INFORMATION SYSTEMS MINOR

Interdisciplinary Minor

Information Systems is the interdisciplinary study of the ways in which computer technology can foster organizational excellence. Drawing from both Business Management and Computer Science, the Information Systems minor builds on the foundations of an education in the liberal arts by stressing strong analytical skills, the facility to find imaginative solutions to difficult problems, and the application of ethical principles. Students who complete the Information Systems minor will understand and be able to write and orally communicate about technology to a body of professionals and non-professionals alike. The minor is especially suited to students majoring in Business Management who would like to acquire an in-depth understanding of technology, and to students majoring in Computer Science who wish to acquire business skills essential to a productive career. The minor is open to students from all majors offered at Washington College.

Information Systems Minor Requirements

A minimum of eight courses (32 credits) are required.

Code	Title	Credits	Notes
Required Courses		**28**	_____
BUS 112	Intro to Financial Accounting		_____
BUS 210	Management Information Systems		_____
BUS 302	Organizational Behavior		_____
BUS 109	Managerial Statistics [1]		_____
CSI 111	Computer Science I		_____
CSI 112	Computer Science II		_____
CSI 310	Database Systems		_____
Select 1 Course From Below		**4**	_____
ANT 210	Intermediate Geographic Info Systems		_____
BUS 111	Principles of Marketing		_____
BUS 209	Financial Analysis		_____
BUS 212	Managerial Accounting		_____
BUS 224	Digital Marketing		_____
BUS 303	Legal Environment of Business		_____
BUS 315	Enterprise Resource Planning Systems		_____
BUS 316	Data Analytics		_____
BUS 325	Marketing Research Methods		_____
CSI 220	Data Science		_____
CSI 230	Applied Decision Analysis		_____
CSI 250	Intro Comp Organization & Architecture		_____
CSI 440	Computer Networks		_____
CSI 460	Software Engineering		_____
Total Credits		**32**	_____

[1] ECN 215 Data Analysis I, MAT 109 Statistical Inference & Data Analysis I, or PSY 209 Statistics & Research Design I with Lab may be substituted

Additionally, special topics courses in Business Management or Computer Science or in other areas deemed suitable and approved by the Information Systems program director may be taken as the elective. Students majoring in Computer Science are urged to take the elective from the courses offered in Business Management; students majoring in Business Management are similarly encouraged to take the elective from the courses offered in Computer Science.

Students may not double-count courses for the Information Systems minor with the Computer Science or Business Management minors (and vice versa) without the approval of the Chairs of the respective departments. Students who wish to double-major in Computer Science and Business Management will be required to take an additional electives.

Austin Lobo, Co-Director

Caddie Putnam Rankin, Co-Director

Major

- Business Management Major (https://catalog.washcoll.edu/catalog/departments-programs/business-management/business-management-major/)
- Computer Science Major (https://catalog.washcoll.edu/catalog/departments-programs/mathematics-computer-science/computer-science-major/)
- Data Science Major (https://catalog.washcoll.edu/catalog/departments-programs/mathematics-computer-science/data-science-major/)
- Mathematics Major (https://catalog.washcoll.edu/catalog/departments-programs/mathematics-computer-science/mathematics-major/)

Minor

- Computer Science Minor (https://catalog.washcoll.edu/catalog/departments-programs/mathematics-computer-science/computer-science-minor/)
- Data Analytics Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/data-analytics-minor/)
- Data Science Minor (https://catalog.washcoll.edu/catalog/departments-programs/mathematics-computer-science/data-science-minor/)