The Health Informatics Program (HI) offers a curriculum which integrates the domains of information science, information resource management, and health care organization and management. The purpose of the program is to train broadly educated individuals who are concerned with the introduction and enhancement of information technology in health care organizations. Graduates are prepared to assume positions in the strategic planning, management, design, integration, implementation, and evaluation of clinical and administrative information systems in health care enterprises. Employment opportunities exist with health care provider systems, hospitals, clinics, managed care organizations, vendors of health information systems, consulting groups, governmental agencies, and other health-related enterprises.

Credentials Conferred: Diploma—The Master of Science in Health Informatics (M.S.H.I.) degree is awarded by the University of Alabama at Birmingham.

Length of Study: Twenty-one months for full-time students. Options for part-time study are also available.

Program Entrance Date: Fall semester.

Application Deadline: Application to the program may be made beginning in September through April 30 preceding the expected date of enrollment for the next fall term. Applications received after April 30 are considered on a space available basis.

Application Procedure: The following materials must be submitted to the Admissions Coordinator, Health Informatics Program, Webb Building, Room 532, 1675 University Boulevard, University of Alabama at Birmingham, Birmingham, AL 35294-3361:

- completed UAB Graduate application form (all forms available from HI Admissions Coordinator),
- official transcripts from each college or university attended,
- scores for either the Graduate Record Examination (GRE), the Graduate Management Admission Test (GMAT), or the Miller Analogies Test (MAT),
- a statement of personal goals and a résumé,
• three reference letters, and
• if accepted, complete the UAB medical history questionnaire and physical, provide proof of required immunizations, and receive satisfactory screening by the UAB Medical Center Student Health Service.

Requirements for Admission: Applicants to the HI Program must have completed or anticipate completion of at least a baccalaureate degree from a regionally accredited college or university or from a recognized university abroad with a minimum grade point average of 3.0 (A=4.0) and a combined score of 1500 on the GRE or 480 on the GMAT or 50 on the MAT. Foreign applicants whose native language is not English must have a minimum score of 550 on the TOEFL. Students must have completed three semester hours of undergraduate coursework in introductory object oriented programming prior to matriculation.

Essential Requirements: Fundamental tasks, behaviors, and abilities necessary to successfully complete the academic and clinical/residency requirements of the program and to satisfy licensure/certification requirements, if any, have been outlined and are available upon request from the academic program office. Students requesting disability accommodations must do so by filing a disability accommodation request in writing with the academic program office.

Typical Program For Fulltime Student (Contact Program Director for part-time options)
(Course requirements are listed in semester credit hours)

Required Hours:
Core Courses: 40 hours
Internship or Project: 8 hours
Electives: 12 hours

First Year
Fall
HI 600 Analysis and Design of Health Information Systems (4)
HI 605 Communications and Networks (4)
HI 622 Financial Management for Health Professionals (3)
HI 640 Introduction to Health Informatics and Health Care Delivery (4)
Spring
HI 601 Databases and Data Modeling (4)
HI 602 Clinical and Administrative Systems (4)
HI 610 Health Care Information Resources Management (4)
HI 620 Security and Privacy in Health Care (3)
Summer
Elective (3-4)
Elective (3)
Elective (3)

Second Year
Fall
HI 615 Administrative and Clinical Decision Support Systems (3)
HI 630 Strategic Planning and Contracting for Health Information Systems (4)
HI 632 Quantitative Methods (3)
HI 655 Synthesis of Health Informatics (3) OR
HI 692 History of Health Informatics (3) OR
Elective (3)

**Spring**
HI 690 Administrative Internship in Health Informatics (8) OR
HI 698 Master's Level Non-Thesis Research (8) OR
HI 699 Master's Level Thesis Research (8)

**For further information, contact:**

Admissions Coordinator  
Health Informatics Program  
School of Health Related Professions  
Webb Building, Room 532  
1675 University Boulevard  
University of Alabama at Birmingham  
Birmingham, Alabama 35294-3361  
Telephone: (205) 934-3509  
E-mail: mshi@uab.edu

For course descriptions, see the UAB School of Health Related Professions Catalog - Course Descriptions.

Go to list of SHRP Programs of Study.