

DIPLOMA PROGRAM
ENVIRONMENTAL TECHNOLOGIES
2023-2024

STUDY PLAN FOR DIPLOMA IN ENVIRONMENTAL TECHNOLOGY

UNIVERSITY OF NIZWA									
Diploma in Environmental Technology									
C – Credit Hours, L – Lecture contact hours, P – Practical contact hours									
Fall Semester					Spring Semester				
CODE	COURSE	C	L	P	CODE	COURSE	C	L	P
Year 1									
CHEM107	Fundamentals of Chemistry	4	3	2	MATH211	Calculus I	4	3	2
MATH116	Pre-Calculus	4	3	2	ARAB101	Arabic Language-II	3	3	0
ENGL150	English Language I	3	3	0	ENGL152	English Language II	3	3	0
ARAB100	Arabic Language I	3	3	0	PHYS101	General Physics-I	4	3	2
ENGN103	Engineering Drawing	2	1	2	ENGN101	Introduction to Engineering	2	2	0
		16	13	6			16	14	4
CODE	COURSE	C	L	P	CODE	COURSE	C	L	P
Year 2									
CIVL211	Statics	3	3	0	CIVL221	Solid Mechanics	3	3	0
CIVL214	Geomatic Engineering	3	2	2	CIVL212	Civil Engineering Materials	3	2	2
MNGT100	Entrepreneurship creativity and innovation	3	2	2	BIOL101	Biology I	4	3	2
COMP101	Computer Skills	3	2	2	CIVL213	Fluid Engineering Mechanics	3	2	2
MATH212	Calculus II	3	2	2	CIVL241	Environmental Engineering	3	3	0
		15	12	6			16	13	6
CODE	COURSE	C	L	P	CODE	COURSE	C	L	P
Year 3									
HIST150	Islamic Civilization	3	3	0	CIVL342	Hydrology and Hydraulics	3	3	0
ENVE411	Energy and Environment	3	3	0	ENVE413	Environmental law and Regulations	3	3	0
CIVL215	Civil Engineering Drawing	2	0	4	CIVL441	Water and wastewater Engineering	3	2	2
CIVL332	Geotechnical Engineering-I	4	3	2	ENVE414	Health, safety and Environment in industries	2	2	0
ENVE412	Fundamentals of Air pollution	3	3	0					
		15	12	6			11	10	2
					Total No. of Credits			89	

Diploma in Environmental Technology

Minimum No. of Credits for the Degree Plan = 89					
University requirements = 21 Credits					
Course Code	Course Name	Credit Hours	Contact Hours		Pre-requisites/Co-requisites
			Theory	Practical	
ARAB100	ARABIC LANGUAGE-I	3	3	0	
ARAB101	ARABIC LANGUAGE-II	3	3	0	ARAB100
COMP101/L	COMPUTER SKILL	3	2	2	Comp-A, Comp-B (Digital Literacy)
ENGL150	ENGLISH LANGUAGE-I	3	3	0	
ENGL152	ENGLISH LANGUAGE-II	3	3	0	ENGL150
MNGT100/L	ENTREPRENEURSHIP CREATIVITY AND INNOVATION	3	2	2	MNGT100/L
HIST150	ISLAMIC CIVILIZATION	3	3	0	
College requirements = 12 Credits					
ENGN101	INTRODUCTION TO ENGINEERING	2	2	0	MATH116
ENGN103	ENGINEERING DRAWINGS	2	1	2	
MATH116	PRE-CALCULUS	4	3	2	
MATH211	CALCULUS-I	4	3	2	MATH116
Department Requirement: Core Course= 56 Credits					
CHEM107/L	FUNDAMENTAL OF CHEMISTRY	4	3	2	None
CIVL211	STATICS	3	3	0	PHYS101
CIVL213/L	FLUIDENGINEERING MECHANICS	3	2	2	MATH211; CIVL211
MATH212	CALCULUS II	3	2	2	MATH211
PHYS101/L	GENERAL PHYSICS-I	4	3	2	MATH116
CIVL214	GEOMATIC ENGINEERING	3	2	2	ENGN101
CIVL221	SOLID MECHANICS	3	3	0	CIVL211
CIVL241	ENVIRONMENTAL ENGINEERING	3	3	0	CHEM107
BIOL101/L	BIOLOGY-I	4	3	2	None
CIVL441	WATER AND WASTEWATER ENGINEERING	3	2	2	CIVL241
CIVL212	CIVIL ENGINEERING MATERIALS	3	2	2	CHEM107,CIVL211
CIVL215	CIVIL ENGINEERING DRAWING	2	0	4	ENGN103
ENVE411	ENERGY AND ENVIRONMENT	3	3	0	CIVL241
ENVE412	FUNDAMENTAL OF AIR POLLUTION ENGINEERING	3	3	0	CIVL241
CIVL332	GEOTECHNICAL ENGINEERING I	4	3	2	CIVL221
CIVL342	HYDROLOGY AND HYDRAULICS	3	3	0	CIVL213
ENVE413	ENVIRONMENTAL LAW & REGULATIONS	3	3	0	ENVE411
ENVE414	HEALTH, SAFETY AND ENVIRONMENT IN INDUSTRIES	2	2	0	CIVL241