

Why Study IS at NJIT?

- NJIT's IS grads place among the highest-paying and most plentiful jobs nationally.
- A pragmatic alternative to an MBA, with a people-centered application design focus.
- Welcomes students from all educational backgrounds, which creates a great diversity of experience and knowledge.
- Very flexible degree, with many elective tracks to fit your interests.
- Co-op and internship opportunities with major local companies.
- Study part-time or full-time.
- Low tuition rates.
- Many research opportunities with IS professors.
- MS program courses can all count towards NJIT's IS Ph.D. program.
- Location: The region has a high concentration of business and industry. NJIT is ½ hour from midtown Manhattan by train.



What Our Students Say

The IS program has made me more confident to step into the business world with the right combination of technical and managerial skills. The professors are really knowledgeable, encouraging, helpful and keenly devoted to set up the potential in students for problem-solving and generating innovative ideas.

Nithya Raman - MS Student

It is a near perfect program to prepare a manager to represent the technology department at the highest levels of an organization.

Derek Linebarger - MS Alumnus

I especially enjoyed the courses on Business Process Innovation and Enterprise Architecture. The courses were highly interdisciplinary. They involved good business domain knowledge and solid technical know-how.

Murtaza Lukmani - MS Student

Professors brought in expertise both from academic research and from their practical experience in industry. This open-minded and supportive environment infused me with a great sense of opportunity and excitement about the future. In short, the MS program gave me the vision and the technical skills to make my contribution to a better world.

Samuel Vilain - MS Alumnus

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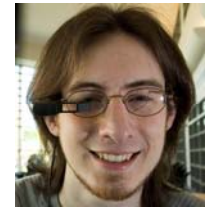
NJIT Admissions
www.njit.edu/admissions
(800) 925-NJIT



COLLEGE OF COMPUTING SCIENCES

MS in Information Systems

The intersection between people and computing technology



is.njit.edu

THE EDGE IN KNOWLEDGE

What are Information Systems (IS)?

Information systems enable people to access the information they need, to collaborate, and to conduct their jobs and personal activities effectively.

IS professionals design computing systems that provide information to support decision making of individuals and organizations. They serve as the critical link between the technical areas and all other areas of organizations. They understand both people and the computing environment as an integrated whole.

Information systems are used everywhere, including business, health care, science, government, community and personal life.



What will I learn?

- Management information systems
- Technology skills
- The processes, information flows and requirements within organizations
- To design innovative and creative business systems

IS Focus
Analysis
Design
Evaluation
Quality Control
Collaboration
for
information,
web and
communication
systems

What jobs can I get?

IS jobs are among the *highest paying* and *fastest growing*, according to the U.S. Department of Labor.

IS grads assume positions of responsibility and leadership in corporations, small businesses, government and community organizations. Modern enterprises depend on IS specialists, valuing their ability to design computing solutions.

Sample IS Job Titles

business systems analyst/designer
web application designer/evaluator
business systems integrator
information system auditor
database designer/auditor
information security specialist

What courses will I take?

- Core IS and management courses
- Core technology courses
- Elective courses (four courses from several of the following tracks)
 - Data Management
 - Decision Making & Knowledge Management
 - Electronic Commerce
 - Emergency Management
 - Human Computer Interaction: Communication Design / Interaction Design
 - Network Management
 - Security and Auditing
 - Software Systems
 - Systems Analysis and Design
 - Research and Pre-Ph.D.

Specialization Tracks



What can I study?

- Innovation and support for organizational processes, information flows and decision making
- Quality assurance and auditing of information and database systems
- Security analysis, design and auditing of information and database systems
- Managing information systems and computing support departments
- Search, mining and analysis of digital libraries
- Crisis management and business continuity
- Enterprise architectures
- Analysis, design, integration and evaluation of:
 - Knowledge-management, customer care, e-commerce and crisis response applications
 - Database, web and multimedia business applications
 - User interfaces and the user experience
 - Pervasive, mobile and ubiquitous computing
 - Social networking applications

