

COMPUTER SCIENCE- MOBILE COMPUTING CONCENTRATION

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

The Mobile Computing concentration of the Computer Science major (<https://catalog.bradley.edu/undergraduate/programs/computer-science-major/>) provides students with essential background, understanding, knowledge, and analytical and technical skills in advanced mobile technology and its applications in computer science, computer information systems, and the design and development of complex mobile software systems.

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 9 semester hours of required courses and 3 semester hours of elective semester hours of study as outlined below.

Concentration Requirements

Code	Title	Hours
Required Courses		
CIS 433	Mobile and Wireless Networks	3.0
CIS 446	Advanced Mobile Programming	3.0
CS 493	Agile Software Development	3.0
Elective Courses		
Select one of the following:		3.0
CIS 435	Computer Networks and System Security	
CIS 495	Software and Web Applications Security	
Total Hours		12

Due to the fast-changing learning content in Mobile Computing, see the Department of Computer Science and Information Systems for possible additional elective courses in this area.