

## Master in Healthcare facilities design

- **Study Plan and courses description**

Year	Semester			No. of Courses	Credit Hours for Every Course	Hours
First Year	1st.	Core courses of (IAU) Master architecture program.	Research Methods.	1	3	9
			Contemporary Issues in the Built Environment.	1	3	
			Issues in Architectural Practice.	1	3	
	2 <sup>nd</sup>	Core courses of healthcare facilities design.	Foundations of Healthcare Architecture.	1	3	9
			Programming in healthcare facilities design.	1	3	
			Evidence based- design of healthcare projects.	1	3	
Second Year	1 <sup>st</sup>	Core course of healthcare design	Building Systems in healthcare facilities (3h).	1	3	9
		Elective	Elective course in the area of emphasis.	1	3	
		Free elective	Free elective course from outside the area of emphasis.	1	3	
	2 <sup>nd</sup>	Professional Internship or elective course.	Professional Internship or One elective course in the area of emphasis.	1	3	9
		Research And Design Project.		1	6	
		<b>Total credit Hours</b>				<b>36</b>

**Table 1: Study plan for Master in Healthcare facilities design**

# **COURSES:**

## **Mandatory Curriculum**

<b>Course No.</b>	<b>Course Title</b>
<b>510601</b>	<b>Research Methods</b>
<b>510611</b>	<b>Contemporary Issues in the Built Environment:</b>
<b>510613</b>	<b>Architectural Practice</b>

## **Core courses of healthcare facilities design program:-**

<b>Course Title</b>
Foundations of Healthcare facilities Design
Programming in healthcare facilities design.
Evidence-based design of healthcare projects
Building Systems in healthcare facilities
Research and design project

**Elective courses of healthcare facilities design program:**

<b>Course No.</b>	<b>Course Title</b>
It will be identified later after the program approval.	Introduction to Health Policy and Management.
	Healthcare facilities: Renovation, Maintenance and Expansion
	Typologies of Contemporary Hospital Design.
	Healthcare design for children.
	Environmental psychology in healthcare design.
	Universal healthcare design.
	Theory of Place making.
	Landscape architecture for healthcare facilities.
	Advanced building Systems in healthcare facilities.
	Professional Internship

**Elective courses from outside the area of emphasis (i.e. provided by College of Medicine, IAU):**

<b>Course No.</b>	<b>Course Title</b>
407840	Introduction to Public Health
407845	Occupational Health
407846	Environmental Health
407850	Health Care Management
407851	Behavioral Science in Public Health
407852	Primary Health Care in Saudi Arabia
407885	Health System Reform and Comparative Health Systems

*(Note: the courses' description is provided by the College of Medicince)*