

FACULTY OF ENGINEERING
Chemical Engineering

Courses offered in the academic year 2016-2017

	Semester 1			Semester 2		
	Course Code	Units	Course Name	Course Code	Units	Course Name
LEVEL 1	ENGG1013	1	Engineering Drawing and Computer drafting	ELEC1100	2	Principles of Electrical Circuits
	UNIR1000	2	Communication Skills	MATH1100	2	Calculus & Linear Algebra
	MATH1000	2	Mathematical Foundations	ENGG1010	2	Applied Mechanics
	CHEM1020	2	General Chemistry	ENGG1023	2	Engineering of Materials
	COMP1500	2	Introduction to Programming	UNIR1001	1	Oman & Islamic Studies
LEVEL 2	MATH2100	2	Calculus & Statistics	CHEM2002	2	Process Systems Analysis
	CHEM2000	2	Chemistry for Engineers	CHEM2056	2	Physical & Surface Chemistry
	CHEM2001	2	Introduction to Chemical Engineering	CHEM2004	2	Fundamentals of Fluid Mechanics
	ELEC 2113	2	Instrumentation & Measurement	UNIR2000	2	Organisational Communications
	UNIR 2001	2	Entrepreneurship	UNIR1002	1	Arabic Language Skills
LEVEL 3	CHEM3011	2	Separation Processes -I	CHEM3012	2	Separation Processes -II
	CHEM3008	2	Chemical Process Industries	CHEM3010	2	Process Modeling and Dynamics
	CHEM3000	2	Heat Transfer	CHEM3003	2	Process Engineering Thermodynamics
	ENGG3700	2	Numerical Analysis & Optimization	UNIR3000	2	Research Methodology
LEVEL 4	ENGG4801A	2	Thesis Project	ENGG4801B	2	Thesis Project
	CHEM4005	2	Reaction Engineering	ENGG4000	2	Renewable & Sustainable Energy
	CHEM4004	2	Process & Control Systems Design	CHEM4012	2	Industrial wastewater and solid waste management
	CHEM4003	2	Electrochemical Engineering	CHEM4006	2	Process Design Practice

Diploma **37 units**

Advanced Diploma **53 units**

Bachelor of Engineering **69 units**