Health informatics is an evolving specialization that links information technology, communication, and healthcare to improve the quality and safety of patient care. It is synonymous with the growing science behind health information technology. Graduates of this program will be prepared to apply informatics concepts, theories, and practices to real-life situations, in order to achieve better health outcomes.

The rapid growth of this emerging field is driven by the acceleration of electronic health records, which store and share health documents with all providers involved in a patient’s care. According to the U.S. Department of Labor’s Bureau of Labor Statistics, employment opportunities in this developing field are projected to grow by 22 percent through 2022.

Bachelor’s Degree
- Bachelor’s of Science (B.S.) in Management Information Systems
- Health Care Informatics
- Undergraduate Minor in MIS

Career Paths
- Clinical Informatics Liaison
- Informatics Consultant
- Research Informatics Analyst
- Health Informatics Scientist
- Public Health Information Officer
- Health Application Designer
- Quality Improvement Specialist
- Database Administrator
- Corporate Technology/Innovation Officer
- Consultant

Distinction
- The UIS Management Information Systems B.S. is one of the few stand-alone undergraduate programs in the country. Most universities offer M.I.S. as a concentration, part of a Business Administration degree. The distinction is an important one in an increasingly technical world.

http://mis.uis.edu/
Bachelor’s Degree

PROGRAM HIGHLIGHTS

The degree provides students with skills in both business and management information systems, which sets one apart from having simply a traditional foundation in computer science. The degree-holder is in a key position to provide solutions so that present companies, non-profit organizations, and government agencies, may achieve their goals.

Students in the program gain expertise from a holistic business perspective, rather than a micro-level or a science perspective. Students are able to combine their knowledge of computing and organizations to bridge the gap between technical and business specialists. Not surprisingly, M.I.S. professionals are often part of the leadership team, advising CEOs, COOs, and CFOs.

B.S. IN M.I.S. – HEALTH CARE INFORMATICS CONCENTRATION

Complete university requirements – a minimum of 10 credit hours of Engaged Citizenship Common Experience (ECCE) courses.
Complete core courses required by the College of Business and Management – 21 credit hours.
Complete MIS Major course work – 36 hours

Samples of courses:

Health Care Informatics Programming
Enterprise Architecture
Data and Information Management
Human-Computer Interaction Design
Health Care Information Systems Security
System Analysis and Design
Networks and Telecommunications in Organizations
IS Project Management
IS Strategy Management and Acquisition

For a complete list of courses and degree requirements, see the UIS Catalog at http://catalog.uis.edu/

IMPORTANT! Information effective fall 2015. Subject to change without notice.
The information does not constitute a contract between the student and UIS.
See http://catalog.uis.edu/ for current program requirements.

INTERNSHIP REQUIREMENTS

Students in the Management Information Systems – Health Informatics degree program take the ECCE course Social Health Care Informatics instead of ECCE U.S. Communities or Global Awareness. In addition, students complete 6 hours of ECCE internship services in the area of Health Care Informatics.

ACADEMIC ORGANIZATIONS

Network with other students in the UIS Student Chapter of the Association for Information Systems.