

Al Yamamah University

College of Engineering and Architecture

Architecture Department

Architecture Study plan

# Architecture Program {Architecture} 160 CR

## First Year – Freshmen

1								2							
Course code	Course name		LT	LB	CR	PRE		Course code	Course name		LT	LB	CR	PRE	
1	DES	101	Foundation 1	1	3	2	ORN 02R ORN 02C	1	ARC	111	Basic Design Studio II: Principles of Design	2	4	3	DES 101 ARC 101 ORN 3R ORN 3C
2	ARC	101	Basic Design Studio I: Architectural Drawing	2	4	3	ORN 02R ORN 02C	2	ARC	112	Drawing II : Shade/ shadow & perspective drawing	0	4	2	DES 101 ARC 101 ORN 3R ORN 3C
3	STT	102	Introduction to Statistics	3	0	3	MTH 001	3	PHY	102	Physics for Architecture	3	0	3	ORN 04R ORN 04C
4	ENG	101	English Essay Writing I	3	0	3	ORN 05-R	4	MEC	103	Engineering Mechanics	3	0	3	MTH 001
5	PHL	101	Critical Thinking	3	0	3	ORN -04R ORN -04C	5	PHY	201	Introduction to Physical Science	3	0	3	ORN 04R ORN 04C
6	SOS	102	Introduction to Social Science	3	0	3	ORN -04R ORN -04C	6	ENG	201	Technical Report Writing	3	0	3	ENG 101
				<b>15</b>	<b>7</b>	<b>17</b>			<b>14</b>	<b>8</b>	<b>17</b>				

## Second Year - Sophomore 1

3								4							
Course code	Course name		LT	LB	CR	PRE		Course code	Course name		LT	LB	CR	PRE	
1	ARC	201	Architectural Design Studio I	2	5	4	ARC 111 ARC 112 ORN 05R ORN 05C	1	ARC	211	Architectural Design Studio II	2	5	4	ARC 201
2	ARC	202	Drawing III: Digital Media 2D	1	4	2	ARC 112	2	ARC	212	Drawing IV : Digital Media 3D & Animation	1	4	2	ARC 202
3	ARC	203	History of Architecture I	2	0	2	ARC 111 ORN 05R ORN 05C	3	ARC	213	History of Architecture II	2	0	2	ARC 203
4	ARC	204	Theory of Architecture I	2	0	2	ARC 111 ORN 05R ORN 05C	4	ARC	214	Theory of Architecture II	2	0	2	ARC 204
5	ARC	205	Theory of Structure	1	2	2	MEC 103, PHY 102 OR PHY 201	5	ARC	215	Building Construction I	2	3	3	ARC 201
6	ISL	101	Foundation of Islamic Culture	2	0	2		6	ARC	216	Concrete & steel construction	1	2	2	ARC 205
7	ARB	102	Communication Skill in Arabic	2	0	2	ORN 02R ORN 02C	7	ARB	202	Writing Skills in Arabic	2	0	2	ORN 02R ORN 02C
				<b>12</b>	<b>11</b>	<b>16</b>			<b>12</b>	<b>14</b>	<b>17</b>				

## Third Year - Sophomore 2

5 Course code Course name LT LB CR PRE								6 Course code Course name LT L B CR PRE							
1	ARC	301	Architectural digital Design Studio III	2	6	5	ARC 211 ARC 212	1	ARC	311	Architectural Design Studio IV	2	6	5	ARC 301
2	ARC	302	Building Construction II	2	3	3	ARC 215	2	ARC	312	Sanitary installation	2	0	2	ARC 302
3	ARC	303	Technical Installation	2	0	2	ARC 215	3	ARC	313	Intro. to Housing and Urban Design	3	0	3	ARC 301
4	ARC	304	Introduction to Environmental control	3	0	3	PHY 102	4	ARC	314	Introduction to Building Technology	3	0	3	ARC 302 ARC 305
5	ARC	305	Properties and strength of materials	1	2	2	PHY 102	5	ARC	315	Soil Mechanics and Foundation	1	2	2	ARC 305
6	ISL	201	Foundation of Islamic Economy	2	0	2	ORN 02R ORN 02C	6	ARB	302	Selected Topics in Arabic	2	0	2	ORN 02R ORN 02C
				12	11	17						13	8	17	

### ARC 316 Co-op 6 CR SUMMER TRAINING FOR (440 HOURS)

#### Fourth Year - Junior

7 Course code Course name LT LB CR PRE								8 Course code Course name LT LB CR PRE							
1	ARC	401	Architectural Design Studio V	2	8	6	ARC 311	1	ARC	411	Architectural Design Studio VI	2	8	6	ARC 313 ARC 401
2	ARC	402	Landscape Architecture and site planning	2	3	3	ARC 201	2	ARC	412	City Planning	2	4	3	ARC 311
3	ARC	403	Working Drawings	2	4	3	ARC 302	3	ARC	413	Working Drawings and Documentations	2	4	3	ARC 403
4	ARC	XXX	Department Elective I	2	0	2	ARC 301	4	ARC	XXX	Department Elective II	2	0	2	ARC 301
5	ISL	301	Work Ethics in Islam	2	0	2	ORN 02R ORN 02C	5	ISL	401	Topics in Islamic Thought	2	0	2	ORN 02R ORN 02C
				10	15	16						10	16	16	

#### Fifth Year - Senior

9 Course code Course name LT LB CR PRE								10 Course code Course name LT LB CR PRE							
1	ARC	501	Architectural Design Studio VII	2	8	6	ARC 303 ARC 314 ARC 411	1	ARC	511	Final Architectural Design Project VIII	2	10	7	ARC 402 ARC 501
2	ARC	502	Architectural professional Practice	2	0	2	ARC 311	2	ARC	451	Out of Dept. Elect. II	2	0	2	ENG 201
3	ARC	XXX	Department Elective III	2	0	2	ARC 301								
4	ARC	450	Out of Dept. Elect. I	2	0	2	ENG 201								
				8	8	12						4	10	9	

### Elective Courses of {Architecture} Specialization (A)

	Course code		Course name	LT	LB	CR	PRE
1	ARC	A 421	Housing Design	2	0	2	ARC 311
2	ARC	A 422	Architectural Criticism	2	0	2	ARC 311
3	ARC	A 423	Urban Design	2	0	2	ARC 311
4	IAR	313	Environment and Human Factors	2	0	2	ARC 301
5	ARC	A 425	Architecture Conservation	2	0	2	ARC 311
6	ARC	A 426	Sustainability in Architecture	2	0	2	ARC 311