COMPUTER SCIENCE AND INFORMATION SYSTEMS MINOR

Department: Computer Science and Information Systems (https://catalog.bradley.edu/undergraduate/liberal-arts-sciences/computer-science-information-systems/)

The Computer Science and Information Systems minor, which is open to all students, gives you a foundation in software development and computer science basics. You can customize the minor by choosing electives in databases, networking, software engineering, security, gaming or mobile computing. It's often paired with engineering and interactive media majors.

Minor Requirements

Code	Title	Hours
Required Courses		
CS 101	Introduction to Programming	4.0
CS 102	Data Structures	3.0
MTH 120	Discrete Mathematics	3.0
CS 210	Advanced Data Structures and Algorithms	3.0
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Electives (choose three): [1]		**9.0**
CS 330	Net-Centric Computing	
CS 370	Database Management Systems	
CS 390	Introduction to Software Engineering	
CS 461	Artificial Intelligence	
CS 463	Knowledge Discovery and Data Mining	
CIS 393	Web Technologies & Systems	
CIS 415	Applied Cryptography	
CIS 435	Computer Networks and System Security	
CIS 495	Software and Web Applications Security	
Total Hours		**25**

[1] At least 9 of these hours must be in courses numbered 300 or above.