Introduction

Health information technology is the specialty in that focuses on the day-to-day activities of health information management that support the collection, storage, retrieval, and reporting of health **information.** It involves the application of information processing with both computer hardware and software that deals with the storage, retrieval, sharing, and use of health and healthcare data, information, and knowledge for communication and decision making.

Health information technology is allowing the transfer and linkage of data well beyond the walls of a health care facility.

Faculty members including 2 Associate Professors, Assistant Professors and 1 Lecturer work in the Health Information Technology Department.

Two training programs are offered by this department as follows:

- Bachelor Of Science
- Master Of Science

The Department of Health Information Technology is committed to present educational, research oriented and counseling services using creative, flexible approaches in order to produce knowledge and train expert workforce who have research capabilities in these fields. Furthermore, the department aims to create a proper environment for the growth and progress of the faculty members and other personnel, students

Health Information Technology Department
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Mashhad University of Medical Sciences

School of Paramedical Sciences

Department Of Health Information Technology

2022

Bachelor of Science in Health Information Technology

The B.Sc. of Health Information Technology (HIT) is a learning program, combining the developing field of health care with the information technology. This program prepares students to become a member of the health information management profession.

The graduates, possessing the knowledge and skills of the field, should be able to acquire the necessary health information from various sources, perform quality control of health data, do data analyses, release ethically and legally approved information and design health information systems for quality healthcare provision. They do their work in collaboration with physicians, nurses, healthcare managers and IT professionals.

Program Curriculum

Bachelor of Science in Health Information Technology lasts for 4 years and consists of 59 courses.

Courses and number of credits:

General Courses	24 Credits
Basic Courses	21 Credits
Specialized Courses	69 Credits
Field Internship	16 Credits
Total	130 Credits

Master of Science in Health Information Technology

Candidates for a master degree in Health Information Technology (HIT) should first take part in an Entrance Exam administered by Iran's Ministry of Health and Medical Education few months before the commencement of the course in autumn.

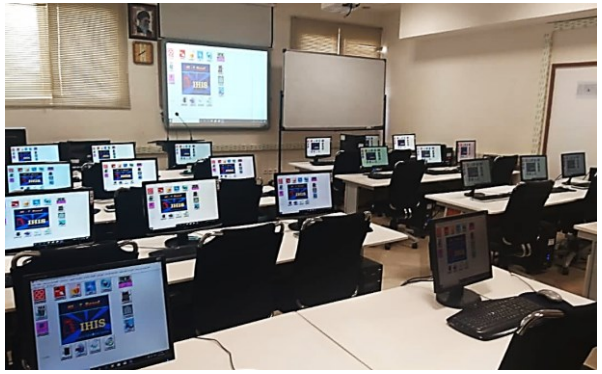
The main objective of the program is to train qualified and committed individuals who can identify and successfully sort out the information needs of various healthcare users in terms of treatment, education and research. The graduates should be able to create and apply IT tools and techniques for gathering, classifying, and analyzing data in any media format, both manually and electronically.

Program Curriculum

Master of Science in Health Information Technology last for 2 or 3 years and consist of 27 courses.

Courses and number of credits:

Prerequisite courses:	6 credits
Special Courses:	20 credits
Thesis:	6 credits
Total:	32 credits



Health Information Technology Laboratory

The Health Information Technology Laboratory was officially established in October 2001. was equipped with 25 computers (Windows 10, Office 2019; 24-port switches for LAN cable connection; electronic board device (PROMETIN), VANTEK and activInspire software; an external hard drive and DVD writer, a digital tribune; rack-and-switch (to create the internal network and practical network teaching), HP ProLiant DL server, easy cast dangle, webcams; Health information system software such as HIS, Open EMR, Open MRS; Statistics and Epidemiologic software such as ArcGIs, GraphPad Prism7; information management system such as Epi Info7.