

**Study Plan for Master's Degree in
Health Information Technology
for year 2021 - 2022**

The Master's Degree Program (Comprehensive Exam) in Health Information Technology awarded at Princess Sumaya University for Technology after the successful completion of 33 Credit Hours distributed as follows:-

Program Requirements (33 CHs)

1. Compulsory Requirements (27 CHs)

Course Number	Course Title	Credit Hours	Prerequisite	Concurrent
13765	Quality Frameworks for Health Innovation	3		
13766	Health Technology Evaluation	3		
13770	Health information systems	3		
13771	Database Management Systems	3		
13772	System Analysis and Modelling	3		
13773	Biostatistics	3		
13774	Epidemiology Methods and Uses	3		
13775	Health information system security	3		
13776	Capstone Project	0		
13791	Research Methodologies	3		
13797	Comprehensive Exam	0		

2. Elective Requirements (6 CHs)

Course Number	Course Title	Credit Hours	Prerequisite	Concurrent
13743	Cloud Computing & Big Data	3		
13761	AI for health systems	3		
13762	Enterprise Healthcare Information Systems	3		
13763	Medical image perception (Processing)	3		
13764	Knowledge Management Systems	3		
13767	Qualitative Methodologies & Study Design	3		
13768	Visual Analytics (Data Visualization)	3		
13769	Health and Risk management	3		
13777	special topics in health technology	3		
14722	Data Mining	3		