



Sohar University

Program Matrix Form

1. Faculty Engineering

2. Program Civil Engineering

3. Academic Year 2017-2018

Note: Rows can be added or deleted as needed

Level	Semester 1			Semester 2		
	Course Code	Course Name	Units	Course Code	Course Name	Units
1	ENGG1013	Engineering Drawing and Computer Drafting	1	ELEC1100	Principles of Electrical Circuits	2
	MATH1000	Mathematical Foundations	2	MATH1100	Calculus & Linear Algebra	2
	CHEM1020	General Chemistry	2	ENGG1010	Applied Mechanics	2
	COMP1500	Introduction to Programming	2	ENGG1023	Engineering of Materials	2
	UNIR 1000	Communication Skills	2	UNIR 1001	Oman and Islamic Studies	1
2	CIVE2310	Strength of Materials	2	CIVE2120	Fundamental of Fluid Mechanics	2
	MATH2100	Calculus & Statistics	2	CIVE2210	Fundamentals of Engineering Geology & Soil Mechanics	2
	CIVE2610	Intro to Civil Engineering & Environmental Issues	2	CIVE2320	Introduction to Structural Analyses and Design	2
	CIVE2710	Surveying	2	UNIR2000	Organizational Communications	2
	UNIR2001	Entrepreneurship	2	UNIR1002	Arabic Skills	1
3	ENGG3700	Numerical Analyses & Optimization	2	CIVE3350	Design of Reinforced Concrete Structures	2
	CIVE3340	Structural Analysis	2	CIVE3410	Traffic and Transportation Engineering	2
	CIVE3110	Hydrology	2	CIVE3220	Geotechnical Engineering	2
	CIVE3360	Structural Steel Design	2	UNIR3000	Research Methodology	2
4	CIVE4510A	Civil Engineering Design	2	CIVE4510B	Civil Engineering Design	2
	CIVE4130	Water Resources Engineering	2	CIVE4140	Waste Treatment Processes	2
	CIVE4810	Project Management	2	CIVE4420	Highway Engineering and Road Safety	2
	ENGG4801A	Thesis Project	2	ENGG4801B	Thesis Project	2