

First Semester

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
AED111	Basic Design Studio I	5		3	1	4	0
AED121	Engineering Mathematics	5	MATH095 *	3	2	2	0
AED131	Engineering Drawings & Design Communication	5	AED011**	2	2	2	0
GS102	Creative Thinking	5		3	1	0	2
IT102	Introduction to Computer Applications	5		3	2	0	0
ENGL103	English for Academic Purposes	5	ENGL012 ***		3	0	0
LAW106	Human Rights	5	5		2	0	0
Total				18	13	8	2

Second Semester

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
AED112	Basic Design Studio II	6	AED111	3	1	4	0
AED122	Building Physics & Material Properties	6		3	3	0	0
ARE141	Theory of Architecture	5		3	3	0	0
GS111	Arabic Language Skills	5		3	3	0	0
ENGL104	English for Academic Purposes	5	ENGL103	3	3	0	0
GS133	History of Bahrain	5		3	3	0	0
Total				18	16	4	0

Third Semester

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
ARE211	Architecture Design I	6	AED112	5	1	8	0
ARE221	Building Construction I	6	AED112	2	2	0	0
AED231	Drafting & Design with Digital Media	6	AED131	3	2	0	2
ARE241	History of Architecture 1	6	ARE141	2	2	0	0
AED251	Design Research Methods	6	AED111 + ENGL103	2	2	0	0
ENGL202	English Writing for Communications	6	ENGL104	3	3	0	0
Total				17	12	8	2

Fourth Semester

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
ARE212	Architectural Design II	6	ARE211	5	1	8	0
ARE222	Building Construction II	6	ARE221	2	1	0	2
ARE223	Land Surveying	6	AED121 + IT102	3	2	0	2
AED232	Rendering Techniques and Animation	6	AED231	3	1	0	4
ARE242	History of Regional Architecture & Heritage	6	GS133 + ARE 241	2	2	0	0
ARE243	History of Architecture II	6	ARE241	2	2	0	0
Total				17	9	8	8

Fifth Semester

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
ARE311	Architectural Design III	7	ARE212	5	1	8	0
ARE321	Passive & Active Climate Design Principles	7	AED122	3	3	0	0
ARE322	Construction Drawing I	7	AED231 + ARE222	4	2	0	4
AED331	BIM for Design & Construction Drawing	7	AED231	3	2	0	2
ARE371	Building Regulations & Codes	7	ARE212	3	3	0	0
Total				18	11	8	6

Sixth Semester

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
ARE312	Architectural Design IV	8	ARE311	5	1	8	0
ARE323	Building Services	7	ARE222	3	3	0	0
ARE324	Structural Analysis and Application	7	AED121 + ARE222	3	2	0	2
ARE341	Modern & Contemporary Architecture	7	ARE243	3	3	0	0
ARE361	Landscape Architecture	7	ARE223	3	3	0	0
Total				17	12	8	2

Seventh Semester

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
ARE411	Architectural Design V	8	ARE312	5	1	8	0
ARE421	Sustainable Indoor Environment	8	ARE321	3	3	0	0
ARE422	Building Material	7	AED122 + ARE322	3	2	0	2
ARE441	Housing Theories and Economics	7	ARE371	2	2	0	0
ARE442	Interior Design & Modern Art	7	ARE212	3	2	2	0
ARE461	Urban Design	8	ARE361	2	1	2	0
Total				18	11	12	2

Eighth Semester

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
ARE412	Architecture Design VI	8	ARE411	5	1	8	0
ARE423	Construction Drawings II	8	ARE422	3	3	0	0
ARE424	Structural Design	8	ARE324 + ARE422	4	2	0	4
ARE425	Building Performance Analysis	8	AED331	3	2	0	2
ARE462	Planning & Sustainable Cities	8	ARE461	3	3	0	0
Total				18	9	10	8
ARE470	Architecture Internship Training	8	ARE371 + Passing 125 Cr.Hr	4	Varies		

Ninth Semester

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
ARE511	Architecture Design VII	8	ARE412 + ARE461	1	8	0	0
ARE551	Graduation Project Research	8	AED251 + ARE412	1	4	0	0
ARE561	Environmental Planning & Impact Assessment	8	ARE462	3	0	0	4
ARE571	Specifications and Quantity Surveying	8	ARE423 + ARE223	3	0	0	2
ARE58X	Elective 1	7		3	Varies		
Total				17	8	12	0

Tenth Semester

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
ARE512	Graduation Project Design	8	ARE511 + ARE551	6	0	12	0
ARE521	Shop Drawing	8	ARE423	3	2	0	2
ARE572	Professional Practice and Ethics	8	ARE423	2	2	0	0
ARE573	Construction Project Management	8	ARE423	3	3	0	0
ARE58X	Elective 2	8		Varies			
Total				17	12	8	2

ELECTIVE COURSES

Elective1: One Course

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
ARE581	Advance Rendering Techniques & Animation	7	AED232	3	2	0	2
ARE582	Advance Rendering Techniques & Animation	7	ENGL202	3	2	2	0
ARE583	Architectural Photography & Cinematography	7	AED231	3	2	2	0
ARE584	Building Economic & Real Estate	7	ARE441	3	3	0	0
ARE585	Heritage & Building Conservation	7	ARE242	3	2	2	0

Elective2: One Course

Code	Course Title	NQF Level	Pre requisite	CR.	ContactHours		
					L	St	Lab
ARE586	Advanced Computer Techniques	8	AED331	3	2	0	2
ARE586	Architecture & Virtual Reality	8	AED331	3	2	2	0
ARE586	Introduction to Remote Sensing	8	ARE223 + ARE462	3	2	0	2
ARE586	GIS Application in Planning	8	ARE223 + ARE462	3	2	0	2