

Why Study Web & IS at NJIT?

- State-of-the-art IS curriculum.
- NJIT's Web and IS grads garner the highest-paying and most plentiful jobs.
- Strong Co-op and Internship programs with major local companies.
- Very flexible major, with many specialization tracks and application environments to fit your interests.
- The NJIT Information Systems degree is the first fully accredited IS program in the State of New Jersey.
- Provides a hands-on, application design focus, with a solid technological foundation (as opposed to a pure theory or a management orientation).
- Provides career preparation for technical, management, project management or business application team leadership.
- Location: Modern campus in the University Heights community. Only ½ hour from NY City by train!
- Pre-med & Elementary/Secondary Education Certification options.
- Study part-time or full-time.
- Undergraduate research opportunities with IS professors.



What Our Students Say

The best thing I have found at NJIT is professors who actually care about their fields and the classes that they teach. They often include their own projects and experiences allowing you to see what goes on in the real world instead of plain classroom lectures.

Living on a compact campus is really convenient because you don't have far to walk for classes and you see your friends and classmates more often. **Nate Laws - IS Major**

In order to be best prepared for a career amidst the ever-changing landscape of Information Systems, I knew that a strong educational foundation was necessary. My choice of NJIT, with both an exceptional faculty and a curriculum that reflects the latest the Information fields have to offer, indeed has given me more confidence in my future by the day.

Michael Tuccillo - IS Major

The most important resources within the IS program at NJIT are the professors. They know you by name and provide insight on real life Information Systems scenarios. The reliability and consistency of their approach supported me in my educational growth.

Raymond Benoit - IS Alumnus

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COLLEGE OF COMPUTING SCIENCES

BS in Web & Information Systems

*Working the Web
Driving the Internet Economy*



Department of Information Systems
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.

Information systems are the driving force behind our internet-based economy.

IS professionals design web-based and traditional application systems that provide information to support decision making for individuals and organizations. They serve as the critical link between the technical areas and all other areas of organizations.

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



What Will I Learn?

- Web systems design & IS concepts
- The processes, information flows and requirements within organizations
- To design innovative and creative business systems
- To evaluate individual and organizational impacts of web & information system applications

The IS Focus

Analysis
Design
Evaluation
Quality Control
Collaboration
for
web,
information &
communication
systems

What Jobs Can I Get?

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

Web and IS graduates move into positions of responsibility and leadership in corporations, small businesses, government and community organizations. Modern enterprises depend on IS specialists, valuing their ability to design innovative, effective computing solutions meeting complex organization objectives.

Web & IS Job Growth

Network/Communication Analysts	53%
Software Engineers/ Application Analysts	47%
Database Administrators	29%
Network/Systems Administrators	27%
Computer Systems Analysts	29%

Projected job growth between 2006 and 2016, from U.S. Department of Labor www.bls.gov, October 2009

Web & IS Salaries

Web Content/Interface Designer	\$56K
Business Systems Analyst/Designer	\$59K
Information Systems Coordinator	\$64K
Database Analyst	\$63K
Application Systems Analyst	\$64K

Median entry salary levels in the metro-NY region, from www.salary.com, October 2009

What Courses Will I Take?

- Core web & computing courses
- Capstone team project in a local company
- IS Application Environment (five courses)
 - Communications & Media
 - Business (includes Business minor)
 - Legal Arts & Criminal Justice
- Specialization Track (four courses)
 - IS security, auditing & crisis response
 - Intelligence & decision support
 - Human-computer interaction
 - Systems analysis & design
 - Network applications
 - Management of IS
 - Web engineering
 - Database design
 - Virtual worlds
- Co-op & Internship program (*optional*)



What Web & IS Topics Can I Study?

- Web, Social Networking & Multimedia Applications
- User Interfaces & the User Experience
- Search Engine Design
- Web & Data Mining
- Design of Recommender Systems
- Databases on the Web; Databases behind Web Systems
- E-Commerce Design
- Content Management Systems
- Computer Supported Cooperative Work