

**Bachelor of Architecture
Study Plan (Fall Start)
First Year (Freshman)**

Total Credit Hours: 162

Semester 1

Code	Title	Cr.	Prerequisite
ARL 100	Communication Skills in Arabic I	3	Nil
ENG 200	English 2	3	EPT / ENG102 + FWS100 (co-req)
ISL 100	Islamic Culture	3	Nil
STT 100	General Statistics	3	Nil
FWS 100	Academic Skills for Success	3	Nil
DES 110	Design Communication I	3	nil

Total Credit Hours 18

Semester 2

Code	Title	Cr.	Prerequisite
FWS 205	UAE and GCC Society	3	ENG102 + FWS100 (co-req)
MTT 101	Pre-Calculus	3	MTH 100 or MPT
OPE 01	Open Elective 1	3	
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	Design Studio 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	Design Studio 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	Design Studio 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	Design Studio IV	6	ARC 310
ARC 360	Urban Planning	3	ARC 210
ARC 370	Professional Practice & Ethics	3	ENG 200
FWS 305	Technical Communications for Work Place	3	ENG 200 + Comp. of 45 c. hr.
FWS 310	Fundamentals of Innovation and Entrepreneur	3	ENG 200 + Comp. of 60 c. hr.

Total Credit Hours 18

Summer Semester

Code	Title	Cr.	Prerequisite
ARC 399	Internship	3	90 Credit Hours

Fourth Year (Senior)

Semester 7

Code	Title	Cr.	Prerequisite
ARC 410	Design Studio V	6	ARC 350
ARC 420	Env. Design II: Energy and	3	ARC 240 and ARC 270
ARC 430	Working Drawings I	3	ARC 340
OPE 02	Open Elective 1	3	

Total Credit Hours 15

Semester 8

Code	Title	Cr.	Prerequisite
ARC 450	Design Studio VI (Capstone Experience)	6	ARC 410
ARC 460	Structures for Architects II	3	ARC 330
ARC 470	Urban Design	3	ARC 360
PRE 01	Professional Elective 1	3	

Total Credit Hours 15

Fifth Year (Final)

Semester 9

Code	Title	Cr.	Prerequisite
ARC 510	Graduation Project I	6	ARC 450
ARC 520	Research Methods & Programming	3	ARC 410 (co-requisite)
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	
ARC 582	3D Modelling	3	ARC 280 or DES210

Total Credit Hours 15