Management Science & Information Systems

Organizations of all sizes rely on computer and information technology (IT) to conduct business, operate efficiently, and achieve their goals. Management Science & Information Systems degrees equip students with both the technological and business foundations to become leaders in this emerging field. Students should have an aptitude for computers and quantitatively oriented material.

Business Analytics and Information Technology (BAIT) Major*
Business Analytics and Information Technology (BAIT) is Rutgers Business School’s quantitative and computing major. It teaches skills in three related areas, all crucial in the information economy: Information Technology, Data Analysis, and Decision Analysis and Modeling. BAIT teaches these skills with both a technical focus and a recognition that the ultimate goal is to use analysis and technology to make better business decisions.

*BAIT is currently only offered in New Brunswick

Sample Courses:

Management Information Systems Major*
This major is intended to develop analytical and information management skills that are useful in business as well as in public administration. The courses teach our students how to successfully analyze complex business situations quantitatively, and to develop and manage information systems for corporations.

*MIS is currently only offered in Newark

Sample Courses:

Excellence
Talented students, outstanding and demanding faculty, prestigious research University.

Diversity
Diverse and driven student body, diverse faculty, and a wide array of programs in diverse locations.

Access
Education that prepares students to make positive contributions to the economy of New Jersey and the world.

Curriculum Designed with Industry in Mind
RBS MSIS curricula were designed with the help of an industry advisory board including representatives from:

Accenture, Bloomberg, Citigroup, Deloitte Consulting LLP, Johnson & Johnson, Oliver Wyman, PricewaterhouseCoopers, Thomson Reuters

MSIS students with Professor Douglas Jones.
Careers in MSIS
A degree in MSIS from RBS gives graduates the skills they need to work in both technical and managerial capacities. Graduates work on the development of information technology projects for collecting, managing, analyzing, and acting on business data. They work in all kinds of industries, from healthcare to consulting to entertainment. With easy access to New York City from either campus, internships, networking events, and alumni are close at hand. Our MSIS alumni are leaders in the Information Systems industry at some of the biggest companies in the world.

Sample Occupations
Applied Management Analyst
Applied Statistician
Business and Operations Research Analyst
Computer Security Specialist
Computer Systems Design and Related Services
Computer Support Specialist
Computer Systems Analyst
Production and Inventory Manager
Risk Analyst
Systems Analyst

Where graduates are working
USMA
Bell Labs
NJ Transit
United Parcel Service
FedEx
Sony Music Entertainment
U.S. Department of Energy
Hewlett Packard Company
IBM
NASA
Prudential
Blue Cross Blue Shield
PNC Bank
Chase
Citibank
TD Bank
Bank of America
Verizon
Sprint

RBS has two convenient locations in Newark and New Brunswick. The state-of-the-art in Newark’s University Heights (left) is about 20 minutes to New York City by train. 100 Rock on the Livingston Campus in New Brunswick opened in Fall 2013.