HEALTH INFORMATICS, M.S.

Program Mission and Description

The mission of the Master of Science in Health Informatics (MSHI) program is to provide students with high-quality education and training that will make them valuable employees in today’s data- and information-driven health care enterprises. The program provides multidisciplinary education and training in the organizational, technical, and clinical/medical aspects of health care. The MSHI emphasizes the application of information systems and information systems management for medical research and clinical information technology support and the development of advanced imaging, database, and decision systems.

The program requires at least 4 semesters of coursework including an educationally directed practicum experience. The total number of credits includes at least 33 post-baccalaureate hours of study. Because this graduate degree focuses both on didactic and clinical applications, the program is a combination of classroom and clinical application credits. Graduate level credits will be provided for supervised practicum. The program is an accepted entry level for accreditation in the health informatics field.

Accreditation

The Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM) accreditation was awarded to the Master of Science in Health Informatics degree program for 2013 through 2023.

Admission Requirements

Applicants should follow the admissions process described in the Graduate Catalog, or at the Graduate Admissions website at www.marshall.edu/graduate/admissions/how-to-apply-for-admission. (Submit all materials to the Graduate Admissions Office.)

Students must have an undergraduate Grade Point Average (GPA) of 3.0 or higher on a 4.0 scale for all previously completed undergraduate university work and GRE score.

Program Requirements 33 hrs.

NOTE: Students with no informatics background may be advised to take additional foundational informatics courses.

Students must take courses from 3 colleges:

College of Health Professions Courses
HP605: Medical Vocabularies and Classification System...........................................................3 hrs.
HP615: Health Quality and Safety....................................................................................................3 hrs.
HP650: Health Informatics Practicum...............................................................................................3 hrs.

College of Business Courses
MIS 678: Management Information Systems....................................................................................3 hrs.
HCA600: The Health Care System....................................................................................................3 hrs.
HCA 656: Management of Health Care Technology and Information Systems................................3 hrs
MIS 680: Health Care Communications Technology and Telematics.............................................3 hrs.

College of Information Technology and Engineering Courses
IS 623: Database Management.........................................................................................................3 hrs.
EM 660: Project Management...........................................................................................................3 hrs.
IS 665: Health Informatics; or elective...............................................................................................3 hrs.
TM 664: Health Informatics...............................................................................................................3 hrs.

CONTACT:

Dr. Girmay Berhie
Gullickson Hall 107 | 304.696.2718 | berhie@marshall.edu