

COMPUTER SCIENCE, B.S.

B.S., Computer Science requirements (44 credits)

Code	Title	Credits
CSDJ core		
Take all of the following:		
CSC 121	Computers and Scientific Thinking	3
GDE 324	Digital Foundations	3
JRM 215	Media Literacy	2
JRM 319	Media Writing	3
or JRM 320	Professional Writing	
Computer Science core		
Take all of the following:		
CSC 221	Introduction to Programming	3
CSC 222	Object-Oriented Programming	3
CSC 599	Senior Capstone	3
Major courses		
Take all of the following:		
CSC 321	Data Structures	3
CSC 414	Computer Organization	3
CSC 421	Algorithm Design and Analysis	3
CSC 533	Programming Languages	3
CSC 542	Database Design and Security	3
CSC 548	Software Engineering	3
Electives		
Two CSC electives 400-level or above *		6
Total Credits		44

* At the discretion of the student's advisor, one technology-focused course from another discipline (e.g., GDE 423, JRM 327, MTH 365, BIA 354, FIN 355) may be substituted for an elective.