

Department	Architecture	Number & Date of Approval	2016/09/26	Authorized Signature & Stamp
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### Learning Outcomes of the Course Plan

Learning Outcomes
Ability to practice architecture, addressing social, cultural, environmental and technological aspects
Ability to use appropriate representational media and integrated computer technology at all stages of the design process
Ability to utilize cutting edge building technology in design
Ability to employ architectural research methods including data collection and analysis to identify design issues and to provide solutions
Ability to work collaboratively in a multidisciplinary environment involved in the building industry professional practice
Ability to deal innovatively with projects of different types and scales to recognize diversity of needs, values, behavioral norms, social patterns as they relate to the creation of the built environment
Understanding of local and regional traditions in architecture, and the urban design dimension of architecture
Ability to apply visual and verbal communication skills at various stages of architectural design and project delivery processes
The department has adopted the following <b>NAAB</b> Student Performance Criteria: A- Employ Critical Thinking Representation Skills B- Comprehend Building Practices, Technical Skills and Knowledge C- Integrated Architectural Solutions D- Understand Professional Practice

Student Information		Course No.	Course Name	Credit Hours	Theory Hours	Practical Hours	Prerequisite	Advisement Plan
Registered	Passed							(Semester/Year)
<b>First: University Requirements (21) Credit Hours</b>								
<b>A) Mandatory Requirements 15 Credit Hours</b>								
<input type="checkbox"/>	<input type="checkbox"/>	0420101	Military sciences	3	3	0		1/2
<input type="checkbox"/>	<input type="checkbox"/>	0420111	Arabic Language (1)	3	3	0	Remedial Arabic Language	1/1
<input type="checkbox"/>	<input type="checkbox"/>	0420121	English Language (1)	3	3	0	Remedial English Language	1/2
<input type="checkbox"/>	<input type="checkbox"/>	0420151	National education	3	3	0		1/1
<input type="checkbox"/>	<input type="checkbox"/>	0420171	Life Skills	3	3	0		1/1
<b>B) Electives (6 ) Credit Hours</b>								
<b>Second Field: Humanitarian fields</b>								
<input type="checkbox"/>	<input type="checkbox"/>	0420131	Principles in education	3	3	0		1/2
<input type="checkbox"/>	<input type="checkbox"/>	0420134	Sport and health	3	2	2		2/2
<input type="checkbox"/>	<input type="checkbox"/>	0420142	Human civilization	3	3	0		1/2
<input type="checkbox"/>	<input type="checkbox"/>	0501100	Innovation and entrepreneurship in business	3	3	0		2/2
<input type="checkbox"/>	<input type="checkbox"/>	0601102	Law in our life	3	3	0		1/2
<b>Second Field: Science fields</b>								
<input type="checkbox"/>	<input type="checkbox"/>	0120111	Information technology and society	3	3	0	Remedial computer skills	1/2
<input type="checkbox"/>	<input type="checkbox"/>	0120153	Medicinal plants	3	3	0		1/2
<input type="checkbox"/>	<input type="checkbox"/>	0301101	First Aid	3	3	0		1/2
<input type="checkbox"/>	<input type="checkbox"/>	0906100	Principles of energy science	3	3	0		2/2

