

COMPUTER INFORMATION SYSTEMS

Degree Type

Associate Degree

Computer Information Systems

Bachelor's Degree

Computer Information Systems

Master's Degree*

Computer Science
Data Science

Also Offered Fully Online

Associate Bachelor's



Computer information systems is one of today's hottest fields. According to the Bureau of Labor Statistics, computer and technology related occupations are expected to grow by 13% by 2026. By imparting their specialized knowledge into a rigorous curriculum, Monroe faculty prepare students for successful real-world positions at leading technology firms, financial institutions, and government security agencies. Graduates of the School of Information Technology have benefited from rising industry demand and have gone on to launch their careers at places like IBM, Citigroup, the New York City Department of Education, Montefiore Medical Center, AT&T Wireless, Time Warner Cable, Verizon, Infosys, and Salesforce, among others.

DID YOU KNOW?

- + Monroe Computer Information Systems students are encouraged to take part in major-related clubs, including the Information Technology Student Association (ITSA).
- + Information Technology (IT) professionals are found in virtually all sectors, including health, fashion, music, financial, hospitality, nonprofit, and government.
- + Students enrolled in Monroe's Computer Information Systems program are taught by leaders in IT, such as CIOs, network analysts, database administrators, project managers, web designers and software engineers.

POPULAR CAREER PATHS

Some of the popular career paths for graduates of Monroe's Bachelor's in Computer Information Systems include:

- + Web Developer/Programmer
- + IT Business Analyst
- + IT Support Specialist
- + Network Administrator
- + Software Engineer
- + Database Administrator
- + Computer Security Specialist
- + Mobile Developer
- + Systems Analyst
- + Junior Project Manager

MONROE PUTS “THE PRACTICAL” IN YOUR EDUCATION. THE PROFESSORS GUIDED ME THROUGH THE COURSEWORK, INTERNSHIPS AND CERTIFICATIONS. I WAS PREPARED TO ENTER THE WORKFORCE UPON GRADUATION.

Nicholas Grant

*Bachelor's in Computer Information Systems
Technical Consultant, Praxis Solutions, NYC*



ASSOCIATE DEGREE

1ST YEAR			2ND YEAR
Semester 1	Semester 2	Semester 3	Semester 4
Introduction to Information Technology	Computer Hardware and Software	CCNA II	IT Elective
College Writing & Critical Analysis	Database	Programming Logic	Systems Analysis & Design
Liberal Arts Elective	CCNA I	Web Design Technology	IT Elective
Fundamentals of Communication	Analytical Thinking, Writing & Research	Professional Writing & Presentation	IT Elective
Quantitative Reasoning	Finite Math & Linear Modeling	Liberal Arts Elective	Liberal Arts Elective

BACHELOR'S DEGREE

1ST YEAR			2ND YEAR			3RD YEAR	
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
Introduction to Information Technology	Computer Hardware and Software	IT Elective	Systems Analysis & Design	Object Oriented Programming	Network Security	Cloud Foundations	Advanced Programming
College Writing & Critical Analysis	CCNA I	Web Design Technology	IT Elective	Database Management Systems	Management Information Systems	Wireless Technology	Senior Seminar
Fundamentals of Communication	Database	Programming Logic	IT Elective	IT Elective	Operating Systems	Internship Seminar I	Liberal Arts Elective
Liberal Arts Elective	Analytical Thinking, Writing & Research	CCNA II	Pre-Calculus or Statistics for Business Decisions I	IT Elective	IT Elective	IT Project Management	Liberal Arts Elective
Quantitative Reasoning	Finite Math & Linear Modeling	Professional Writing & Presentation	Liberal Arts Elective	Professional Communication	Liberal Arts Elective	IT Elective	Liberal Arts Elective

*Monroe College also offers a Master of Science in Computer Science, a Master of Science in Data Science, and an Advanced Certificate in Data Science.