

# College of Architecture & Design

### **Architecture Department**

#### BARCH STUDY PLAN FOR FALL INTAKE

	Semester	Code	Course	СН	L-S-CH	Prerequisites
F		ARC 101	Architecture Design Studio 1	5	1-8-5	None
		GEN 101	Communication skills in Arabic	3	3-0-3	None
	Fall	ENL 101	English Composition	3	3-0-3	None
R		MAT 111	Calculus I	3	3-0-3	None
S		ENL 104	Research & Learning Skills	3	3-0-3	None
T				17		
		ARC 102	Architecture Design Studio 2	5	1-8-5	ARC 101
Y E		ENL 102	Communication Skills	3	3-0-3	None
A	Winter	MAT 112	Calculus II	3	3-0-3	MAT 111
R		SAT 104	General Science	3	3-0-3	None
		ARC 111	History and Theory of Arch. I	<u>3</u>	3-0-3	None
		100001		17	1 10 6	100100
s		ARC 201	Architecture Design Studio 3	6	1-10-6	ARC 102
E		ARC 212	History and Theory of Architecture 2	3	3-0-3	ARC 111
c	Fall	ARC 221	Building Materials and Methods Of Construction	3	3-0-3	ARC 102
0		GEN 102	Fundamentals of Innovation and Entrepreneurship	3	3-0-3	None
N D		PHY 111	Engineering Physics I	3 18	2-2-3	None
U		ARC 202	Architecture Design Studio 4	6	1-10-6	APC 201 APC 221
Υ		ARC 202 ARC 213	History and Theory of Architecture 3	3	3-0-3	ARC 201, ARC 221 ARC 212
E	Winter	ARC 331	Structural Analysis	3	3-0-3	ARC 212 ARC 201 & PHY 111
A		ARC 208	Building Information Modeling	3	3-0-3	ARC 101
R		ARC 200	building information Woucing	15	303	ARC 101
		ARC 301	Architecture Design Studio 5	6	1-10-6	ARC 202
		ARC 332	Structural Design 1	3	3-0-3	ARC 331
Т	Fall	ENL 103	Technical Writing	3	3-0-3	None
Ĥ		SAH 101	UAE Society	3	3-0-3	None
1		ARC 314	Theories of Architecture	<u>3</u>	3-0-3	ARC 213
R D				18		
U		ARC 302	Architecture Design Studio 6	6	1-10-6	ARC 301
Υ		ARC 341	Environmental Systems	3	3-0-3	ARC 102
E	Winter	ARC 322	The Professional Practice of Architecture 1: Design and	3	3-0-3	ARC 221
A R	· · · · · · · · · · · · · · · · · · ·		Construction Process with Building Economics			
,		SAT 102	Fundamentals of Statistics	<u>3</u>	3-0-3	None
		SAH 102	Islamic Studies	<u>3</u>	3-0-3	None
		ABC 401	Auchitecture Design Studie 7	18	1 10 6	ARC 302
F	Fall	ARC 401 PRO ELE	Architecture Design Studio 7 Professional Elective	6 3	1-10-6 3-0-3	*
O U		ARC 442	Sustainability and Energy Conservation	3	3-0-3	ARC 302, ARC 341
R		ARC 442 ARC 451	The Professional Practice of Architecture 2	3	3-0-3	ARC 302, ARC 341
Т		AIIC 431	The Froissonar Factice of Architecture 2	15	303	AITC 322
Н		ARC 402	Architecture Design Studio 8	6	1-10-6	ARC401
Υ		PRO ELE	Professional Elective	3	3-0-3	*
Ē	Winter	GEN ELE	General Elective	3	3-0-3	*
Α		PRO ELE	Professional Elective	3	3-0-3	*
R				15		
F	Fall	ARC 501	Architecture Design Studio 9	6	2-8-6	ARC 402
i i		ARC 561	Life Safety and Codes	3	3-0-3	ARC 402
F		GEN ELE	General Elective	3	3-0-3	*
T H		ARC 571	Internship	<u>3</u>	3-0-3	ARC 451
"				15		
Υ	Winter	ARC 502	Architecture Thesis	6	0-12-6	ARC 501
E		PRO ELE	Professional Elective	3	3-0-3	*
A R		PRO ELE	Professional Elective	3	3-0-3	*
				12		
			Credits Total	160		

