

# HEALTHCARE INFORMATICS MASTER OF SCIENCE

SOUTHERN ILLINOIS UNIVERSITY  
EDWARDSVILLE

ONLINE

Healthcare informatics brings together computer technology and clinical expertise to effectively organize, analyze, manage and use clinical knowledge and data for problem solving and decision making. As hospitals and healthcare organizations implement new technologies to improve efficiency and meet government mandates, there is a great need for professionals trained in healthcare informatics.

#### TARGET AUDIENCE:

Bachelors degree prepared individuals interested in a career in healthcare and healthcare technologies.

#### ADMISSION REQUIREMENTS:

- Graduate School application and \$40 fee
- Submission of all academic transcripts
- Completion of a baccalaureate degree with a minimum GPA of 2.75/4.0
- Evidence of completion of an undergraduate or graduate statistics course with a grade of C or better
- Statement of Purpose: A written statement describing their background in healthcare and/or information technology and their reasons for pursuing a graduate degree in healthcare informatics

**COST:** \$458.40 per credit hour. Use the tuition and fee estimator at: [www.siu.edu/paying-for-college/estimator/](http://www.siu.edu/paying-for-college/estimator/)

#### REGISTRATION PROCEDURE:

Students work with a faculty advisor throughout their program. Students register themselves for classes using a student registration system. Degree-seeking graduate students should contact their Graduate Program Director or designated advisor to discuss their plan of study.

#### ACADEMIC CALENDAR:

Classes begin in August, October, January, March, May, and July. Classes may be offered in 8 week terms.

**DELIVERY MODE:** Fully Online

#### TEXTBOOK PURCHASE:

The cost of textbooks is included in the student fee and students only pay for shipping if they use the rental system. Your faculty advisor can provide additional information or visit [www.siu.edu/textbook/index.shtml](http://www.siu.edu/textbook/index.shtml)

**HOURS:** 36

#### TRANSFER HOURS POLICY:

The Graduate School accepts as transfer credit a maximum of one-third of the total number of hours required for a graduate degree or a certificate program. Some programs may have more restrictive policies limiting transfer credit to less than one-third of the total hours required in their programs; in such cases, the Graduate School conforms to program limitations. Credit can be added to a graduate student's official record only upon approval by the Dean of the Graduate School.

#### SPECIAL CHARACTERISTICS:

This premier graduate program combines the specific information technology needs of healthcare professionals with the professional expertise of the faculty in the SIUE Schools of Business, Education, Health and Human Behavior, Engineering, and Nursing. Healthcare informatics at SIUE will provide you with skills and perspective in planning, designing, implementing and using information technologies. The program is designed for clinical employees who have technology-based responsibilities or those who are interested in moving their careers in that direction. This program provides a unique opportunity for healthcare professionals to leverage prior education and experience to provide leadership to teams using technology to improve patient healthcare options. The health informatics accreditor of Southern Illinois University Edwardsville is the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). The College's accreditation for the Master of Science degree in Healthcare Informatics has been reaffirmed through 2027-2028. All inquiries about the program's accreditation status should be directed by mail to CAHIIM, 200 East Randolph Street, Suite 5100, Chicago, IL, 60601; (312) 235-3255; or [info@cahiim.org](mailto:info@cahiim.org).

#### CONTACT PERSON(S):

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#### WEBSITE:

[www.siu.edu/academics/graduate/degrees-and-programs/healthcare-informatics/](http://www.siu.edu/academics/graduate/degrees-and-programs/healthcare-informatics/)

#### REQUIRED COURSES:

NURS 509 (3 credit hours): Interdisciplinary Healthcare Informatics  
NURS 511 (3 credit hours): Social, Ethical and Legal Issues in an Informative Age  
NURS 512 (3 credit hours): Managing Quality and Safety in Healthcare  
CMIS 515 (3 credit hours): Project Management Standard Process  
CMIS 517 (3 credit hours): Systems Analysis Methodologies for Healthcare Informatics  
CMIS 518 (3 credit hours): Seminar in CMIS: Information Security  
PBHE 537 (3 credit hours): Healthcare Informatics -Introduction to Epidemiology  
IT 508 (3 credit hours): Seminar in IT: Instructional Design and Media Selection for Healthcare Informatics  
PSYCH 576 (3 credit hours): Graduate Seminar in Organizational Development  
CS 430 (3 credit hours): Information Storage and Retrieval  
CS 560 (3 credit hours): Information Discovery in Electronic Healthcare Records  
HCIM 596a (1 credit hour): Capstone I  
HCIM 596b (1 credit hour): Capstone II  
HCIM 596c (1 credit hour): Capstone III