

2015-2016

First Year

	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
First Semester	ARC111	Basic Design Studio I	ARC011	4	2	4	0
	ARC141	Engineering Drawings	ARC011	3	1	4	0
	ARC142	Freehand Sketching and Model Making	ARC011	2	1	2	0
	ARC161	Engineering Math and Physics	MATH090	3	3	0	0
	IT102	Introduction to Computer Applications		2	1	0	2
	ENGL103	English for Academic Purposes I	ENGL010	3	3	0	0
	<b>Total</b>			<b>17</b>	11	10	2

	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
Second Semester	ARC112	Basic Design Studio II	ARC111	4	2	4	0
	ARC131	Introduction to Building Systems and Codes		3	3	0	0
	ARC101	Design Research Methods	ENGL103	2	2	0	0
	ARC143	Drafting And Designing With Digital Media	IT102+ARC141	4	2	0	4
	ENGL104	English for Academic Purposes II	ENGL103	3	3	0	0
	GS102	Creative Thinking		2	1	0	2
	<b>Total</b>			<b>18</b>	13	4	6

SECOND YEAR

	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
Third Semester	ARC211	Architectural Design I	ARC112	5	1	8	0
	ARC231	Building Construction	ARC131	4	2	4	0
	ARC261	Structural Analysis	ARC161	2	2	0	0
	ARC241	Rendering Techniques and Animation I	ARC143	3	1	0	4
	ENGL202	English Writing for Communications	ENGL104	3	3	0	0
	<b>Total</b>			<b>17</b>	9	12	4

	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
Fourth Semester	ARC212	Architectural Design II	ARC211	5	1	8	0
	ARC232	Working Drawing Documents I	ARC231	4	1	6	0
	ARC221	History of Architecture I	ENGL103	3	3	0	0
	ARC251	Passive and Active Climatic Design	ARC131	3	3	0	0
	GS133	History of Bahrain		3	3	0	0
	<b>Total</b>			<b>18</b>	11	14	0

THIRD YEAR

	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
Fifth Semester	ARC311	Architectural Design III	ARC212	5	1	8	0
	ARC331	Working Drawing Documents II	ARC232	4	1	6	0
	ARC321	History of Architecture II	ARC221	3	3	0	0
	ARC361	Building Materials & Testing	ARC261	2	1	0	2
	ARC362	Field Surveying	ARC161	3	2	0	2
	<b>Total</b>			<b>17</b>	8	14	4

	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
Sixth Semester	ARC312	Architectural Design IV	ARC311	5	1	8	0
	ARC341	Building Information Modelling	ARC241	3	1	0	4
	ARC322	Bahraini and Regional Architecture and Art	GS133	2	2	0	0
	ARC332	Technical Installations	ARC131	2	2	0	0
	ARC363	Structural Design	ARC361	3	3	0	0
	ARC323	Theory of Architecture	ARC321	3	3	0	0
	<b>Total</b>			<b>18</b>	12	8	4

FOURTH YEAR

	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
Seventh Semester	ARC411	Architectural Design V	ARC312	5	1	8	0
	ARC451	Environmental Control Systems	ARC251	2	2	0	0
	ARC471	Introduction to City & Regional Planning	ARC311	3	2	2	0
	ARC49X	Elective I		2	2	0	0
	ARC421	International Contemporary Architecture	ARC321	3	3	0	0
	GS111	Arabic Language Skills		3	3	0	0
<b>Total</b>			<b>18</b>	13	10	0	

	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
Eighth Semester	ARC412	Urban Design	ARC471	4	2	4	0
	ARC452	Lighting and Acoustics	ARC332	2	2	0	0
	ARC472	Landscape Architecture	ARC311	3	1	4	0
	ARC481	Building Economics	ARC231	3	3	0	0
	ARC401	Graduation Project Research	ARC411 + ARC101	3	2	2	0
	LAW106	Human Rights		2	2	0	0
	<b>Total</b>			<b>17</b>	12	10	0

Summer	ARC482	Architectural Training	Passing 125 Cr.	6	200 Training Hours		
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FIFTH YEAR

	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
Ninth Semester	ARC511	Architectural Design VI	ARC411	6	1	10	0
	ARC59X	ELECTIVE II		2	2	0	0
	ARC581	Introduction to Project Management	ARC481	2	2	0	0
	ARC582	Specifications and Bill Of Quantities	ARC361	3	3	0	0
	ARC551	Sustainable Built Environment	ARC251+ARC412	2	2	0	0
	ARC521	Housing Theories	ARC471	3	2	2	0
	<b>Total</b>			<b>18</b>	12	12	0

	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
Tenth Semester	ARC512	Graduation Project	ARC401	6	1	10	0
	ARC583	Professional Practice & Ethics	ARC581	2	2	0	0
	ARC584	Building Regulations & Codes	ARC411	2	2	0	0
	ARC59X	ELECTIVE III		2	2	0	0
	ARC531	Shop Drawings	ARC331	3	1	4	0
	<b>Total</b>			<b>15</b>	8	14	0

ELECTIVE COURSES

ELECTIVE COURSES (Level 4)	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
	ARC491	Interior Design	ARC311	2	1	2	0
	ARC492	Rendering Techniques & Animation II	ARC241	2	1	0	2
	ARC493	Advanced Computer Techniques	ARC241	2	1	0	2
	ARC494	Climatic Environmental Design	ARC251	2	2	0	0
	ARC495	Architectural Photography	ARC111	2	1	2	0

ELECTIVE COURSES (Level 5)	Code	Course Title	Prerequisite	Credits	Contact Hours		
					L	St	Lab
	ARC591	GIS Applications in Planning	ARC471	2	1	0	2
	ARC592	Special Topics in Architecture	ARC322	2	2	0	0
	ARC593	Environmental Planning Methods	ARC471	2	2	0	0
	ARC594	Techniques of Environmental Control	ARC451	2	2	0	0
	ARC595	Architectural Criticism	ARC421	2	2	0	0
	ARC596	Building Conservation	ARC322	2	2	0	0
	ARC597	Urban Planning Redevelopment	ARC471	2	2	0	0
	INTD421	Interior Architecture Now	ARC322	2	2	2	0

Total Number of Compulsory Courses	53
Total Number of Elective Courses	3

Common Courses (AE & ID) - 14 courses - 40 credit hours	
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Total Credit Hours	179
Total Contact Hours (Excluding Training)	237

University requirements Courses - 8 Courses - 21 Credit Hours	
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