COMPUTER INFORMATION SCIENCE, BA

The Bachelor of Arts degree is for students who desire a traditional liberal arts education with less mathematical emphasis. It requires similar Computer Information Science coursework as the BS, with different Math or Natural Science course requirements, and two foreign language courses.

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education (https://catalog.washburn.edu/undergraduate/programs-degrees-graduation-requirements/general-education-requirements/), all requirements for a Bachelor of Arts (https://catalog.washburn.edu/undergraduate/college-arts-sciences/degrees/bachelor-arts/) degree, and any additional hours needed to reach the minimum 120 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements. Please see your advisor for more information.

Code	Title	Hours
Required Courses Inside Department		
CM 111	Introduction to Structured Programming	4
CM 231	Computer Organization/Assembler Language	3
CM 245	Contemporary Programming Methods	3
CM 261	Networked Systems	3
CM 307	Data Structures & Algorithmic Analysis	3
CM 322	Operating Systems	3
CM 331	Artificial Intelligence	3
or CM 332	Data Mining	
CM 333	Software Engineering	3
CM 336	Database Management Systems	3
CM 361	Cybersecurity	3
CM 465	Computer Information Science Capstone Project	3
CM 3XX	Upper Division CM electives	6
Subtotal		40
Required Courses Outside Department		
BU 342	Organization & Management	3
or BU 346	Organizational Behavior	
CN 340	Interviewing	3
or CN 341	Persuasive Speaking	
or CN 342	Communication-Teams and Groups	
EC 200	Principles of Microeconomics	3
EC 201	Principles of Macroeconomics	3
MA 140	Statistics	3
MA 141	Applied Calculus I	3-5
or MA 151	Calculus & Analytic Geometry I	
MA 206	Discrete Mathematics for Computing	3
PH 220	Symbolic Logic	3
Subtotal		24-26
Total Hours		**64-66**