

## BARCH STUDY PLAN FOR WINTER INTAKE

	Semester	Code	Course	CH	L-S-CH	Prerequisites	
F I R S T  Y E A R	Winter	ARC 101	Architecture Design Studio 1	5	1-8-5	None	
		SAT 103	Computer Applications & Technology	3	3-0-3	None	
		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			
	Summers	ARC 102	Architecture Design Studio 2	5	1-8-5	ARC 101	
		SAT 104 / SAT 105	General Science / Environmental Studies	3	3-0-3	None	
		ENL 104	Research & Learning Skills	3	3-0-3	None	
				11			
S E C O N D  Y E A R	Fall	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	
		ARC 221	Building Materials and Methods Of Construction	3	3-0-3	ARC 102	
		SAH 103	Introduction to Reasoning & Critical Thinking	3	3-0-3	None	
		PHY 111	Engineering Physics I	3	2-2-3	None	
				18			
	Winter	ARC 202	Architecture Design Studio 4	6	1-10-6	ARC 201, ARC 221	
		ARC 213	History and Theory of Architecture 3	3	3-0-3	ARC 212	
		ARC 331	Structural Analysis	3	3-0-3	ARC 201 & PHY 111	
		ARC 208	Building Information Modeling	3	3-0-3	ARC 101	
				15			
	Summer	ENL 102	Communication Skills	3	3-0-3	None	
		MAT 112	Calculus II	3	3-0-3	MAT 111	
				6			
	T H I R D  Y E A R	Fall	ARC 301	Architecture Design Studio 5	6	1-10-6	ARC 202
			ARC 332	Structural Design 1	3	3-0-3	ARC 331
			ENL 103	Technical Writing	3	3-0-3	None
			SAH 101	UAE Society	3	3-0-3	None
ARC 314			Theories of Architecture	3	3-0-3	ARC 213	
				18			
Winter		ARC 302	Architecture Design Studio 6	6	1-10-6	ARC 301	
		ARC 341	Environmental Systems	3	3-0-3	ARC 102	
		ARC 322	The Professional Practice of Architecture 1: Design and Construction Process with Building Economics	3	3-0-3	ARC 221	
		SAT 102	Fundamentals of Statistics	3	3-0-3	None	
		SAH 102	Islamic Studies	3	3-0-3	None	
				18			
F O U R T H  Y E A R		Fall	ARC 401	Architecture Design Studio 7	6	1-10-6	ARC 302
			PRO ELE	Professional Elective	3	3-0-3	*
	ARC 442		Sustainability and Energy Conservation	3	3-0-3	ARC 302, ARC 341	
	ARC 451		The Professional Practice of Architecture 2	3	3-0-3	ARC 322	
				15			
	Winter	ARC 402	Architecture Design Studio 8	6	1-10-6	ARC401	
		PRO ELE	Professional Elective	3	3-0-3	*	
		GEN ELE	General Elective	3	3-0-3	*	
		PRO ELE	Professional Elective	3	3-0-3	*	
				15			
F I F T H  Y E A R	Fall	ARC 501	Architecture Design Studio 9	6	2-8-6	ARC 402	
		ARC 561	Life Safety and Codes	3	3-0-3	ARC 402	
		GEN ELE	General Elective	3	3-0-3	*	
		ARC 571	Internship	3	3-0-3	ARC 451	
				15			
	Winter	ARC 502	Architecture Thesis	6	0-12-6	ARC 501	
		PRO ELE	Professional Elective	3	3-0-3	*	
		PRO ELE	Professional Elective	3	3-0-3	*	
			12				
			Credits Total	160			

\* Courses require Academic Advisor Approval