

Al Yamamah University

College of Engineering and Architecture

Architecture Program

Architecture Study plan

Architecture Program {Architecture} 160 CR

First Year – Freshmen

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

Second Year - Sophomore 1

3	Course code		Course name	LT	LB	CR	PRE	4	Course code		Course name	LT	LB	CR	PRE
1	ARC	201	Architectural Design Studio I	2	5	4	ARC 111, ARC 112	1	ARC	211	Architectural Design Studio II	2	5	4	ARC 201
2	ARC	202	Drawing III : Digital Media 2 D	1	4	2	ARC 112	2	ARC	212	Drawing IV : Digital Media 3-D & Animation	1	4	2	ARC 202
3	ARC	203	History of Architecture I	2	0	2	ARC 111	3	ARC	213	History of Architecture II	2	0	2	ARC 203
4	ARC	204	Theory of Architecture I	2	0	2	ARC 111	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 101	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		7	ARB	202	Writing Skills in Arabic	2	0	2	
				12	11	16						12	14	17	

Third Year - Sophomore 2

5	Course code		Course name	LT	LB	CR	PRE	6	Course code		Course name	LT	LB	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		6	ARB	302	Selected Topics in Arabic	2	0	2	
				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	XXX	4	ARC	XXX	Department Elective II	2	0	2	XXX
5	ISL	301	Work Ethics in Islam	2	0	2		5	ISL	401	Topics in Islamic Thought	2	0	2	
				10	15	16						10	16	16	

Fifth Year - Senior

2 1 1 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	
	3	ARC	XXX	Department Elective III	2	0	2		XXX								
	4	ARC	450	Out of Dept. Elect. I	2	0	2										
				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