

Master of Science in Health Informatics:

Chairmen:

Dr. Bakheet Al Dosari, PhD

Assist. Professor and Chairman, Department of Health Informatics

Study Plan

All students enrolled in the Health Informatics are required to complete 42 credits with either non theses or theses options. Courses are chosen with the advisor and a Plan of Study will be developed to enable each student to design an in-depth study of Health Informatics taking into account student's previous academic preparation and experience. Most of our courses are only offered once per academic year. If a student fails to successfully complete a course, the student must retake the course the next academic year. Furthermore, this may also prevent the student from registering for the advanced-level courses and delay the date of graduation.

First Year – First Semester (Level 1)

Course Code	Course Title	Number of Units
HI 501	Information Technology in Healthcare	3
HI 502	Statistical Analysis	3
HI 503	Introduction to Health Informatics	3
Total credit hours		9

First Year – Second Semester (Level 2)

Course Code	Course Title	Number of Units
HI 531	Health Information systems	3
HI 540	Research design in Health Field	3
HI 560	Database Management Systems in Healthcare	3
HI 535	Health Services Management	3
Total credit hours		12

Second Year – First Semester (Level 3)

Course Code	Course Title	Number of Units
HI 532	Electronic Health Records & Standards	3
HI 539	Emerging Technology in Healthcare	3
HI 565	Information Technology Projects Management	3
Total credit hours		9

Second Year – Second Semester (Level 4)

Course Code	Course Title	Number of Units
HI 561	Security, Privacy & Legal Issues of Health Information	3
HI 562	Decision Support in Healthcare & Knowledge management	3
HI 564	Selected Topics in Health Informatics	3
HI 570	Internship & Graduation Project	3
Total credit hours		12

Credits Hours Grand Total	42
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Required Majors:

Bachelor's degree obtained from an accredited university in medicine, dentistry, nursing, pharmacy, radiography, laboratories, health information management, and information technology.