



Study Plan

B.Sc in Architecture Engineering (2023-2022)

Total Credit Hours (165) Hrs



First: University Requirements (27) Cr.Hr

A. First Field: University Compulsory Requirements: (18) Cr.Hr.

Course no.	Course Title	CR .Hr	Perquis ite	Th eo.	P ra c.	Mar k
0115001	Military Science*	3	---	3	-	
0116101	National Education	3	---	3	-	
0116103	Communication and Contact Skills (Arabic Language)	3	0116099	3	-	
0116107	Communication and Contact Skills (English Language 1)	3	0116098	3	-	
0116108	Communication and Contact Skills (English Language 2)	3	0116107	3	-	
0116102	Leadership skills, Creativity and Entrepreneurship	3	---	3	-	
0116109	Voluntary Community Service	0	---	0	6	

B. University Elective Courses (9) Cr.Hr.

The student studies 9 credit hours from the table below:

Course no.	Course Title	CR .Hr	Perquis ite	Th eo.	P ra c.	Mar k
0116105	Thinking Skills	3	---	3	-	
0116133	Human Vision & Civilization	3	---	3	-	
0116111	Language Skills (1)	3	---	3	-	
0116112	Language Skills (2)	3	0116111	3	-	
0116114	Introduction to Project Management	3	---	3	-	
0116140	Human Rights	3	---	3	-	
0116143	Legal Education	3	---	3	-	
0116106	Economic Education	3	---	3	-	
0216104	Digital Education	3	---	3	-	
0216102	Data Analysis Skills	3	---	3	-	
0216105	Health Education	3	---	3	-	

Second: Faculty Requirements: (18) Cr. Hr.

Faculty Compulsory Requirements: (18) Cr. Hr.

Course no.	Course Title	CR .Hr	Perquis ite	Th eo.	P ra c.	Mar k
1210110	History Of Art And Architecture	3	---	3	0	
1210210	History of art and Islamic architecture	3	---	3	0	
1220110	Design Basic 1	3	---	1	4	
1210180	Design Basic 2	3	1220110	1	4	
1220210	Freehand Drawing	3	---	1	4	

Third: Department Requirements (120) Cr.Hr.

A. Compulsory Requirements: (95) Cr.Hr.

Course no.	Course Title	CR. Hr	Perqui site	T h e o .	Pra c.	Mar k
1210111	Theories and History of Architecture	3	1210110	3	0	
1210190	Architectural Drawing	3	---	1	4	
1210191	Architectural Rendering and perspective	3	---	1	4	
1210230	Building Construction 1	3	1210190	1	4	
1210231	Building Construction 2	3	1210230	1	4	
1210250	Environmental control	3	---	3	0	
1210260	Architectural Drawing Using Computer	3	1210190	0	6	
1210261	Computer Applications in Architecture 1	3	1210260	0	6	
1210280	Architectural Design 1	4	1210180	1	6	
1210281	Architectural Design 2	4	1210280	1	6	
1210320	Theories Of Contemporary Architecture	3	1210111	3	0	
1210330	Acoustics and Lighting and telecommunication systems for architecture	3	---	2	2	
1210340	Landscape architecture	3	---	1	4	
1210350	Sustainable architecture	3	---	1	4	
1210360	Computer Applications in Architecture 2	3	1210261	0	6	
1210380	Architectural Design 3	4	1210281	1	6	
1210381	Architectural Design 4	4	1210380	0	8	
1210382	Executed Designs	3	1210231	1	4	
1210420	Architectural analysis and criticism	3	---	3	0	
1210440	Urban planning and Housing	3	---	3	0	
1210441	Urban design and preservation of architectural heritage	3	1210440	1	4	
1210470	Building specifications and professional legislation	3	1210382	3	0	
1210471	Engineering training	3	Faculty approval +90 Cr.Hrs			
1210480	Architectural Design 5	4	1210381 1210382	0	8	
1210481	Architectural Design 6	4	1210480	0	8	
1210482	Preliminary studies in architectural design	3	---	3	0	
1210570	Contracts and specifications	3	---	3	0	
1210571	Project management	3	---	3	0	
1210581	Engineering project 1	1	120 Cr.Hr	1	0	
1210582	Engineering project 2	4	1210581	0	8	

1230210	Aesthetics and Behaviour	3	---	1	4	
Notes:-						
All students must take level examinations in Arabic Language English language and Computer skills. Student who fails to pass in any examinations (less than 50 %) must successfully pass the remedial course which He/ She did not pass.						

Student name:
University ID:
Academic Advisor:

B. Compulsory Support Requirements: (16) Cr. Hr.						
Course no.	Course Title	CR. Hr	Perqui site	T h e o .	Pra c.	Mar k
250101	Calculus 1	3	---	3	0	
211101	Physics 1	3	---	3	0	
620328	Mechanical systems for architecture	2	---	2		
670266	Surveying for architecture	3	---	1	4	
670317	Structural Mechanics	2	211101	2	0	
670416	Concrete and Steel Constructions	3	670317	3	0	
C. Elective Requirements: (9) Cr.Hr.						
Course no.	Course Title	CR. Hr	Perqui site	T h e o .	Pra c.	Mar k
1210500	Special Topics In Architecture	3	Departm ent Approval	3	0	
1210430	Smart Architecture	3	1210330	3	0	
1210460	Building Information Modelling	3	1210360	1	4	
1210461	Parametric Architecture	3	1210470	1	4	
1210472	Quantity Surveying and Specifications	3	1210360	1	4	
1210490	Architectural Documents Production Using Computer	3	1210470	1	4	