**health informatics**

**Master of Science in Health Informatics (M.S.H.I.) Degree**

**DEGREE INFORMATION**

**Program Admission Deadlines:**

**Fall:** February 15

**Spring:** October 15

**Summer:**  February 15

**Minimum Total Hours:** 32

**Program Level:** Masters

**CIP Code:** 51.2706

**Dept Code:** MED

**Program (Major/College): HIF/**MD

**Approved:** 2013

**Concentrations:**

Healthcare Analytics

**CONTACT INFORMATION**

**College:** Medicine

**Contact Information:** [www.grad.usf.edu](http://www.grad.usf.edu/)

**PROGRAM INFORMATION**

The Master of Science in Health Informatics degree offers a curriculum which integrates the domains of

information science, information resources management and health care organization and management.

**Accreditation:**

Accredited by the Commission on Colleges of the Southern Association of College and Schools.

**ADMISSION INFORMATION**

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

**Program Admission Requirements**

* $65 non-refundable application fee

The breakdown of this fee is as follows:

* + $30.00 USF’s Application Fee
  + $35.00 Transcript Procurement Fee
* A bachelor’s degree from a regionally accredited university in the biological, chemical, computer or management information sciences or other appropriate field, or the equivalent bachelors and/or graduate degrees from a foreign institution.
* Minimum overall grade-point average of 3.00 out of a possible 4.00 with a minimum grade point average of 3.00 in the sciences
* Transcripts from all colleges and universities attended
* Resume
* Two Letters of Recommendation
* While these are not required, GRE, MCAT or VAT standardized test scores or evidence of substantial health informatics experience can be submitted to enhance an application.
* An example is if a student has a GPA below 3.0 and wishes to prove he will be a positive addition to the school.

Note: F-1 student visa regulations allow students to enroll in only one 3-credit hour online/distance learning course per the official full-time equivalent for the degree level of study. Therefore, the F-1 visa is not appropriate for any degree program that is offered completing via distance learning or online courses. International students may pursue an online program from outside the US, n which case an I-20 is not required.

Applicants who do not require a visa who are from countries where English is not the official language must demonstrate proficiency in English\* in one of the following ways

* By providing scores of 79 or higher on the Test of English as a Foreign Language (TOEFL iBT)
* By providing a score of 6.5 or higher on the International English Language Testing System (IELTS)
* By earning a score of 500 (or equivalent) on the GRE Verbal Exam
* By earning a baccalaureate or higher degree at a regionally accredited institution in the U.S.
* By earning a degree at a foreign institution where English is the language of instruction (must be documented on the transcript)

**Proof of Residency**

* 1. Applicants who are not U.S. citizens, but are residing in the U.S., must provide a copy of a U.S. Visa or permanent resident card.
     1. The following VISA types **are not eligible** to take classes in these programs:
        + F-1
        + F-2
        + B-1/B-2
        + C (transit visa only)
        + D
        + J-1 student
        + M-1
        + M-2
        + The other categories could be admitted - subject to review of ability to engage in study while in the US.
     2. USF cannot issue an I-20 for a student visa to pursue this degree program.  International applicants who do not require a visa and whose current visa status allows study can apply as well as students who intend to take the entire degree from outside the US.  Please note the visa waiver program and the B1/B2 visa do not allow study in this type of program.
  2. Applicants who were born outside of the U.S. but are now U.S. citizens are required to submit proof of citizenship (naturalization paperwork or a copy of a passport).

All foreign transcripts that are not in English must be accompanied by a certified English translation and a course-by-course credential evaluation from any National Association of Credential Evaluators, Inc (NACES) or the Association of International credential Evaluators, Inc. (AICE) approved agency certifying equivalency to the U.S. degree. Documents signed by a notary or other public official with no educational affiliation will not be accepted.

**DEGREE PROGRAM REQUIREMENTS**

Total Minimum Program Hours 32 credit hours

**CORE REQUIREMENTS 26 hours**

Required Courses (11 hours)

HIM 6667 Foundation in Management Information Systems 3

HIM 6017 Legal Aspects of Health Information Systems 3

ISM 6930 Selected Topics: Health Data Management 3

HIM 6018 e-Healthcare Ethics 2

Students select either the General Pathway or the Healthcare Analytics Concentration:

General Pathway Course Requirements: (15 hours)

HIM 6840 Case Studies in Health Information Management 3

HIM 6118 Introduction to Health Informatics 3

HIM 6350 E-Medicine Business Models 3

HIM 6114 Integrated Electronic Medical Records 3

HIM 6320 Managerial Communications 3

**Healthcare Analytics Concentration (15 hours):**

HIM 6116 Introduction to Healthcare Analytics 3

HIM 6200 Health Data Visualization 3

HIM 6120 Statistics for Healthcare Analytics 3

HIM 6665 Healthcare Data Mining and Predictive Analytics 3

HIM 6810 Health Outcomes Research 3

**Electives 6 hours**

General Pathway Electives (6 hours)

Two or more required:

HIM 6137 Pharmacy Informatics 3

HIM 6943 Health Informatics Internship 3

HIM 6908 Health Informatics Independent Study 3

MHS 6645 Mental Health Informatics 3

PHC 6934 Selected Topics in Public Health: Medical Terminology 3

ISM 6930 Selected Topics in MIS: Health Systems Analysis & Design 3

ISM 6930 Selected Topics in MIS: Health Data Mining 3

PHC 6050 Biostatistics I 3

BCH 6888 Bioinformatics 3

Concentration Electives (6 hours )

Two or more required:

HIM 6668 Healthcare Decision Support 3

HIM 6669 Applied Healthcare Analytics 3

HIM 6908 Health Informatics Independent Study 3

HIM 6670 Advanced Healthcare Analytics Applications 3

HIM 6943 Health Informatics Internship 3

HIM 6930 Medical Terminology in Health Informatics 3

**Comprehensive Exam**

**Internship Project**

For students who select the Internship option, each student will be assigned a faculty director who will oversee the internship project. Students will formally present their projects which will be shared with all program participants.

A minimum of thirty-two (32) semester hours are required and entail a minimum of 480 contact hours

**COURSES**

See [http://ugs.usf.edu/course-inventory](http://www.ugs.usf.edu/sab/sabs.cfm)