

COMPUTER SCIENCE - DATA SCIENCE CONCENTRATION

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

The Data Science concentration of the Computer Science major (<https://catalog.bradley.edu/undergraduate/programs/computer-science-major/>) provides students with the necessary skills to effectively use large data sets to solve problems and potentially find new insights.

Students in this concentration must complete all requirements for the Computer Science major (<https://catalog.bradley.edu/undergraduate/programs/computer-science-major/>). In addition, the concentration is comprised of 12 semester hours of study including 6 semester hours of required courses and 6 semester hours of elective courses as outlined below.

Concentration Requirements

Code	Title	Hours
Required Courses		
CS 360	Fundamentals of Data Science	3.0
CS 463	Knowledge Discovery and Data Mining	3.0
Elective Courses		
Select two of the following:		6.0
CS 461	Artificial Intelligence	
CS 462	Machine Learning	
CS 472	Distributed Databases and Big Data	
Total Hours		12