose two of the following:</i>		<i>8-10</i>
BIO-151	GENERAL BIOLOGY	
CHM-121	GENERAL CHEMISTRY I	
CHM-122	GENERAL CHEMISTRY II	
PHY-221	PHYSICS FOR SCI & ENGINEERS I	
PHY-222	PHYSICS FOR SCI & ENGINEERS II	
Total Hours		66-68