



Established 1997

Curriculum for the Bachelor Degree in Architectural Engineering

Study Plan Guidelines

First Year					
First semester			Second Semester		
Course No.	Course title	Cr.H	Course No.	Course title	Cr.H
ARE 0191	Free hand drawing (1)	1	ARE 0190	Free hand drawing (2)	1
ARE 0193	Introduction to architecture drawing	3	ARE 0192	Architectural drawing	3
ARE 0185	Introduction to Architectural Design (1)	3	ARE 0184	Introduction to Architectural Design (2)	3
30202101	Calculus (1)	3	30201101	General Physics (1)	3
AAL101	Applied Arabic	3	30201111	General Physics (1) Lab	3
AEL101	Applied English (1)	3	30202102	Calculus (2)	3
CS101	Computer Skills and E-Learning	1	BSE0102	Engineering workshop	1
			AEL102	Applied English (2)	3
Total		17	Total		18

Second Year					
First semester			Second Semester		
Course No.	Course title	Cr.H	Course No.	Course title	Cr.H
ARE 0281	Architectural design (1)	4	ARE 0280	Architectural design (2)	4
ARE 0233	Construction of buildings (1)	3	ARE 0232	Construction of buildings (2)	3
ARE 0215	History and Theories of Architecture (1)	3	ARE 0214	History and Theories of Architecture (2)	3
ARE 0267	Computer drawing (1)	2	ARE 0268	Computer drawing (2)	3
ARE 0209	Ethics and communication skills	3	ARE 0298	Survey principles for architecture students	2
	University Requirement	3		University Requirement	3
Total		18	Total		18



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Third Year					
First semester			Second Semester		
Course No.	Course title	Cr.H	Course No.	Course title	Cr.H
ARE 0381	Architectural design (3)	4	ARE 0380	Architectural design (4)	4
ARE 0323	Behavior and the built environment	3	ARE 0362	Building modeling BIM	2
ARE 0315	History and Theories of Architecture (3)	3	ARE 0334	Executive designs	3
ARE 0337	Construction Mechanics	3	ARE 0336	Introduction to structural design	3
ARE 0339	Sanitary, Heating, and air conditioning systems	3	BSE0202	Statistics and Probabilities for Engineers	3
IEC101	Innovation, Entrepreneurship and creativity	2		Elective Requirement	3
Total		18	Total		18

Fourth Year					
First semester			Second Semester		
Course No.	Course title	Cr.H	Course No.	Course title	Cr.H
ARE 0481	Architectural design (5)	4	ARE 0480	Architectural Design (6) (Urban Design)	4
ARE 0423	Urban design theories	3	ARE 0472	Engineering supervision and project management	2
ARE 0475	Provisions for construction and practice of the profession	3	ARE 0474	Specifications, contracts, and calculation of quantities	3
ARE 0437	Lighting and acoustics	3	ARE 0448	Site Coordination Engineering	3
BSE0401	Engineering economy	3	NE101	National Education and University Behavior	3
			35001101	Military Sciences	3
Total		16	Total		18



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Summer Semester		
ARE 0476	Field Training ** passed 120 Credit hours	Total 3

Fifth Year					
First semester			Second Semester		
Course No.	Course title	Cr.H	Course No.	Course title	Cr.H
ARE 0583	Graduation Project (1)	2	ARE0584	Graduation Project (2)	6
ARE 0521	Urban planning and housing	3	ARE 0550	Sustainable architecture	3
ARE 0555	Environmental control	3	-	Elective Specialization Requirement	3
-	Elective Specialization Requirement	3			
Total		11	Total		12