

**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				
	<b>Total</b>	<b>18</b>			<b>Total</b>	<b>16</b>	

\*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
<b>Total</b>		<b>18</b>		<b>Total</b>		<b>18</b>	

### 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	-
<b>Total</b>		<b>18</b>		<b>Total</b>		<b>18</b>	

### 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				
	<b>Total</b>	<b>18</b>			<b>Total</b>	<b>17</b>	

### 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	-				
	<b>Total</b>	<b>12</b>			<b>Total</b>	<b>10</b>	