



# Master of Information Technology and Analytics (MITA)

## Cutting edge knowledge and tools in 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 one year**. 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. Understanding the languages of business and IT puts you in a prime position for career advancement and opens doors for opportunities in various industries.



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

### 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:**  
**Ms. Kelly Terry**

**Career Counseling Officer:**  
**Ms. Purvi Kapuria**



[business.rutgers.edu/masters-information-technology-analytics](http://business.rutgers.edu/masters-information-technology-analytics)

## Curriculum

The MITA program offers a rigorous, hands-on, immediately applicable, cutting-edge education and 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. 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.



## Concentrations

Our program offers versatility through 3 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

### 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.

## Career Outcomes

Students who earn a Master of Information Technology and Analytics (MITA) may pursue careers as Data Scientists, Data 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, Tesla, Wayfair, HP, Intuit, and more.

## Admissions

Awareness of the importance of information technology (IT) and analytics for business is becoming wide spread. 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.



## 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](https://business.rutgers.edu/mita)

## How to Apply

**Apply online:**

[business.rutgers.edu/masters-information-technology-analytics/admissions](https://business.rutgers.edu/masters-information-technology-analytics/admissions)

*Please visit [business.rutgers.edu](https://business.rutgers.edu) to learn about upcoming information sessions and open houses.*

## Contact

**Phone:** 973-353-1234

**Email:** [admit@business.rutgers.edu](mailto: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.*

