Master of Science in **Healthcare Informatics**
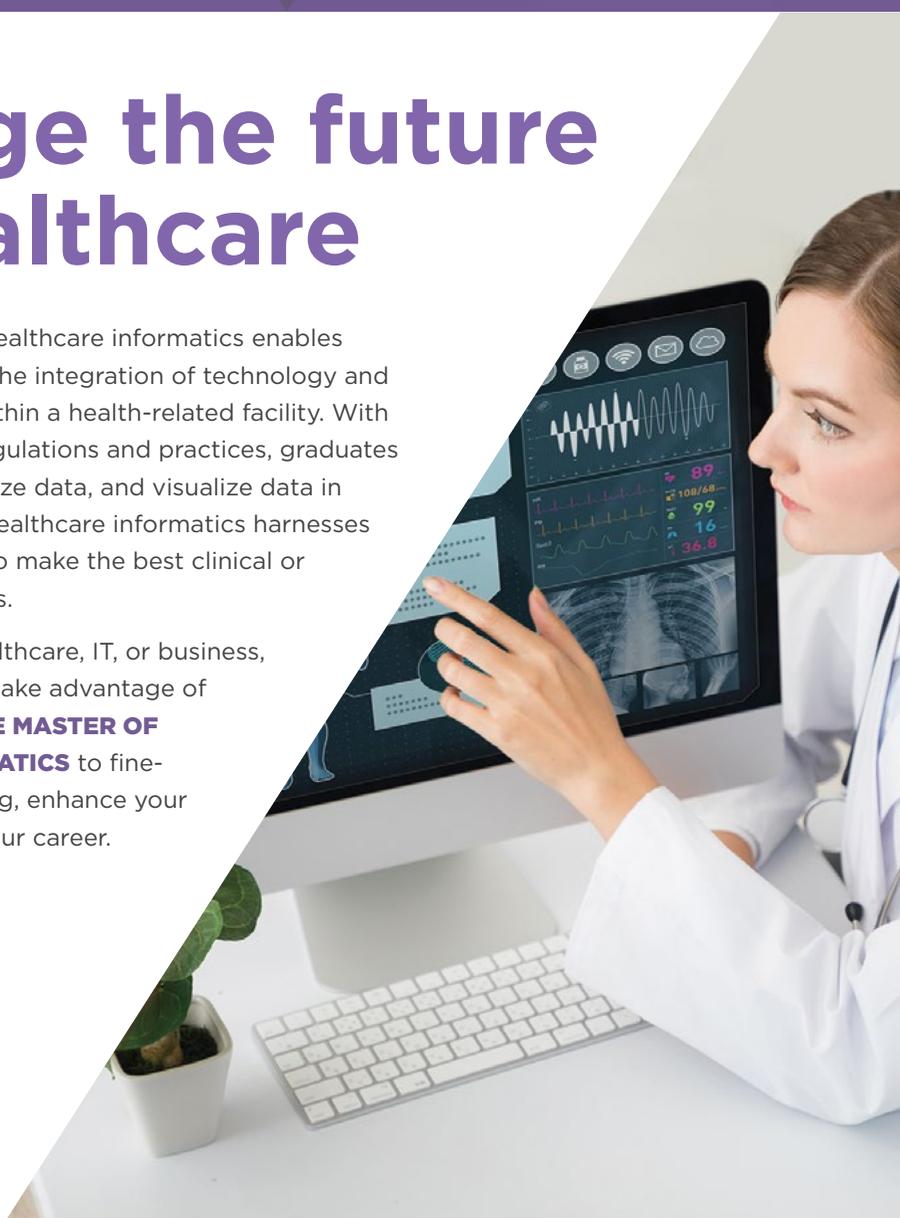
Change the future of healthcare

A graduate degree in healthcare informatics enables individuals to manage the integration of technology and information systems within a health-related facility. With an understanding of regulations and practices, graduates can lead projects, analyze data, and visualize data in ways that tell a story. Healthcare informatics harnesses and manipulates data to make the best clinical or organizational decisions.

If you're working in healthcare, IT, or business, you are well-poised to take advantage of our **18-MONTH, ONLINE MASTER OF HEALTHCARE INFORMATICS** to fine-tune your understanding, enhance your skillset, and advance your career.

chatham.edu/mhi

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The Master of Science in Healthcare Informatics is a program within Chatham University's **SCHOOL OF HEALTH SCIENCES.** The School of Health Sciences has developed a strong reputation for its sought-after healthcare professionals. From high licensure or board pass rates to advanced clinical aptitude, our graduates enter or advance their careers ready to meet the needs of patients and clients, and contribute to improving the quality of care their organizations deliver.

