

**Table 1. The Architecture Program Study Plan (160CR) V2022**

**Abbreviations: CR: Credit hours – LT: Actual lecture hours – LB: Actual Laboratory/Studio hours**

Code	Course name	CR	(LT, LB)	Pre-req.	Code	Course name	CR	(LT, LB)	Pre-req.		
<b>First Year (Freshman)</b>											
ARCH	101	Basic Design Studio I	3	(0,6)	ORN 02R ORN 02C	ARCH	111	Basic Design Studio II	3	(0,6)	ARCH101 ORN 03R ORN 03C
ARCH	102	Architectural Drawing I	3	(0,6)	ORN 02R ORN 02C	ARCH	112	Architectural Drawing II	3	(0,6)	ARCH102 ORN 03R ORN 03C
MTH	101	General Calculus	3	(3,0)	MTH 001	ARCH	113	Computer-Aided Design I	2	(0,4)	ARCH102
XXX	XXX	Social \ Humanities Elect.	3	(3,0)	ORN 04R ORN 04C	XXX	XXX	Social \ Humanities Elect.	3	(3,0)	ORN 04R ORN 04C
ENG	101	English Essay Writing I	3	(3,0)	ORN 05-R	PHY	103	Physics I	4	(3,2)	MTH 101
ISL	101	Foundation of Islamic Culture	2	(2,0)	ORN 02R ORN 02C	ENG	201	Technical Report Writing	3	(3,0)	ENG 101
			<b>17</b>						<b>18</b>		
<b>Second Year (Sophomore I)</b>											
ARCH	201	Architectural Design I	5	(0,10)	ARCH111, ORN 05R ORN 05C	ARCH	211	Architectural Design II	5	(0,10)	ARCH 201
ARCH	202	History of Architecture	3	(3,0)	ARCH111, ORN 05R ORN 05C	ARCH	212	Theory of Architecture	3	(3,0)	ARCH 202
ARCH	203	Computer-Aided Design II	2	(0,4)	ARCH 113	ARCH	213	Introduction to Environmental control	3	(3,0)	ARCH 201
ARCH	204	Building Construction I	3	(2, 2)	ARCH 112	ARCH	214	Building Materials and Components	2	(2,1)	ARCH 204
MEC	103	Engineering Mechanics	3	(3,0)	PHY 103	ISL	201	Foundation of Islamic Economy	2	(2,0)	ORN 02R ORN 02C
ARB	102	Communication Skill in Arabic	2	(2,0)	ORN 02R ORN 02C	ARB	202	Writing Skills in Arabic	2	(2,0)	ORN 02R ORN 02C
			<b>18</b>						<b>17</b>		
<b>Third Year (Sophomore II)</b>											
ARCH	301	Architectural Design III	5	(0,10)	ARCH 211	ARCH	311	Architectural Design IV	5	(0,10)	ARCH 301
ARCH	302	Building Construction II	3	(2, 2)	ARCH 214	ARCH	312	Urban Planning & Design	3	(2, 2)	ARCH 303
ARCH	303	Landscape and Site Planning	3	(2, 2)	ARCH 211	ARCH	313	Contemporary Issues in Architecture	2	(2,0)	ARCH 212
ARCH	304	Structure I	3	(3,0)	ARCH 211 MEC103	ARCH	314	Structure II	3	(3,0)	ARCH 304
ARCH	305	Islamic Architecture	2	(2,0)	ARCH 212	ARCH	315	Technical Installations	3	(2, 2)	ARCH 302
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			<b>16</b>						<b>16</b>		
<b>Fourth Year (Junior)</b>											
ARCH	401	Architectural Design V	5	(0,10)	ARCH 311	ARCH	411	Architectural Design VI	5	(0,10)	ARCH 401
ARCH	402	Working Drawings	3	(2, 2)	ARCH 311 ARCH 302	ARCH	412	Contract Documents	3	(2, 2)	ARCH 402
ARCH	403	Lighting and Acoustics	3	(2, 2)	ARCH 315	ARCH	413	Engineering Project Management	3	(3,0)	ARCH 401
ARCH	404	Housing and Human settlements	2	(2,0)	ARCH 312	ARCH	xxx	Program Elective II	2	(2,0)	ARCH 311
ARCH	405	Humanities in Architecture	2	(2,0)	ARCH 311			Business Management Elective	3	(3,0)	ARCH 301 MTH 101
ARCH	xxx	Program Elective I	2	(2,0)	ARCH 311	CSK	001	Career Skills	-	-	
			<b>17</b>						<b>16</b>		

Fifth Year (Senior)											
ARCH	501	Architectural Design VII	5	(0,10)	ARCH 411	ARCH	511	Graduation Project	6	(0,12)	ARCH 501 ARCH 503
ARCH	502	Professional Practice I	2	(2,0)	ARCH 411	ARCH	512	Professional Practice II	2	(2,0)	ARCH 502
ARCH	503	Graduation Project Research and Programming	3	(2, 2)	ARCH 411	ARCH	xxx	Program Elective IV	2	(2,0)	ARCH 311
ARCH	xxx	Program Elective III	2	(2,0)	ARCH 311						
			<b>12</b>						<b>10</b>		

**Co-op: Students are eligible for the co-op after completing 90 CR. of the program**

ARCH	316	Co-op	<b>3</b>
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**Table 2. Pool of Electives**

Level	Field	Code	Courses	CR	(LT, LB)	Prerequisite
University Elective	Humanities	FRE 106	(Conversational French 1)	3	(3,0)	
		SOS 101	(Saudi Heritage) for Male Students	3	(3,0)	
			Chinese	3	(3,0)	
	Social	SOS 102	(Introduction to Social Science)	3	(3,0)	
		PHL 101	(Critical Thinking)	3	(3,0)	
		PSY 101	(Principle of Psychology)	3	(3,0)	
Business Management	MGT101	Introduction to Management	3	(3,0)	ARCH 301 MTH 101	
	MKT101	Introduction to Marketing	3	(3,0)	ARCH 301 MTH 101	
	ACC 201	Financial Accounting	3	(3,0)	ARCH 301 MTH 101	
Program Elective	Digital 2D and 3d Communication	ARCH 421	Advanced 3D Modelling and Animation	2	(2,0)	ARC 311
		ARCH 422	Advanced Graphical Communication	2	(2,0)	ARC 311
		ARCH 423	Parametric Design	2	(2,0)	ARC 311
	Sustainable Architecture	ARCH 431	Sustainability in the Built Environment	2	(2,0)	ARC 311
		ARCH 432	Advanced Lighting Techniques	2	(2,0)	ARC 311
		ARCH 433	Building Energy Conservation & management	2	(2,0)	ARC 311
	Interior Design	ARCH 441	Interior Design	2	(2,0)	ARC 311
		ARCH 442	Furniture Design & Internal Treatments	2	(2,0)	ARC 311
	Other	ARCH 451	Hospital Design	2	(2,0)	ARC 311
		ARCH 452	Design for Special Needs	2	(2,0)	ARC 311
		ARCH 453	Building Design: Form and Structure	2	(2,0)	ARC 311
		ARCH 454	Building Economics for Architects	2	(2,0)	ARC 311
		ARCH 455	Architectural Preservation	2	(2,0)	ARC 311
		ARCH 456	Vernacular Architecture	2	(2,0)	ARC 311
		ARCH 457	Contemporary Issues in Urban Design	2	(2,0)	ARC 311
ARCH 458		Contemporary Construction Techniques	2	(2,0)	ARC 311	