

Master of Information Technology and Analytics (MITA)

Cutting edge highlights in AI, IT and analytics

In today's world, the ability to combine technical knowledge with business management strategies is crucial to continued success. The **Master of Information Technology and Analytics (MITA)** is designed to help you do just that.

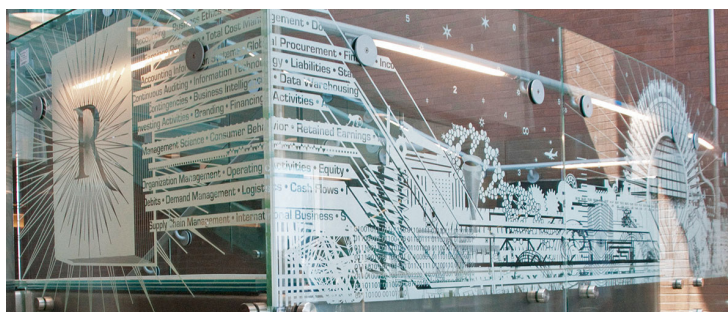
At 30 credits with 10 courses, The Master of Information Technology and Analytics offers the opportunity to graduate in just two semesters. As a STEM-designated program, international students have the possibility of up to three years of work experience in the U.S.

Our program produces leaders who are capable of managing significant software development projects and leading teams of information technology professionals. A vibrant and dedicated program staff and student association offer a variety of networking and mentorship opportunities to help support your career success. Understanding the languages of business and IT puts you in a prime position for career advancement and with proximity to New York City, you'll have direct access to the top employers in the technology, finance, media, and pharmaceutical industries.

business.rutgers.edu/masters-information-technology-analytics



Classes are held at 1 Washington Park on our Newark Campus, 30 minutes to NYC.



Scan the QR code for more detailed program information



Curriculum

Taught by world-class award-winning faculty, the MITA program offers a rigorous, cutting-edge education that bridges the gap between IT and business. As a result, you learn both the domain and technical knowledge necessary to face tough challenges in the industry. The program's modern, project-based course content offers students the opportunity to take core business courses as well as the ability to participate in internships while studying.



Concentrations

Our program offers versatility through 3 concentrations:

Cyber Security

- Privacy, security, cryptography, cloud computing, blockchain technology, cryptocurrency technologies

Artificial Intelligence, Machine Learning and Data Science

- Data mining, database management, machine learning, deep learning, artificial intelligence

Operations Research and Business Analytics

- Optimization modeling, applied game theory and strategic decision making, discrete modeling

Foundation Courses:

- Information Security
- Business Data Management
- Analytics for Business Intelligence or Data Mining
- Introduction to Data Structures and Algorithms

Career Outcomes

Our graduates have gone on to pursue careers as Data Scientists, Data Analysts, AI and Machine Learning Analysts, Business Analysts, IT Specialists, Software Engineers, Systems Engineers, Cyber Security Experts, and Web Developers. From financial services to accounting, consulting, and more, graduates of our program have a breadth of opportunities in different industries with this degree.

Through our Career Management Program, students are equipped with the tools necessary to be strong candidates and communicate their value to employers. Our students have been hired by Fortune 500 companies such as Amazon, AT&T, JPMorgan, Deloitte, Tesla, Wayfair, HP, Intuit, and more.

Admissions

Applicants are expected to have a bachelor's degree from a four-year accredited university and have taken undergraduate level courses in differential and integral calculus, basic probability, statistics, and proficiency, and at least one computer programming language. Also helpful, but not required is undergraduate experience in linear algebra, algorithms and data structures, database management and object-oriented programming



Program Quick Facts

Program: Full-time | Part-time

Program: In-person

Credits: 30 credits

For current application deadlines and tuition information, please visit our website:

business.rutgers.edu/mita

How to Apply

Apply online:

business.rutgers.edu/masters-information-technology-analytics/admissions

Please visit business.rutgers.edu to learn about upcoming information sessions and open houses.

Contact

Phone: 973-353-1234

Email: admit@business.rutgers.edu

“The course structure offers an ideal mix of both management theories and practical case studies. It has been the most unique and cherished year of my life.”

–Divya Behara Venkata
Audit Data Analytics Specialist at Deloitte



Gain the knowledge and tools in IT and analytics needed to fill in-demand positions.

