

Isra University
Faculty of Engineering
Bachelor's Degree - Advisory Plan
Department of Architectural Engineering (2019-2020)

First Year

First Semester				Second Semester			
Course No.	Course Title	Cr. Hrs.	Prerequisite	Course No.	Course Title	Cr. Hrs.	Prerequisite
04011163	Architectural Drawing*	2	-	04011263	Shade & Perspective	2	04011163
04011162	Free Hand Drawing (1)*	2	-	04011262	Free Hand Drawing (2)	2	04011162
04011151	Architectural Design (1-A)*	2	-	04011251	Architectural Design (1-B)	2	04011151
04021120	Engineering Workshops	1	-	04032101	Engineering Drawing	3	-
01103101	Calculus (1)	3	-	01103102	Calculus (2)	3	01103101
01102101	General Physics (1)	3	-	01102102	General Physics (2)	3	01102101
01102103	General Physics Lab (1)	1	With 01102101	01102104	General Physics Lab (2)	1	With 01102102
04011164	Photography	1	-				
01101112	English language	3	01100012				
	Total	18			Total	16	

*These three courses MUST be accomplished in this semester.

Second Year

First Semester				Second Semester			
Course No.	Course Title	Cr. Hrs.	Prerequisite	Course No.	Course Title	Cr. Hrs.	Prerequisite
04012162	Computer Aided Design (1)	2	04011263	04012265	Presentation Techniques	2	04011262
04012151	Architectural Design (2-A)	4	04011251	04012251	Architectural Design (2-B)	4	04012151
04012155	Basics of Architectural Design	3	04011251	04012224	Working Drawing Design	3	04012124
04012124	Building Construction	3	04011163	04012213	History of Architecture (2)	3	04012113
04012113	History of Architecture (1)	3	04011251	04012262	Computer Aided Design (2)	2	04012162
-	Elective university	3	-	04032102	Engineering Ethics	1	-
				01101111	Arabic language	3	01100011
Total		18		Total		18	

Third Year

First Semester				Second Semester			
Course No.	Course Title	Cr. Hrs.	Prerequisite	Course No.	Course Title	Cr. Hrs.	Prerequisite
04013133	Physics Architecture	3	01102102	04013245	Behavior in Architecture	3	04013112
04013151	Architectural Design (3-A)	4	04012252	04013251	Architectural Design (3-B)	4	04013151
04013115	Local Architecture and Heritage conservation	3	04012213	04013233	Sustainable Architecture	3	04013133
04013112	Theories of Contemporary Architecture (1)	3	04012213	04013212	Theories of Contemporary Architecture (2)	3	04013112
04013114	Islamic Architecture	3	04012213	04013264	Advanced Applications in Computer	2	04012261
04033101	Technical Writing	2	01101112 + pass70 Cr. Hr.	-	Elective university	3	-
Total		18		Total		18	

Fourth Year

First Semester				Second Semester			
Course No.	Course Title	Cr. Hrs.	Prerequisite	Course No.	Course Title	Cr. Hrs.	Prerequisite
04014151	Architectural Design (4-A)	4	04013251	04014251	Architectural Design (4-B)	4	04014151
04014184	Building Specifications and profession fundamentals	2	04012124	04033102	Administration and Engineering Economy	3	01103101
04014142	Town Planning (1)	2	04013212	04014283	Project Management	2	04014184
04034131	Structural Mechanics & Structural Analysis (Arch)	3	01103102	04014242	Town Planning (2)	2	04014142
01101101	Military Sciences	3	-	-	Elective university	3	-
04032123	Surveying	3	01103101	-	Free course university	3	-
04032124	Surveying Lab	1	With 04032123				
	Total	18			Total	17	

Fifth Year

First Semester				Second Semester			
Course No.	Course Title	Cr. Hrs.	Prerequisite	Course No.	Course Title	Cr. Hrs.	Prerequisite
04015152	Graduation Project Thesis	2	With 04015151+Pass in 120 Cr. Hr.	04015251	Graduation Project	4	Pass in 04015151& 04015152
04015151	Architectural Design(5)	4	04014251	01101102	National Education	3	-
04015143	Landscape	3	04014242	-	Elective department	3	-
-	Elective university	3	-				
	Total	12			Total	10	