Student Information	Course No.	Course Name	Credit Hours	Theory Hours	Practical Hours	Prerequisite	Advisement Plan
<b>Second: Faculty Requirements(26 ) Credit Hours</b>							
<input type="checkbox"/>	<input type="checkbox"/>	0120121	Calculus 1	3	3	0	1/1
<input type="checkbox"/>	<input type="checkbox"/>	0120131	General physics 1	3	3	0	1/1
<input type="checkbox"/>	<input type="checkbox"/>	0910191	Free hand sketching	3	1	6	1/1
<input type="checkbox"/>	<input type="checkbox"/>	0910192	Architectural drawings	3	1	6	1/1
<input type="checkbox"/>	<input type="checkbox"/>	0911101	Engineering workshops	2	1	3	1/1
<input type="checkbox"/>	<input type="checkbox"/>	0910193	Architectural communication and presentation	2	1	6	Architectural drawings 2/1
<input type="checkbox"/>	<input type="checkbox"/>	0910251	Computer applications in architecture 1	3	1	6	Remedial computer Skills 1/2
<input type="checkbox"/>	<input type="checkbox"/>	0910221	Surveying for architecture	2	2	0	Calculus 1 1/2
<input type="checkbox"/>	<input type="checkbox"/>	0908201	Technical writing and professional ethics	2	2	0	English language 1 1/2
<input type="checkbox"/>	<input type="checkbox"/>	0910361	Engineering economy	3	3	0	Third year level 1/4
<b>A) Mandatory Major Requirements (105) Credit Hours</b>							
<input type="checkbox"/>	<input type="checkbox"/>	0910171	Basic design 1	3	1	6	1/1
<input type="checkbox"/>	<input type="checkbox"/>	0910172	Basic design 2	3	1	6	Basic design 1 2/1
<input type="checkbox"/>	<input type="checkbox"/>	0910273	Architecture design 1	4	1	9	Basic design 2 1/2
<input type="checkbox"/>	<input type="checkbox"/>	0910222	Surveying lab for architecture	1	0	3	Co- Surveying for architecture 1/2
<input type="checkbox"/>	<input type="checkbox"/>	0910223	Building construction	3	1	6	Architecture design 1 2/2
<input type="checkbox"/>	<input type="checkbox"/>	0910274	Architecture design 2	4	1	9	Architecture design 1 2/2
<input type="checkbox"/>	<input type="checkbox"/>	0910252	Computer applications in architecture 2	3	1	6	Computer applications in architecture 1 2/2
<input type="checkbox"/>	<input type="checkbox"/>	0910211	History and theory of architecture 1	3	3	0	Architecture design 1 2/2
<input type="checkbox"/>	<input type="checkbox"/>	0910212	Design modelling	3	3	0	Basic design 2 2/2
<input type="checkbox"/>	<input type="checkbox"/>	0910313	History and theory of architecture 2	3	3	0	History and theory of architecture 1 1/3
<input type="checkbox"/>	<input type="checkbox"/>	0910375	Architecture design 3	5	1	12	Architecture design 2 1/3
<input type="checkbox"/>	<input type="checkbox"/>	0910341	Architecture and environmental control	3	3	0	Architecture design 2 1/3
<input type="checkbox"/>	<input type="checkbox"/>	0910381	Working drawings 1	3	1	6	Building construction 1/3
<input type="checkbox"/>	<input type="checkbox"/>	0910382	Working drawings 2	3	1	6	Working drawings 1 2/3
<input type="checkbox"/>	<input type="checkbox"/>	0910331	Landscape architecture	3	2	3	Architecture design 3 2/3
<input type="checkbox"/>	<input type="checkbox"/>	0910376	Architecture design 4	5	1	12	Architecture design 3 2/3
<input type="checkbox"/>	<input type="checkbox"/>	0910342	Green architecture	3	1	6	Architecture and environmental control 2/3
<input type="checkbox"/>	<input type="checkbox"/>	0910314	History and theory of architecture 3	3	3	0	History and theory of architecture 2 2/3
<input type="checkbox"/>	<input type="checkbox"/>	0910432	Urban planning	3	2	3	Architecture design 4 1/4
<input type="checkbox"/>	<input type="checkbox"/>	0910477	Architecture design 5	5	1	12	Architecture design 4 1/4
<input type="checkbox"/>	<input type="checkbox"/>	0910415	Islamic architecture	3	3	0	History and theory of architecture 2 1/4
<input type="checkbox"/>	<input type="checkbox"/>	0910461	Specifications and quantities	3	3	0	Working drawings 2 1/4
<input type="checkbox"/>	<input type="checkbox"/>	0910433	Urban design	3	2	3	Urban planning 2/4

"الجودة والتميز"  
"Quality and Excellence"

**Course Plan for Department of Architecture**  
**The number of course plan hours are (165 ) Credit Hours**

"عراقة وجودة"  
"Tradition and Quality"

Course Plan – Procedures of the Course Plan Committee/Faculty of Engineering & Technology

QF09/0407-2.1

Student Information	Course No.	Course Name	Credit Hours	Theory Hours	Practical Hours	Prerequisite	Advisement Plan	
<input type="checkbox"/>	<input type="checkbox"/>	0910462	Building legislations and professional practice	2	2	0	Architecture design 3	2/4
<input type="checkbox"/>	<input type="checkbox"/>	0910434	Conservation of architectural heritage	3	3	0	History and theory of architecture 3	2/4
<input type="checkbox"/>	<input type="checkbox"/>	0910416	Theories and criticism of architecture	3	3	0	History and theory of architecture 3	2/4
<input type="checkbox"/>	<input type="checkbox"/>	0910478	Architecture design 6	5	1	12	Architecture design 5	2/4
<input type="checkbox"/>	<input type="checkbox"/>	0910563	Project management	3	3	0	Specifications and quantities	1/5
<input type="checkbox"/>	<input type="checkbox"/>	0910579	Interior architecture	3	2	3	Architecture design 4	1/5
<input type="checkbox"/>	<input type="checkbox"/>	0910401	Engineering practical training	3	0	9	Architecture design 4 and Passing 90 credit (8 weeks)	
<input type="checkbox"/>	<input type="checkbox"/>	0910501	Graduation project 1 thesis research	2	1	3	Architecture design 6 Passing 120 credit	1/5
<input type="checkbox"/>	<input type="checkbox"/>	0910502	Graduation project 2	6	0	18	Graduation project 1	2/5
<b>B) Major Supporting Requirements (7) Credit Hours</b>								
<input type="checkbox"/>	<input type="checkbox"/>	0908232	Building construction and assembly	2	2	0	Calculus 1	2/1
<input type="checkbox"/>	<input type="checkbox"/>	0908234	Structural systems	3	3	0	Building construction and assembly	1/2
<input type="checkbox"/>	<input type="checkbox"/>	0911320	Building services	2	2	0	Architecture design 2	1/3
<b>C) Major Electives (6) Credit Hours</b>								
<input type="checkbox"/>	<input type="checkbox"/>	0910517	Visual perception in architecture	3	3	0	Architecture design 4	1/5
<input type="checkbox"/>	<input type="checkbox"/>	0910535	Advanced urban design	3	2	3	Urban design	1/5
<input type="checkbox"/>	<input type="checkbox"/>	0910536	Geographical information systems	3	3	0	Architecture design 4	2/5
<input type="checkbox"/>	<input type="checkbox"/>	0910503	Specialized topics in architecture	3	3	0	As specified by the department	2/5

• **Courses Given to Other Majors (University Requirements, Faculty Requirements, Supporting Requirements)**

() Credit Hours			
Course No.	Course Name	Credit Hours	Prerequisite type
0910361	Engineering economy	3	Faculty Requirements