

Information Technology

Master of Science in Information Technology

SCHOOL OF BUSINESS
Online and On Location



Southern
New Hampshire
University 

Master of Science in Information Technology



Advance your career or pursue a new one in the analysis, design, creation and management of information technology systems with an MS in Information Technology at Southern New Hampshire University. In addition to adding to your IT and managerial skill sets, this MS program gives you the opportunity to focus your studies directly on your area of interest. Earn a concentration in Game Design and Development, Database Design, Healthcare Informatics, Internet Security or Web Design.

Pursue your MS in Information Technology and develop the technical, problem-solving and business management skills you will need to succeed in your IT career:

- Prepare yourself for CIO, CTO and other management positions.
- Develop technical competencies alongside practical project management skills.
- Learn about emerging technologies, tools and approaches in IT.
- Develop additional technical competency through concentrated studies and optional internships.

MS in Information Technology course work covers such areas as:

- Advanced information systems
- Operating and object-oriented systems
- IT project and team management
- Computer simulation and modeling
- Telecommunications
- IT strategy

Concentrations in the MS in Information Technology Program

Game Design and Development

The Game Design and Development Concentration combines the solid skills of an advanced IT curriculum with the creativity and process that goes into game design to deliver an unmatched set of skills. You will gain a greater understanding of the conception, design and development of original game experiences, including important technical and business strategies and resources. Expand your knowledge of user experience and design and apply the latest IT technology and techniques to the games people want to play.

Database Design

The MS in IT Database Design Concentration gives you real-world experience in database design applications, providing you with a distinct competitive advantage. Classes marry theoretical concepts to practical applications of database design, analysis and management. IT faculty are at the cutting edge of database design, bringing highly regarded expertise and insight to the classroom. Expand your knowledge of interface design, object-oriented design, data management and data security.

Healthcare Informatics

Take advantage of growing employment opportunities in medical informatics by expanding your understanding of information technology, data and the healthcare environment. The concentration builds upon the MS in Information Technology course work to advance your understanding of IT applications used by a range of healthcare organizations. Delve into healthcare strategies for implementing systems to become a valued developer and manager of health information systems that benefit both patients and medical staff.

Internet Security

With the ever-growing use of the Internet to conduct business, an advanced understanding of Internet security can be valuable whether you're an executive, IT network professional or IT system administrator. The knowledge and skills gained by earning an MS in IT with an Internet Security Concentration will play an important role in advancing your career. The program's Internet security classes, including lab-intensive course work, expose you to the latest Internet security measures and information security techniques. Gain a deeper understanding how to protect networks, communication, and data — as well as how to plan, implement and manage enterprise-level security, systems integrity and recovery.

Web Design

Earning an MS in IT with a Web Design Concentration will provide the background you need to grow your career as a web designer. This program gives you a solid foundation in information technology and real-world applications in web design, allowing you to create and maintain interactive and e-commerce websites. Learn how to design and build applications that manipulate data in a shared database on a network, and gain firsthand experience in user interface design, object-oriented design, data management and data security.

MS Information Technology – Why SNHU?

SNHU has an 80-year history of educating successful professionals. Our online programs, offered since 1996, have won Best of Business, Best Buy and other prestigious Internet awards.

- Online and on-campus classes.
- Complete course work from anywhere, when it's convenient for you.
- No upfront payment with employer tuition reimbursement.
- No GRE or GMAT required.
- A traditional, affordable, Tier 1 private university.

MS Information Technology – Industry Outlook

The demand for a new breed of IT professional is growing, and an MS in IT degree from SNHU can help you develop the specialized skill set that is in demand. Your ability to leverage information technology applications for informed decision-making throughout an organization can position you for a valued leadership role in a broad range of industries. Professional positions in the IT field are expected to increase by 41 percent (49 percent for systems analysts) through 2016, according to the U.S. Bureau of Labor Statistics.

Accreditation

New England Association of Schools and Colleges
Association of Collegiate Business Schools and Programs
European Council for Business Education



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