Master of Science in Information Technology (MSIT) Concentration in Healthcare Informatics

Today, data can be found everywhere—and it's particularly abundant in the field of healthcare. As data becomes an ever more crucial aspect of modern health systems, both private industry and the government need professionals who can help stakeholders meet their goals while protecting health data and keeping patient information private.

AIU's Master of Science in Information Technology degree with a concentration in Healthcare Informatics is designed to help you work to develop industry-relevant knowledge, skills, and abilities utilized—as well as study new and evolving trends—in the field of health informatics. The program includes problem-based and hands-on learning to help students prepare for the challenges of day-to-day life in the health informatics field.

CURRICULUM INCLUDES

In this industry-focused curriculum, our health informatics courses provide the opportunity to learn how to design, analyze, test, and implement systems. Students can explore software development management, global technology management, enterprise architecture, and technological innovations. The program also focuses on technical communications and the use of industry software tools, as well as legal and ethical issues, such as:

Global Technology Management: focuses on the global nature of technology and the management of technology in the international business environment. Key concepts can include risk management, legal and ethical issues, cooperation, and competition.

Healthcare Databases and Security: examines healthcare databases, focusing on administrative, financial, and clinical use, as well as analyzing their strategic use and security. Topics include strategic planning, warehousing, privacy, regulations, compliance, and technology.

Healthcare Administration Informatics: surveys the healthcare informatics landscape and examines administrative best practices for managing healthcare data and transitioning that data into informatics. Students will have the opportunity to explore healthcare informatics trends and technologies.

Healthcare Informatics Related Laws and Ethics: focuses on current laws relevant to healthcare informatics and ethical issues. Case studies are explored and ethical and social issues are analyzed with regards to current polices, regulations, and laws.

WHY AIU?

AIU offers a streamlined, real-world curriculum and flexibility designed to help you schedule school around your life, not the other way around.

To accommodate busy lives, we offer full- and part-time program options and transfer-in credit* for eligible college, work and military experience, which could cut down on the time it takes to earn a degree.

American InterContinental University™ is part of the American InterContinental University System, which is accredited by the Higher Learning Commission (hlcommission.org), a regional accreditation agency recognized by the U.S. Department of Education.

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2021
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COLLEGES

* Transfer credits are evaluated on an individual basis. Not all credits are eligible to transfer. See the University Catalog for transfer credit policies.

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Master of Science in Information Technology
(MSIT) Concentration in Healthcare Informatics

The goal of the Master of Science in Information Technology degree with a concentration in Healthcare Informatics is to provide students with knowledge, skills, and abilities relevant for the healthcare informatics field. Students interested in studying in a health informatics master's program may be interested in pursuing a leadership role in the fields of healthcare IT administration, clinical informatics, or healthcare data analytics.

INDUSTRY-FOCUSED CURRICULUM
In this specialized curriculum, students have an opportunity to study skills needed to analyze, design, and apply processes and techniques specific to healthcare informatics. This program gives students the opportunity to design a healthcare data warehouse, evaluate regulatory requirements, and analyze healthcare informatics as a business solution.

TAUGHT BY EXPERIENCED PROFESSIONALS
AIU's MSIT program is taught by a team of experienced professionals who bring their real-world perspectives into the classroom. This approach can help students better understand the qualities and skills utilized in today's information technology industry.

OUTCOMES

WE CAN HELP YOU LEARN HOW TO:

- Assess and design IT architecture and systems for solutions to business needs.

- Design plans for IT projects, programs, and operations.

- Communicate technical information to internal and external stakeholders, including those with and without technical knowledge.

- Research, evaluate, and select appropriate technologies to support business requirements.

- Demonstrate the ability to manage processes specific to healthcare informatics.

REQUIRED COURSES

CORE COURSES

ITHI 500	Healthcare Databases and Security	4.5
ITHI 510	Healthcare Administration Informatics	4.5
ITHI 520	Healthcare Informatics Related Laws and Ethics	4.5
ITCO 502	Systems Analysis and Design	4.5
ITCO 512	Advanced Technical Communication	4.5
ITCO 522	Software Development Management	4.5
ITCO 532	Global Technology Management	4.5
ITCO 542	Enterprise Architecture	4.5
ITCO 552	Innovations and Emerging Media	4.5
ITCO 592	Capstone	4.5

Total MSIT Degree Requirements   **45 Credits**

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