<sup>\*</sup> Courses require Academic Advisor Approval



# College of Architecture & Design

### **Architecture Department**

#### BARCH STUDY PLAN FOR WINTER INTAKE

	Semester	Code	Course	СН	L-S-CH	Prerequisites
		ARC 101	Architecture Design Studio 1	5	1-8-5	None
F I R S T		GEN 101	Communication skills in Arabic	3	3-0-3	None
	Winter	ENL 101	English Composition	3	3-0-3	None
		MAT 111	Calculus I	3	3-0-3	None
		ARC 111	History and Theory of Arch. I	3	3-0-3	None
				17		
Y	Summers	ARC 102	Architecture Design Studio 2	5	1-8-5	ARC 101
E A		SAT 104	General Science	3	3-0-3	None
R		ENL 104	Research & Learning Skills	3	3-0-3	None
				11		
		ARC 201	Architecture Design Studio 3	6	1-10-6	ARC 102
		ARC 212	History and Theory of Architecture 2	3	3-0-3	ARC 111
s	Fall	ARC 221	Building Materials and Methods Of Construction	3	3-0-3	ARC 102
Ē		GEN 102	Fundamentals of Innovation and Entrepreneurship	3	3-0-3	None
С		PHY 111	Engineering Physics I	3	2-2-3	None
0				18		
N D		ARC 202	Architecture Design Studio 4	6	1-10-6	ARC 201, ARC 221
	Winter	ARC 213	History and Theory of Architecture 3	3	3-0-3	ARC 212
Υ	willter	ARC 331	Structural Analysis	3	3-0-3	ARC 201 & PHY 111
E		ARC 208	Building Information Modeling	3	3-0-3	ARC 101
A				15		
R	Summer	ENL 102	Communication Skills	3	3-0-3	None
	Summer	MAT 112	Calculus II	3	3-0-3	MAT 111
				6		
		ARC 301	Architecture Design Studio 5	6	1-10-6	ARC 202
		ARC 332	Structural Design 1	3	3-0-3	ARC 331
Т	Fall	ENL 103	Technical Writing	3	3-0-3	None
н		SAH 101	UAE Society	3	3-0-3	None
1		ARC 314	Theories of Architecture	<u>3</u>	3-0-3	ARC 213
R D				18		
		ARC 302	Architecture Design Studio 6	6	1-10-6	ARC 301
Υ		ARC 341	Environmental Systems	3	3-0-3	ARC 102
E A	Winter	ARC 322	The Professional Practice of Architecture 1: Design and	3	3-0-3	ARC 221
R		CAT 400	Construction Process with Building Economics		2.0.2	News
		SAT 102	Fundamentals of Statistics	3	3-0-3	None
		SAH 102	Islamic Studies	<u>3</u>	3-0-3	None
		ADC 404	Auditorius Paris Chalis 7	18	4.40.6	ADC 202
F	Fall	ARC 401	Architecture Design Studio 7 Professional Elective	6	1-10-6	ARC 302
O U		PRO ELE ARC 442		3	3-0-3 3-0-3	
R		ARC 442 ARC 451	Sustainability and Energy Conservation  The Professional Practice of Architecture 2	3	3-0-3	ARC 302, ARC 341 ARC 322
T		ARC 451	The Professional Practice of Architecture 2	<u>3</u> 15	3-0-3	ARC 322
н		ARC 402	Architecture Design Studio 8		1, 10 6	ARC/101
	Winter	PRO ELE	Professional Elective	6 3	1-10-6 3-0-3	*
Y E		GEN ELE	General Elective	3	3-0-3	*
A		PRO ELE	Professional Elective	3	3-0-3	*
R		PRO LLL	Professional Elective	15	3-0-3	
	Fall	ARC 501	Architecture Design Studio 9	6	2-8-6	ARC 402
F		ARC 501 ARC 561	Life Safety and Codes	3	3-0-3	ARC 402
F		GEN ELE	General Elective	3	3-0-3	*
Ť		ARC 571	Internship	3	3-0-3	ARC 451
н		ANC 3/1	псенапр	15	3-0-3	ANC 431
Υ		ARC 502	Architecture Thesis	6	0.12.6	ARC 501
	Winter	PRO ELE	Professional Elective	3	0-12-6 3-0-3	*
E A		PRO ELE	Professional Elective	3	3-0-3	*
R		ANO ELE	FIOIESSIOIIdi Elective	12	3-0-3	
			Credits Total	160		
* 0		A 1 .	Advisor Approval	100		

<sup>\*</sup> Courses require Academic Advisor Approval



# College of Architecture & Design

### **Architecture Department**

#### **Bachelor of Architecture - BARCH Study Plan (Elective Course)**

Electives	Code	Course	СН	L-S-CH	Prerequisites
	ARC 433	Structural Design 2	3	3-0-3	ARC 332
	ARC 443	Environmental Psychology	3	3-0-3	ARC 302
	ARC 480	Special Topic in Architecture	3	3-0-3	*
	ARC 481	Landscape Design	3	3-0-3	ARC 302
	ARC 482	Sustainable Urban Design	3	3-0-3	ARC 401
	ARC 483	Interior Design: Theory and Practice	5	3-0-3	ARC 302
	ARC 581	Design Management	3	3-0-3	ARC 451
	ARC 583	Conservation and Restoration Management	3	3-0-3	ARC 451