



Sohar University

## Program Matrix Form

<b>1. Faculty</b>	Engineering
<b>2. Program</b>	Chemical Engineering
<b>3. Academic Year</b>	2017-2018

Level	Semester 1			Semester 2		
	Course Code	Course Name	Units	Course Code	Course Name	Units
	ENGG1013	Engineering Drawing and Computer drafting	1	ELEC1100	Principles of Electrical Circuits	2
	UNIR1000	Communication Skills	2	MATH1100	Calculus & Linear Algebra	2
	MATH1000	Mathematical Foundations	2	ENGG1010	Applied Mechanics	2
	CHEM1020	General Chemistry	2	ENGG1023	Engineering of Materials	2
	COMP1500	Introduction to Programming	2	UNIR1001	Oman & Islamic Studies	1
	MATH2100	Calculus & Statistics	2	CHEM2002	Process Systems Analysis	2
	CHEM2000	Chemistry for Engineers	2	CHEM2056	Physical & Surface Chemistry	2
	CHEM2001	Introduction to Chemical Engineering	2	CHEM2004	Fundamentals of Fluid Mechanics	2
	ELEC 2113	Instrumentation & Measurement	2	UNIR2000	Organizational Communications	2
	UNIR 2001	Entrepreneurship	2	UNIR1002	Arabic Language Skills	1
	CHEM3011	Separation Processes -I	2	CHEM3012	Separation Processes -II	2
	CHEM3008	Chemical Process Industries	2	CHEM3010	Process Modeling and Dynamics	2
	CHEM3000	Heat Transfer	2	CHEM3003	Process Engineering Thermodynamics	2
	ENGG3700	Numerical Analysis & Optimization	2	UNIR3000	Research Methodology	2
	ENGG4801A	Thesis Project	2	ENGG4801B	Thesis Project	2
	CHEM4005	Reaction Engineering	2	ENGG4000	Renewable & Sustainable Energy	2
	CHEM4004	Process & Control Systems Design	2	CHEM4015	Waste treatment processes	2
	CHEM4007A	Process Design Practice	2	CHEM4007B	Process Design Practice	2