

Educational Objectives

- **Technical Knowledge**
Provide a basic knowledge of architectural principles. Enhance the students' abilities to express the visual and physical characteristics of architecture through academic curriculum that focuses on knowledge and personal innovation.
- **Communications Skills**
Develop the ability to organize and present architectural design information effectively focusing on fields of knowledge that enable the students to present and express the architectural theory in practical applied designs.
- **Preparation for Further Study**
Provide sufficient breadth and depth for successful subsequent graduate study, post-graduate study and lifelong learning programs.
- **Preparation for the Profession**
Provide an appreciation for the broad spectrum of issues arising in professional practice through following the latest developments in all the fields of architectural practices.

Degree Requirements

Classification		Credit Hours		
		Compulsory	Elective	Total
University Requirements		12	15	27
Faculty Requirements		27		27
Department Requirements	Department Core	90	6	96
	Specialization Elective	15		15
Total =		144	21	165

University Requirements

University requirements consist of 27 credit hours split into 12 compulsory credit hours and 15 elective credit hours.

Course Number	Course Title	Credit	Theory	Practical	Pre-Requisite
0401100 ⁽¹⁾	Arabic Language I	3	3		0401099
0402100 ⁽²⁾	English Language I	3	3		0402099
0420101 ⁽³⁾	Military Sciences	3	3		
0420102	National Education	3	3		
Total		12			

Restricted Elective University Requirements

The university elective courses are five courses with a total of 15 credit hours; the following table lists these courses.

University Elective Courses : 15 Credit Hours			
Field I: Human sciences			
Course Number	Course Name	Credit Hours	Pre-Requisite
0402105	English Language II	3	0402100
0420105	Modern History of Jordan	3	
0420103	History of Jerusalem	3	
0420106	Islamic Culture	3	
0407100	Physical Education	3	
Field II: Social and Economic Sciences			
Course No	Course Name	Credit Hours	Pre-Requisite
0420109	Introduction to Sociology	3	
0420110	Contemporary Issues	3	
0405104	Introduction to Psychology	3	
0407102	Principles of Education	3	
0520100	Principles of Economics	3	
Field III: Sciences, Technology, Agriculture and Health			
Course No	Course Name	Credit Hours	Pre-Requisite
0102102	Computer skills	3	0102099
0301101	First aid	3	
0106100	Fundamentals of environment	3	
0110100	Herbal medicine	3	
0904100	Principles of energy sciences	3	
0105101	The health and life	3	
	Science and society	3	
* A student who passes the Computer Skills Placement Test with a grade > 50% is exempted from 0102099.			

Faculty Requirements

Faculty of Engineering requirements					
Course Number	Course Title	Credit	Theory	Practical	Pre-/Co-Requisite
0101103	Calculus 1 for engineering	3	3		-
0103101	General physics 1	3	3		-
0904101	Engineering workshops	2	1	3	-
0902231	Technical writing	1	1	-	2nd year Standing
0904400	Engineering economy	3	3	-	4th year Standing
0905161	Architectural drawings	3	1	6	-
0905160	Free hand sketching	3	1	6	-
0905200	Computer applications in architecture 1	3	2	3	-
0905300	Computer applications in architecture 2	3	2	3	Computer applications in architecture 1
0905220	Surveying for architecture	3	2	3	-
Total		27			

Department Requirements

Department Compulsory Courses (90 CREDIT HOURS)					
Course Number	Course Title	Credit	Theory	Practical	Pre-/Co-Requisite
0905150	Basic design 1	3	1	6	-
0905151	Basic design 2	3	1	6	Basic design 1
0905162	Architectural communication and presentation	3	1	6	Free hand sketching
0905250	Architecture design 1	4	1	9	Basic design 2
0905251	Architecture design 2	4	1	9	Architectural design 1
0905270	Building construction 1	3	2	3	-
0905271	Building construction 2	3	2	3	Building construction 1
0905310	History and theory of architecture 1	3	3	-	-
0905311	History and theory of architecture 2	3	3	-	architecture 1 History and theory of
0905320	Illumination and acoustics	3	3	-	-
0905330	Landscape architecture	3	2	3	Architectural design 2
0905331	Conservation of architectural heritage	3	3	-	History and theory of architecture 1
0905350	Architecture design 3	5	1	12	Architectural design 2
0905351	Architecture design 4	5	1	12	Architectural design 3
0905370	Building construction 3	3	2	3	Building construction 2
0905410	History and theory of architecture 3	3	3	-	History and theory of architecture 2
0905411	Islamic architecture	3	3	-	History and theory of architecture 3
0905412	Local architecture	3	3	-	History and theory of architecture 3
0905430	Urban design	3	2	3	Architectural design 4
0905431	Urban planning	3	2	3	Architectural design 4
0905440	Specifications and quantities	3	3	-	Building construction 3
0905450	Architecture design 5	5	1	12	Architectural design 4
0905451	Architecture design 6	5	1	12	Architectural design 5
0905480	Engineering practical training	8 weeks		0	Passing 120 credit
0905540	Project management	3	3	-	Specifications and quantities
0905580	Graduation project 1	2	1	3	Architectural design 6 Passing 120 credit
0905581	Graduation project 2	6	-	18	Graduation project 1
Total		90			

Department Core Courses from the Other Department

Department Compulsory Core Courses from the Other Department (15 Credit Hours)					
Course Number	Course Title	Credit	Theory	Practical	Pre-/Co-Requisite
0902130	Structural mechanics	3	3	-	Calculus 1 for engineering
0902222	Building materials	3	3	-	-
0902230	Building construction and assembly	3	3	-	-
0902232	Structural systems	3	3	-	Building construction and assembly
0904336	Mechanical systems and environmental control	3	3	-	-
Total		15			

Department Elective Courses

Department Elective Courses					
Course Number	Course Title	Credit	Theory	Practical	Pre-/Co-Requisite
0905432	Housing issues	3	3	-	Architectural design 4
0905452	Interior architecture	3	2	3	Architectural design 4
0905510	Theories and criticism of contemporary	3	3		Architectural design 5
0905500	Geographical information systems	3	2	3	Architectural design 5
0905550	Green architecture	3	2	3	Architectural design 5
0905400	Advanced computer architectural design	3	2	3	Computer applications in architecture 2
0905582	Specialized topics in architecture	3	3	-	As specified by the department