COMPUTER INFORMATION SCIENCE, AA

The Associate of Arts degree can be completed in two years. The programming-focused degree will give you the skills you need to start at the workforce. From there you can continue to a four-year degree and beyond, or grow your skills on the jobs.

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 Associate of Arts (https://catalog.washburn.edu/undergraduate/college-arts-sciences/degrees/associate/) degree, and any additional hours needed to reach the minimum 60 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
Select one of the following:		3
CM 307	Data Structures & Algorithmic Analysis	
CM 335	Advanced Application Programming & Design	
CM 361	Cybersecurity	
CM 322	Operating Systems	
CM 330	Web Development II	
CM 334	Modeling with VBA/Excel	
CM elective [1]		3
Upper Division CM elective		3
Subtotal		22
Required Courses Outside Department		
MA 140	Statistics	3
MA 206	Discrete Mathematics for Computing	3
Subtotal		6
Total Hours		**28**

[1] CM 101 Computer Concepts and Applications and CM 298 Special Topics/Non-Majors do not count toward the major or minor.