

# MONTCLAIR STATE UNIVERSITY

COLLEGE OF SCIENCE AND MATHEMATICS

## MS in Information Technology

### Master of Science in Information Technology

Information technology is the study, design, development, implementation, testing, and support of applications of computing and communication technologies to solve the major challenges in today's business, industry or government work environments.

The STEM-designated MS in Information Technology program at Montclair State University prepares students to become the next generation workforce in the high-demand IT industry.

This full-time, 30-credit program offers both fall and spring start dates.

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**\$140,910** average salary for IT professionals  
in the NYC area

*U.S. Bureau of Labor Statistics 2024*

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**#81** top public schools

*U.S. News & World Report 2025, Top Public Colleges and Universities*

“ There are many points which I considered when applying to Montclair State University. First, it has got very strong academics, and the staff and support given by every department is just exceptional. For me, apart from academic excellence, the cost was also a major concern. However, I could say that Montclair is way more affordable and the best university compared to others in the state.

**Asmita** - India  
IT student



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**19 kilometers** from New York City

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**120+** student clubs and organizations



## Program Highlights

- STEM-designated (eligible for 3 years of OPT)
- Accommodation to students from various backgrounds, including those with no programming experience
- Comprehensive and flexible curriculum
- Research opportunities with faculty in diverse areas
- Proximity to the job market in the NYC metro area
- Access to modern infrastructure and computing equipment in the Center for Computing and Information Science

## Career Outcomes

IT graduates can go into a wide range of fields. Some of the most common career outcomes are:

- Computer and Information Research Scientist
- Operations Research Analyst
- Computer Hardware Engineer
- Computer Network Architect
- Computer Systems Analyst
- Database Administrator
- Information Security Analyst
- Information Systems Manager
- Software Developer
- Computer Programmer

## Sample Courses

This **30-credit program** consists of many course options to choose from that will help you gain the skills and knowledge you need to help you succeed in your future career.

- Java Programming
- Computer Systems Principles
- Data Structures
- Discrete Mathematics in Computing
- Human-Computer Interaction (HCI)
- Web Development
- Computer Networks
- Database Systems
- Computer Security
- Software Engineering
- Robotics
- Computer Architecture
- Operating Systems
- Mobile Computing

APPLY NOW



## Admission Requirements

- Application
- Application fee
- Official NACES transcript evaluation
- Official English proficiency test score
- Statement of purpose
- Resume
- Two letters of recommendation

NOTE: Our MS in Information Technology program welcomes students from various academic backgrounds. Admitted students without a background in the field will take bridge coursework (prerequisites) as assigned by the academic department. You can be assigned anywhere from 4-16 credits of prerequisite work depending on your background.

