

Degree and Study Plan

College	Engineering
Department	Energy and Sustainable Engineering
Program	Environmental Engineering
Degree Level	Diploma
Total Credit Hours	77
Cohort	2018 and above

Summary of Credits	
University Requirements (UR)	12
College Requirements (CR)	30
Program Requirements (PR)	35
Total	77

For more information contact: Dr. Mohamed Abd El-Hameed, HoD

HoD:



Dean:



Date: 30/09/2024

Year One	Semester 1 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	ISLM101	Islamic Civilization	3		UR
	ENGL101	English Communication Skills 1	3		UR
	ENGR111	Computer Applications	3		CR
	MATH101	Calculus I	3		CR
	PHYS101	Physics I	3		CR
	Total Credits		15		
	Semester 2 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CHEM101	Chemistry	3		CR
	ENGL102	English Communication Skills 2	3	ENGL101	UR
	MATH102	Calculus 2	3	MATH101	CR
	PHYS102	Physics 2	3	PHYS101	CR
	ENGR110	Engineering Laboratories	3		PR
Total Credits		15			

Year Two	Semester 3 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CVEN310	Surveying	3	MATH101	PR
	ENEN301	Environmental Chemistry	3	CHEM101	PR
	ENGR201	Engineering Drawing	3		CR
	ENGR202	Technical Writing and Presentation	3	ENGL102	CR
	MATH215	Linear Algebra	3	MATH101	CR
	ENGR220	Statics	3	MATH101	PR
	Total Credits		18		
	Semester 4 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CVEN232	Engineering Geology	2	CHEM101	PR
	ENEN201	Renewable Energy	3	MATH102	PR
	CVEN361	Environmental Engineering	3	CHEM101	PR
	ENEN302	Environmental Microbiology	3	CHEM101	PR
	ENGR321	Dynamics	3	ENGR220	PR
	Total Credits		14		

Year Three	Semester 5 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CVEN332	Civil Engineering Materials	3	ENGR110	PR
	ENEN422	Environmental Measurements	3	ENEN301	PR
	MATH204	Probability and Statistics	3	MATH102	CR
	ENGR301	Managing Engineering Organization	3	ENGR202	PR
	MNGT 313	Entrepreneurship	3	60CH	UR
	Total Credits		15		