

Guidance Plan / Civil Engineering Program

	First Year		Second Year		Third Year		Fourth Year		Fifth Year	
	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester
	Science and Life 0201111	Computer Skills 0102120	Introduction to Programming 0102220	Mechanics of Materials 0111211	Structural analysis 0111312	Reinforced Concrete Design I 0111410	Water Resources Engineering 0111442	Internship 0111480	Capstone Project I 0111590	Capstone Project II 0111591
	Calculus I 0107101	Calculus II 0107104	Engineering Math 0107202	Probability Theory and Statistics 0107103	Construction Materials 0111310	Transportation Engineering 0111330	Highway Engineering 0111430	Environmental Engineering 0111440	Major Elective (1)	Major Elective (2)
	Chemistry 0201100	Islamic Culture 0406110	Statics 0111210	Geology 0111220	Materials Lab 0111311	Arabic Language 0405100	Design of Steel Structures 0111413	Environmental Engineering Lab 0111441	Group (A)	Group (B)
	Physics I 0108103	Physics II 0108203	Computer Aided analysis and Design 0111200	Linear Algebra 0107102	Fluid Mechanics 0111340	Geotechnical Engineering 0111320	Foundations Engineering 0111420	Engineering Economics 0111450	Construction Management 0111550	UAE Studies (0409103)
	Physics Lab I 0108104	Physics Lab II 0108204	Surveying 0111230	Dynamics 0111212	Fluid Mechanics and Hydraulics Lab 0111341	Geotechnical Engineering Lab 0111321	Introduction to Numerical Methods 0107201			
	English (1) 0401120	English (2) 0401121	Surveying Lab 0111231		Scientific Research Methodology 0508203	Fundamentals of Innovation and Entrepreneurship 0501170				
Total	16	16	16	15	14	16	15	10	10	12
Total	32		31		30		25		22	
Total	140									