



Term	Course	Title	Credits	Pre-requisites/Comments
<b>Year I</b>				
<b>Fall</b> <b>(16 Credits)</b>	ENGL 101	Basic Academic English I	3	-
	MATH 199	Calculus I	3	-
	PHYS 170	Fundamentals of Physics I	3	Pre/Co MATH 199
	PHYS 170L	Introductory Physics Laboratory	1	Pre/Co PHYS 170
	ENGR 100	Introduction to Engineering	3	Pre FPE 103C, FPM 102B, and FPT 102B
	ENGR 110	Engineering Workshop	1	Pre FPE 103C and FPM 102B
	ENGR 105	Engineering Graphics	2	Pre FPE 103C, FPM 102B, and FPT 102B
<b>Spring</b> <b>(16 Credits)</b>	ENGL 102	Basic Academic English II	3	Pre ENGL 101
	MATH 200	Calculus II	3	Pre MATH 199
	CMPS 100B	Introduction to Technical Programming	3	FPM 102B and FPT 102B
	CHEM 130	Chemical Principles	3	Pre FPE 103C and FPM 102B
	CHEM 130L	Chemistry Laboratory	1	Pre/ Co CHEM 130
	CIVE 210	Statics	3	Pre PHYS 170
<b>Summer</b> <b>(9 Credits)</b>	ENGL 203	Advanced Academic English I	3	Pre ENGL 202
	MATH 205	Calculus III	3	Pre MATH 200
	SOCS 102	Omani Society	3	-
<b>Year II</b>				
<b>Fall</b> <b>(17 Credits)</b>	ARAB 101	Academic Writing in Arabic	3	-
	MECH 270	Properties of Materials	3	Pre/Co ENGR 100
	PHYS 210	Fundamentals of Physics II	3	Pre PHYS 170
	PHYS 210L	Physics Laboratory II	1	Pre/Co PHYS 210
	CIVE 265	Surveying & GPS	3	Pre MATH 200 and CMPS 100B
	CIVE 265L	Surveying & GPS Laboratory	1	Pre/Co CIVE 265
	CIVE 213	Strength of Materials	3	Pre CIVE 210
<b>Spring</b> <b>(17 Credits)</b>	EECE 210	Electric Circuits	3	-
	CIVE 230	Geotechnical Engineering	3	CIVE 213
	CIVE 230L	Geotechnical Engineering Laboratory	1	Pre/Co CIVE 230
	CIVE 221	Construction Materials	3	CIVE 213
	CIVE 221L	Construction Materials Laboratory	1	Pre/Co CIVE 221
	CIVE 250	Structural Analysis I	3	Pre CIVE 210
	CIVE 241	Fluid Mechanics	3	Pre MATH 205
<b>Summer</b>	CIVE 299	Practical training - Diploma Students (8 weeks)	0	Permission of advisor
<b>(3 Credits)</b>	MATH 210	Differential Equations (For B.Sc. Students Only)	3	Pre MATH 200
<b>Year III</b>				
<b>Fall</b> <b>(16 Credits)</b>	MATH 335	Mathematics for Science and Engineering	3	Pre MATH 205 and MATH 210
	CIVE 325	Reinforced Concrete I	3	Pre CIVE 250 and Pre CIVE 221
	CIVE 241L	Fluid Mechanics Laboratory	1	Pre/Co CIVE 241
	EECE 130	Computers and Programming	3	Pre CMPS 100B
	CIVE 340	Engineering Hydrology	3	Pre/Co CIVE 241
		Science Elective	3	-
<b>Spring</b> <b>(17 Credits)</b>	ENGR 300	Engineering Economy	3	-
	CIVE 361	Transportation Engineering	3	Pre CIVE 265
	CIVE 361L	Transportation Engineering Laboratory	1	Pre/Co CIVE 361
	CIVE 420	Reinforced Concrete II	3	Pre CIVE 325
	CIVE 451	Water and Wastewater Treatment	3	Pre CIVE 241
	CIVE 451L	Water and Wastewater Treatment Laboratory	1	Pre/Co CIVE 451
	Technical Elective	3	Permission of advisor	
<b>Summer</b>	CIVE 400	Practical Training	0	Permission of advisor
<b>Year IV</b>				
<b>Fall</b> <b>(15 Credits)</b>	CIVE 401	Final Year Project I	0	Permission of advisor
	CIVE 350	Environmental Engineering	3	Pre CIVE 451
	CIVE 480	Construction Management	3	Pre CIVE 221, CIVE 265, and CIVE 325
	ENGL 280	Business English	3	Pre ENGL 203
	CIVE 331	Steel Design	3	Pre CIVE 213 and CIVE 250
	Technical Elective	3	Permission of advisor	
<b>Spring</b> <b>(12 Credits)</b>	CIVE 402	Final Year Project II	3	Pre CIVE 401
	SOCS 200	World Civilizations II	3	Pre ENGL 203
		Humanities/social Elective	3	-
	Technical Elective	3	Permission of advisor	