Connect IT management to business needs

The Rutgers Business School Master of Information Technology and Analytics is a 30-credit program bridging the gap between IT and business. Students will have opportunities to learn both domain and technical knowledge to face the tough challenges in the industry.

This master degree prepares students to manage significant software development projects and lead teams of information technology professionals engaged in design, analysis, implementation, and service delivery.

This program will provide a thorough knowledge and understanding of the technologies for security, privacy, and auditing. Students will also have a clear understanding of the technologies necessary for the management, decision-making, and analysis of enterprise data.

Curriculum

The Master of Information Technology and Analytics degree is a 30-credit program that requires a strong quantitative background. High-caliber scholarship of the Master of Information Technology program derives from the 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.

Faculty Profile: Vijay Atluri

Professor Atluri is the Director of the Master of Information Technology and Analytics program. Dr. Atluri's research interests include Information Security, Privacy, Databases, Workflow Management, Spatial Databases and Distributed Systems. Her research has been sponsored by NSF, DHS, DoD, NSA, ARO, NOAA, EPA, Lawrence Livermore National Laboratory, Hackensack Meadowlands Development Commission and SAP Research. She is a Professor of Computer Information Systems in the MSIS Department, and research director for the Center for Information Management, Integration and Connectivity (CIMIC) at Rutgers University.
Sampling of Courses

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

**Concentrations**
- Operations Research and Business Analytics
- Data Science and Machine Learning
- Cyber Security

**Electives**
- Introduction to Software Development
- Business Forecasting
- Information Technology Strategy
- Introduction to Artificial Intelligence

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**Program Quick Facts**

- **Program:** Full-time | Part-time
- **Credits:** 30 Credits
- **Application Deadlines:** Fall: May 1 | Spring: October 15
- **GRE or GMAT:** Required
- **Program Costs based on 2022-2023 Tuition Rates**
  (*additional university fees may apply:*
  - **Full Time:** (12 credits/semester)
    - $13,800 per semester (NJ Resident/semester)
    - $19,476 per semester (Out of state/semester)
  - **Part Time:**
    - $1,150 per credit (NJ Resident)
    - $1,623 per credit (Out of state)

- **How to Apply**
  - Apply online: [business.rutgers.edu/information-technology-analytics/admissions](http://business.rutgers.edu/information-technology-analytics/admissions)
  - Please visit [business.rutgers.edu](http://business.rutgers.edu) to learn about upcoming information sessions and open houses.

- **Contact**
  - **Phone:** 973-353-1234
  - **Email:** admit@business.rutgers.edu

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**Career Outcomes**

Our graduates are highly sought after candidates for positions at some of the largest corporations. Some positions have included; Client Systems Specialist, Developer, Software Engineer, Systems Engineer, and Web Developer. Graduates have begun working at companies including; Credit Suisse, Nomura America Services, and Accenture Technology Solutions.

“*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*