

Preparatory stage (36 units) (first year-3 Semesters)

**FRESHMAN YEAR**

code	Topic	credits
<b>First Semester</b>		
CSC 001	Computer skills	0
MTH 001	Mathematics (1)	3
ENG 003	Engineering Drawing and projection (1)	2
PHY 001	Physics (1)	3
CHM 001	Engineering chemistry	3
ENG 001	Engineering Mechanics (1)	2
ENG 006	History of Engineering & Technology	1
LNG 001	English Language (1)	2
<b>Total</b>		<b>16</b>
<b>Second Semester</b>		
MTH 002	Mathematics (2)	3
ENG 002	Engineering Mechanics (2)	2
PHY 002	Physics (2)	3
ENG 004	Engineering Drawing and projection (2)	2
LNG 002	English Language (2)	2
PHE 001	Physical Education & Activities (1)	0
ENG 005	Principles of Production Technology & workshop	3
LNG 003	Arabic Language	2
<b>Total</b>		<b>17</b>
<b>Third semester</b>		
FTR 031	Introduction to Field Training (1)	3

Diploma stage (72 units) (second and third years-6 Semesters)

**SOPHOMORE YEAR**

code	Topic	credits
<b>First Semester</b>		
MNG 102	Engineering Economics.	2
ARE 111	Fundamental of Arch. Design	3
ARE 112	Building Construction & Materials (A).	2
ARE 113	Freehand and architectural presentation.	2
ARE 114	History of Architecture.	2
ARE 115	Perspective and Skiagraphy.	2
HUM....	Elective (C1).	2
	Elective (B1).	2
<b>Total</b>		<b>17</b>
<b>Second Semester</b>		
MNG 103	Technical Report Writing	2
ARE 121	Elements of Architectural Design	3
ARE 122	Building Construction & Materials (B).	2
ARE 123	Visual Training	2
ARE 124	Theory of Structure (A).	2
ARE 125	Theories of Architecture (A)	2
	Elective(B2)	2
	Elective (D).	2
<b>Total</b>		<b>17</b>
<b>Third semester</b>		
FTR 131	Field Training (1)	3

**JUNIOR YEAR**

code	Topic	credits
<b>Fourth Semester</b>		
MNG 101	Monitoring and Quality Control.	1
ARE 141	Architectural Design of Simple Units	3
ARE 142	Diploma project	2
ARE 143	Computer Applications In Arch. (1).	2
ARE 144	Theory of Structure (B).	2
HUM 108	Communications & Presentation Skills.	2
HUM 109	Analysis & Search Results	2
	Elective (B3)	2
<b>Total</b>		<b>16</b>
<b>Fifth Semester</b>		
ARE 151	Architectural Design of Complex Units	3
ARE 152	Execution Design (1)	3
ARE 153	Climate and Architecture of the desert	2
PHE 101	Physical Education and activities (2).	0
MTH 105	Statistics & probability Theory.	3
ARE 238	Green Architecture	3
HUM	Elective (C2)	2
<b>Total</b>		<b>16</b>
<b>Sixth semester</b>		
FTR 161	Field Training (1)	3
<b>Total</b>		<b>72</b>

**Bachelor stage (72 units) (fourth and fifth years-6 Semesters)**

**SENIOR (1) YEAR**

code	Topic	credits
<b>First Semester</b>		
ARE 211	Architecture Design (A)	3
ARE 212	Materials and its properties.	2
ARE 213	Comp.App.In Arch (2).	2
ARE 214	History and Theory of Planning.	2
ARE 215	Theories of Architecture (B).	2
MNG 201	Project Management	2
PHE 201	Physical Education & Activities (3).	1
ARE ....	Elective Architecture (A1)	2
<b>Total</b>		<b>16</b>
<b>Second Semester</b>		
ARE 221	Architecture Design (B)	3
ARE 222	Reinforced Concrete and Foundations	2
ARE 223	Urban Design	3
ARE 224	Town Planning (A)	2
ARE 225	Legislation and management of construction projects	2
ARE 226	Tech Installation for Buildings (A)	2
MNG 202	Environmental impact of project	1
ARE ....	Elective Architecture (A2)	2
<b>Total</b>		<b>17</b>
<b>Third semester</b>		
FTR 231	Field Training (3)	3

**SENIOR (2) YEAR**

code	Topic	credits
<b>Fourth Semester</b>		
ARE 241	Architecture Design of Complex Building	3
ARE 242	Steel Construction.	2
ARE 243	Comp.App.In Arch (3).	2
ARE 244	Environmental Control	2
ARE 245	Execution Design (2).	3
ARE 246	Air Conditioning in Building	2
HUM 205	Humans Rights.	1
MNG 203	Professional Ethics	1
<b>Total</b>		<b>16</b>
<b>Fifth Semester</b>		
ARE 251	Environmental Design	3
ARE 252	Surveying	2
ARE 253	Graduation Project	4
ARE 254	Town Planning (B)	2
ARE 255	Execution Doc & Specifications	2
ARE 256	Acoustics & Illumination	2
HUM 204	Principles of Negotiations	2
<b>Total</b>		<b>17</b>
<b>Sixth semester</b>		
FTR 261	Field Training (4)	3
<b>Total</b>		<b>72</b>