

NJIT

New Jersey's Science &
Technology University

THE EDGE IN KNOWLEDGE

The Bachelor of Science in Business and Information Systems



Department of Information Systems
College of Computing Sciences
School of Management

New Jersey Institute of Technology

WHY STUDY BUSINESS AND INFORMATION SYSTEMS?

Technology and science are dramatically changing our economy and our society. This is creating new business opportunities and needs, with an increasing push for computing employees to be more involved in designing and evaluating business information systems for both small companies as well as major corporations. Information systems employees must have a solid understanding of business fundamentals to succeed. Specifically designed to address this issue, the BS in Business and Information Systems is primarily for students who want to prepare for careers where they will do requirements analysis and application systems design and development, as well as use, analyze and evaluate computing applications and systems in a business environment. The U.S. Bureau of Labor Statistics points to very strong need for managers with technical skills well into the next decade.

WHY STUDY BUSINESS AND INFORMATION SYSTEMS AT NJIT?

Drawing from the rich technological resources of New Jersey's science and technology university, the BS in Business and Information Systems is offered jointly by the College of Computing Sciences and the School of Management. With one of the most computing intensive campuses in the world, NJIT has pioneered in the applications of new technologies as learning tools. The College of Computing Sciences educates one of the largest groups of information technology students in the nation. The NJIT School of Management offers excellent business education. The school has been recognized among the limited number of business schools accredited by AACSB -- The International Association for Management Education, the top national accreditation body for management education. Similarly, NJIT's College of Computing Sciences has an outstanding faculty dedicated to preparing students for exciting careers in Computing Sciences, and its degrees have been recognized by the Computing Accreditation Commission of ABET, the top national accreditation body for computing education.

WHAT WILL I LEARN?

The BS in Business and Information Systems teaches students concepts in both business and information systems. The focus of the degree is on the application of computing and information systems in business, government, and non-profit organizations. Besides learning about information systems topics such as databases, application development tools, web design, software use and evaluation, management information and decision support systems, students will learn business topics such as accounting, finance, financial products, business operations, and marketing.

WHAT OPPORTUNITIES FOR EMPLOYMENT ARE THERE?

Graduates of the BS in Business and Information Systems degree at NJIT will be well prepared to obtain jobs in finance, insurance, marketing, telecommunications, consulting, and the pharmaceutical industry, as well as many other areas. Since NJIT is located in the New York metropolitan area, the financial capital of the world, the Business and Information Systems degree at NJIT is particularly well suited for those wanting to pursue an information systems career in the financial world.

Graduates will, for example, find jobs in the business world as system analysts, using and deploying information systems, decision support systems, and other MIS applications, database designers and analysts, database and information systems auditors, and web developers, in addition to many other exciting opportunities in technology. In addition, the solid training in business fundamentals from the Business and Information Systems degree will enable graduates to excel in the business world and move up the corporate ladder.

ARE THERE OPPORTUNITIES FOR REAL-WORLD EXPERIENCE?

There are abundant co-op and internship opportunities and exciting research assistantships exploring cutting-edge science and technology. In addition, the College of Computing Sciences' Capstone Program matches interdisciplinary teams of senior students with clients from industry, government and university programs to develop customized software and database applications, to design and test devices, or to analyze and diagnose a variety of business problems. Clients have included large organizations, such as Johnson & Johnson, IMS Health, CIT, PSE&G and Honeywell, as well as smaller high-tech companies like Nextech Group, Morpholytics, and Cyberextruder. There are also opportunities to work on projects in the federal, state and local governments, including the city of Newark, the New Jersey Governor's Office, and the FBI.

NJIT AT A GLANCE

- New Jersey's Science and Technology University, founded in 1881.
- Enrollment of just over 8,200 undergraduate and graduate students in six schools allows small-college intimacy with big university resources.
- 45-acre campus with a recently-completed \$83-million construction program featuring a new Campus Center.
- A *U.S. News and World Report* "Top National University" and a *Princeton Review* "Best College."
- Ranks 9th in the nation in diversity with students from more than 100 countries.
- 13:1 faculty-student ratio.

FOR FURTHER INFORMATION

Professor Marvin Nakayama
(973)-596-3398
marvin@njit.edu
cs.njit.edu/academics/

TO APPLY:

Office of University Admissions
admissions@njit.edu
800-925-NJIT
www.njit.edu/admissions/undergraduate/applying/index.php