

**Bachelor of Architecture  
Study Plan (Fall Start)**

**First Year (Freshman)**

**Total Credit Hours: 162**

Semester 1

Code	Title	Cr.	Prerequisite
ENG 200	English 2	3	IELTS average score of 6 or EMSAT average score of 1400 or passing grade in ENG102. FWS100/USS001 as Co-req if placed in ENG200
ARL 100	Communication Skills in Arabic I	3	Nil
ISL 100	Islamic Culture	3	Nil
STT 100	General Statistics	3	Nil
DES 110	Design Communication I	3	nil

**Total Credit Hours 15**

Semester 2

Code	Title	Cr.	Prerequisite
FWS 205	UAE and GCC Society	3	ENG102 (P) & USS001 as pre-requisite USS001 as (Co) if placed in ENG200 directly
MTT 101	Pre-Calculus	3	MTH 100 or MPT
COE 101	Introductory Artificial Intelligence	3	STT 100
DES 130	Design Foundations	3	Nil
DES 120	Design Communication II	3	DES 110

**Total Credit Hours 15**

**Second Year (Sophomore)**

Semester 3

Code	Title	Cr.	Prerequisite
ARC 210	Architectural Design I	4	DES 120 and DES 130
ARC 220	Architectural History I	3	ENG 200
ARC 230	Building Technology I	3	DES 110
ARC 240	Architecture and the Environment	3	Nil
MTT 102	Calculus I	3	MTT 101

**Total Credit Hours 16**

Semester 4

Code	Title	Cr.	Prerequisite
ARC 250	Architectural Design II	4	ARC 210
ARC 260	Architectural and Interior Design History II	3	ARC 220
ARC 270	Building Technology II	3	ARC 230
ARC 280	Computer-Aided Design	3	DES 110
PHY 102	Physics and Engineering Applications I	3	MTT 102
PHY 102L	Physics and Engineering Applications I Lab	1	MTT 102+ PHY 102 (co-req)

**Total Credit Hours 17**

**Third Year (Junior)**

Semester 5

Code	Title	Cr.	Prerequisite
ARC 310	Architectural Design III	6	ARC 250
ARC 320	Env. Design I: Lighting & Acoustics	3	ARC 210
ARC 330	Structures for Architects I	3	ARC 270
ARC 340	Building Technology III	3	ARC 270

**Total Credit Hours 15**

Semester 6

Code	Title	Cr.	Prerequisite
ARC 350	Architectural Design IV	6	ARC 310
ARC 420	Env. Design II: Energy and Systems	3	ARC 240 and ARC 270
ARC 370	Professional Practice & Ethics	3	ENG 200
FWS 305	Technical Communications for Work Place	3	ENG 200 + Comp. of 45 c. hr.
COE 102	Introductory Big Data analytics	3	STT 100

**Total Credit Hours 18**

Summer Semester

Code	Title	Cr.	Prerequisite
ARC 399A	Internship	1.5	90 Credit Hours

Winter Semester

Code	Title	Cr.	Prerequisite
ARC 399B	Internship	1.5	ARC 399A

**Fourth Year (Senior)**

Semester 7

Code	Title	Cr.	Prerequisite
ARC 410	Architectural Design V	6	ARC 350
ARC 360	Urban Planning	3	ARC 210
ARC 430	Working Drawings I	3	ARC 340
OE 01	Open elective I	3	
FWS 310	Fundamentals of Innovation and	3	ENG 200 + Comp. of 60 c. hr.

**Total Credit Hours 18**

Semester 8

Code	Title	Cr.	Prerequisite
ARC 450	Architectural Design VI	6	ARC 410
ARC 460	Structures for Architects II	3	ARC 330
ARC 470	Urban Design	3	ARC 360
ARC 520	Research Methods & Programming	3	ARC 410 (co-requisite)

**Total Credit Hours 15**

**Fifth Year (Final)**

Semester 9

Code	Title	Cr.	Prerequisite
ARC 510	Graduation Project I	6	ARC 450+ARC520
PRE 01	Professional Elective 1	3	
ARC 530	Working Drawings II	3	ARC 430
ARC 540	Sustainable Design	3	ARC 410

**Total Credit Hours 15**

Semester 10

Code	Title	Cr.	Prerequisite
ARC 550	Graduation Project II	6	ARC 510
PRE 02	Professional Elective 2	3	
PRE 03	Professional Elective 3	3	
OPE 02	Open Elective II	3	

**Total Credit Hours 15**