

# COMPUTER SCIENCE, B.A.

## B.A. Computer Science requirements (39 credits)

Code	Title	Credits
<b>CSDJ Core</b>		
Take all of the following courses:		
CSC 121	Computers and Scientific Thinking	3
GDE 324	Digital Foundations	3
JRM 215	Media Literacy	3
JRM 319	Media Writing	3
or JRM 320	Professional Writing	
<b>Computer Science core</b>		
Take all of the following courses:		
CSC 221	Introduction to Programming	3
CSC 222	Object-Oriented Programming	3
CSC 599	Senior Capstone	3
<b>Major courses</b>		
Take three of the following courses:		9
CSC 321	Data Structures	
CSC 414	Computer Organization	
CSC 421	Algorithm Design and Analysis	
CSC 548	Software Engineering	
CSC 551	Web Programming	
CSC 581	Mobile App Development	
<b>Electives <sup>1</sup></b>		
Three CSC electives 300-level or above <sup>2</sup>		9
<b>Total Credits</b>		<b>39</b>

<sup>1</sup> At the discretion of the student's advisor, up to two technology-focused courses from another discipline (e.g., GDE 423, JRM 327, MTH 365, BIA 354, FIN 355) may be substituted for electives.

<sup>2</sup> CSC 450 Data of/by/for the People may NOT be applied toward any major, minor, certificate or degree.