The Master of Science in Healthcare Informatics offers the interdisciplinary study of the design, development, adoption and application of IT-based innovations in healthcare services delivery, management, and planning (U.S. National Library of Medicine, 2014).

PROGRAM HIGHLIGHTS

- Classes led by faculty who are experts in the field of healthcare informatics and are carefully screened and approved
- Small classes taught by engaged faculty and subject experts who are well versed in theory and practice
- 18-month, five-term online program allows flexibility for working professionals
- Develop a portfolio of projects and a network of fellow professionals
- All students are required to complete a 120-hour internship implementing a project that they have outlined in previous courses

OUTCOMES

By the end of the program, you'll be able to:

- **Integrate technology and information systems** to support evidence-based decision-making
- **Analyze current regulations and practices** around healthcare and clinical data
- **Analyze data** and write reports related to patient and/or system outcomes
- **Analyze workflow processes** in various clinical settings to improve the healthcare delivery process
- **Manage communications and relationships** between system developer and interprofessional clinical users

SAMPLE COURSES

Foundational Data Analytics

This course explores data literacy, visual literacy, and the ways in which outcomes depend on the integrity of data, the analysis of data, and the need for clearly defined report writing. Students will manipulate data for analysis and interpretation to conduct and/or contribute to data analytics projects. (Pre-req HCI 651)

Virtual Engagement to Improve Health

This course will introduce students to the virtual world of clinical and health information including patient education, telehealth/telepharmacy, and social media. Students will engage in virtual activities that transform the traditional role of interprofessional healthcare providers.

Informatics Immersion

This course provides students the opportunity for immersion in an informatics project that requires integration of previous coursework content. The project idea will be developed and carried out under the guidance of an external mentor in the field of informatics during the course.

▶ chatham.edu/mhi/curriculum.cfm

WHO IS IT FOR?

The MS in Healthcare Informatics can benefit employees in many careers, including:

- Nurses of all specialties
- Respiratory therapists
- Social workers
- Physicians
- Occupational therapists
- Physical therapists
- Nutritionists
- Business personnel
- Human resource staff
- Administrative managers
- Laboratory staff
- Radiology technicians/staff
- Accounting/financial managers
- Information technology analysts, managers, software developers, etc.

WHERE IT WILL TAKE YOU

Healthcare informatics is in demand in a variety of settings including:

- Hospitals/rehabilitation centers
- Private healthcare practices
- Software companies
- Healthcare consulting companies
- Medical device and medical technology companies
- Public health organizations
- Government and non-governmental agencies and healthcare associations
- Insurance companies
- Research laboratories

Looking to quickly acquire valuable healthcare informatics skills, but unsure if the full master's is right for you at this time? Chatham also offers a **HEALTHCARE INFORMATICS GRADUATE CERTIFICATE**—a 12-credit, fully-online graduate certificate that prepares professionals to thrive in areas where business, technology, and healthcare meet. **Visit www.chatham.edu/mhi to learn more.**

"Evidence-based practice is a standard that's being applied to all facets of healthcare. Healthcare informatics combines technology and information to compile this evidence, and uses it to make the best clinical or organizational decisions possible."

— DEBRA M. WOLF, PH.D., MSN, BSN, RN
director, healthcare informatics program

LEARN MORE

chatham.edu/mhi

Chatham University
Office of Admission
Woodland Road
Pittsburgh, PA 15232
800-837-1290 or 412-365-1825
gradadmission@chatham.edu

APPLICATION REQUIREMENTS

- Completed Application Form, which can be found at apply.chatham.edu/graduate
- A bachelor's degree from an accredited college or university
- Overall undergraduate grade point average (GPA) of 3.0 or above on a 4.0 scale
- Previous undergraduate course in statistics recommended
- Official transcripts from all colleges and universities attended
- Copy of a current resume and a 500-word essay describing the professional goals you hope to achieve and how this degree will help you achieve these goals
- Two letters of recommendation

Applications are accepted year-round.

▶ **Apply online at chatham.edu/apply**

FUNDING & SCHOLARSHIP OPPORTUNITIES

Employees of many Pittsburgh companies and organizations are eligible for an automatic 20% discount on tuition, as part of our **Corporate Benefits Plan**. To see if yours is included, visit chatham.edu/extendedbenefits.

The **Dr. Wolf Healthcare Informatics Student Award** was established in spring 2018 by the first graduating class of the Master of Science in Healthcare Informatics program. The award is offered yearly to students enrolled within the MHI program. For award criteria and to apply, visit chatham.edu/mhi/student-award.cfm.

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