BS in Information Technology

Bachelor 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, 120-credit program offers both fall and spring start dates.

> " I would highly recommend Montclair State University to my family and friends. The university provides comprehensive career services, including internship placements, job fairs, resume assistance, and networking events, to help students prepare for successful careers after graduation. When I first stepped into the university I just fell in love with the atmosphere, I really felt good vibes. What else do we need?

Asmita - India
IT student

$87,875 average salary for IT professionals in the NYC area

U.S. Bureau of Labor Statistics 2022

20 kilometers from New York City

#88 top public schools

U.S. News & World Report 2023, Top Public Colleges and Universities

120+ student clubs and organizations
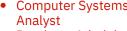
Program Highlights

- 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 Programming

Sample Courses

This **120-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.

- Python Programming I
- Fundamentals of Java Programming
- Fundamentals of Programming II
- Data Structures and Algorithms
- Computer Systems
- Systems Programming
- Introduction to Human-Computer Interaction (HCI)
- Internet Computing
- Computer Networks
- Database Systems
- IT Project Management
- Systems Administration
- Computer Security
- Cooperative Education in Computer Science and Information Technology

Admission Requirements

- Application
- Application fee
- English translation of transcripts from all secondary schools attended
- Exam scores (IB, CAPE, IGSCE/A levels, 10th/12th), if applicable
- English proficiency test score
- Personal statement
- Letter of recommendation
- Resume
- Optional:
  - List of extracurricular activities
  - SAT/ACT scores

Transfer Students

- In addition to the above, students must also provide a NACES transcript evaluation

APPLY NOW