

# INFORMATION TECHNOLOGY (M.S.)

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The Gabelli School's M.S. in Information Technology (MSIT) program provides skills in:

- Business data analytics and data management
- Cybersecurity
- Digital Transformation
- Enterprise computing, with a focus on application development
- IT in specific industry sectors and functional areas such as accounting, financial technologies, and healthcare.

The Gabelli School's Master of Science in Information Technology (MSIT) curriculum is focused on creating value through technology. You'll learn how to develop innovative new processes, products, and business models while helping to integrate new technology into your company's culture.

The program allows students to specialize in one of four career-oriented tracks, according to their interests:

- *Business Analytics*: this track centers around the processes of collecting, cleaning, structuring, integrating, and analyzing data to drive management insight, informed decision-making, and superior business performance.
- *Cybersecurity*: in this emerging track, students can specialize in cybersecurity management in business.
- *Digital Transformation*: this track addresses the transformational role of contemporary information technologies and their applications.
- *Enterprise Computing*: this track is for students who wish to delve deeper into solution delivery activities of enterprise applications.

These career tracks were chosen for their exceptional employment opportunities in today's job market, as well as their relevance to a wide range of industries.

The MSIT has two schedule choices, a one-year full-time program and a part-time program spread over a longer time frame, ideal for professionals who don't want to leave their jobs while they pursue the degree.

## The Gabelli School Edge

Gabelli School MSIT graduates hit the job market with a keen understanding of the transformational role of technology and all the skills needed to find and exploit value opportunities for organization.

## Ideal Candidates

Our MSIT program is designed for students who are interested in exploring the intersection of technology and business.

If you are fascinated by analytics, coding, cybersecurity, DevOps engineering, digital transformation, and others, this degree would be a good fit. A tech background is not necessary, but it is helpful to have a basic awareness of the role of IT in supporting organizational processes and strategy.

## Learning Competencies

1. Students will become proficient in coding & programming for Information Technology.
2. Students will demonstrate an understanding of data design, organization, and use.

3. Students will demonstrate an understanding of the design & modeling of information technology applications.
4. Students will demonstrate an understanding of the managerial issues surrounding information technology.

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To learn more about the M.S. in Information Technology, visit the the Gabelli School of Business website.

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## CIP Code

11.0103 - Information Technology.

You can use the CIP code to learn more about career paths associated with this field of study and, for international students, possible post-graduation visa extensions. Learn more about CIP codes and other information resources.