

ABOUT THE PROGRAM

- > Learn to use health informatics technology to facilitate better communication between health providers and IT professionals
- > Gain skills in needs analysis, system design and analysis, systems setup and implementation, and software quality assurance
- > Improve your abilities in product specification, product management, and customer support of health care information systems
- > Contribute to the improvement of the outcome and delivery of health care

CURRICULUM OUTLINE

Required Core (9 semester hours)

- > Introduction to Health Informatics and Health Information Systems
- > The American Health Care System
- > Capstone Project

Health Informatics Courses (6 semester hours, choose two)

- > Health Information Systems Lab
- > The Business of Health Care Informatics
- > Creation and Application of Medical Knowledge

Technical Courses (6 semester hours, choose two)

- > Database Design, Access, Modeling, and Security
- > Strategic Topics in Programming for Health Professionals
- > Data Management in Health Care
- > Key Standards in Health Informatics Systems

Business Management Courses (6 semester hours, choose two)

- > Organizational Behavior, Work Flow Design, and Change Management
- > Project Management
- > Management Issues in Health Informatics
- > Strategic Management and Leadership in Healthcare

Elective Courses Courses (6 semester hours, choose two)

- > Design for Usability in Health Care
- > Emerging Technologies in Health Care
- > Introduction to Genomics and Bioinformatics
- > Legal and Social Issues in Health Informatics
- > Public Health Surveillance and Informatics
- > Evaluating Healthcare Quality

Total Degree Requirements (33 semester hours)

- > Full-time students typically complete this program in two years

INDUSTRY INFORMATION

23%
Growth

of occupations in the field by 2020 (projected)

U.S. Bureau of Labor Statistics

100%

Job placement rate for recent MS Health Informatics Graduates

Get Started

- > Visit our website and apply
- > Boston, Seattle, Charlotte, and 100-percent online
- > Fall and spring start options

Related Degrees

- > MS in Computer Science
- > MS in Bioinformatics
- > Graduate Certificate in Health Informatics Management and Exchange
- > Graduate Certificate in Health Informatics Privacy and Security
- > Graduate Certificate in Health Informatics Software Engineering

“Our program has excellent faculty with advanced industry knowledge who are associated with reputed healthcare organizations. There is a huge growth opportunity in this industry, and this program and its faculty can secure your future.”

— Rakesh Kamdar, MS Health Informatics

THE NORTHEASTERN NETWORK

The Master of Science in Health Informatics builds on Northeastern's expertise in experiential learning and real-world problem solving, and connects students to our Global Network of more than 3,000 employer partners and 200,000 alumni.