Master of Information Technology and Analytics (MITA)

Cutting edge knowledge and tools in IT and analytics

The Rutgers Business School Master of Information Technology and Analytics (MITA) program is a 30-credit program with 10 courses that offers the opportunity to graduate in one year. As a STEM-designated program, international students have the possibility of up to three years of work experience in the U.S. “The MITA program offers a rigorous, hands-on, immediately applicable, cutting-edge education, and bridges the gap between IT and business.”

Graduates have been hired as Data Scientists, Data Analysts, Business Analysts, IT Specialists, Software Engineers, Systems Engineers, Cyber Security experts and Web Developers.

Companies that have hired MITA graduates include: Amazon, Microsoft, JPMorgan Chase, Ernst & Young, Credit Suisse, Nomura America Services, Accenture Technology Solutions, and more.

Key Contacts

Directors:
Professor Vijay Atluri is well known in the fields of information security, privacy, databases, workflow management, spatial databases and distributed systems.

Professor Farid Alizadeh is a leading authority in mathematical optimization.

Student Advisor:
Professor Wajahat Gilani has over a decade of experience, being involved in quantitative development/analysis on the buy-side and trading desks.

Administrator:
Career Counseling Officer:
Ms. Kelly Terry
Ms. Purvi Kapuria

Classes are held at 1 Washington Park on our Newark Campus, 20-minutes to New York.

business.rutgers.edu/information-technology-analytics

Curriculum

The Master of Information Technology and Analytics degree is a 30-credit program that requires a strong quantitative background. High-caliber scholarship in the Master of Information Technology and Analytics program derives from world-class award-winning faculty with expertise in database systems, data mining, security, privacy, big data analytics, operations research, applied statistics, business analytics, operations management, and accounting information systems.
Curriculum

The MITA program offers three broad concentrations:

**Cyber Security**
- Privacy, security, cryptography, cloud computing, blockchain technology, cryptocurrency technologies

**Data Science and Machine Learning**
- Data mining, database management, machine learning, deep learning, reinforcement learning, network analysis

**Business Analytics and Operations Research**
- Optimization modeling, applied game theory and strategic decision making, discrete modeling

In their final semester, students have the opportunity to engage in capstone projects, which are exciting, state of the art, applied projects with direct supervision of top faculty.

Program Quick Facts

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<th>Program: Full-time</th>
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<td>Credits: 30 Credits</td>
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**Application Deadlines:**
- Fall: May 1
- Spring: October 15

**GRE or GMAT:** Required

**Program Costs**
Please check the website for the most up-to-date tuition rates:
business.rutgers.edu/masters-information-technology-analytics/tuition

How to Apply

Apply online:
business.rutgers.edu/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

Admissions

Awareness of the importance of information technology (IT) and analytics for business is becoming widespread. The industry has created more and more job opportunities for people who have interdisciplinary skills. Applicants are expected to have a bachelor’s degree and basic knowledge in calculus and statistics. We particularly welcome applicants with undergraduate degrees in business, industrial engineering, library science, information technology, computer science, and related fields.

“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