

Degree and Study Plan

College	Engineering
Department	Civil and Environmental Engineering
Program	Quantity Surveying and Commercial Management
Degree Level	Bachelor of Engineering
Total Credit Hours	131
Cohort	2020 and above

Summary of Credits	
University Requirements (UR)	12
College Requirements (CR)	22
Program Requirements (PR)	85
Program Electives (PE)	12
Total	131

For more information contact: Dr. Motasem Al-Azaiza

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
	CVEN2002	Civil Engineering Materials	4		PR
	PHYS1001	Physics I	4		CR
	Total Credits		14		
	Semester 2 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CVEN2001	Construction Surveying	4	CVEN2002	CR
	ENGL102	English Communication Skills 2	3	ENGL101	UR
	ENGR201	Engineering Drawing	3		CR
	ENGR1001	Mechanics of Materials	4	PHYS1001	CR
	Total Credits		14		

Year Two	Semester 3 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	MATH2001	Mathematics	4		CR
	SURV201	Design Economics and Cost Planning	4	ENGR201	PR
	CNMN3007	Construction Technology I	4	CVEN2002	PR
	ENGR202	Technical Writing and Presentation	3	ENGL102	CR
	Total Credits		16		
	Semester 4 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CNMN3008	Construction Technology II	4	CNMN3007	PR
	SURV202	Standard Method of Measurement	4	MATH2001	PR
	CNMN3005	Contract Administration	4	CVEN2002	PR
	CNMN3009	Construction Site Planning and Control	4	CVEN2002	PR
	Total Credits		16		

Year Three	Semester 5 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CNMN3002	Construction Safety	4	ENGL101	PR
	CNMN3003	Construction Equipment	4	MATH2001	PR
	SURV301	Quantification and Costing I	3	SURV202	PR
	MNGT 313	Entrepreneurship	3	60CH	UR
	Total Credits		14		
	Semester 6 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CNMN4005	Building Information Modelling	4	CNMN3003	PR
	CNMN4007	Sustainable Construction	4	CVEN2002	PR
	SURV302	Civil Engineering Standard Method of Measurement	3	SURV301	PR
	CNMN3004	Construction Law	4	CNMN3005	PR
	ENGR322	Summer Internship			CR
	Total Credits		15		

Year Four	Semester 7 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CNMN4004	Construction Accounting and Finance	4	MATH2001	PR
	ENGR4001	Engineering Economics	4	MATH2001, CNMN3005	PR
	SURV303	Procurement and Tendering	3	CNMN3005	PR
		Quantity Surveying and Commercial Management Elective	4		PR
	Total Credits		15		
	Semester 8 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CNMN4001	Research Project **	4		PR
	CNMN4002	Mechanical and Electrical Systems	4	CNMN3003	PR
	SURV403	Quantification and Costing II	3	SURV301	PR
		Quantity Surveying and Commercial Management Elective	4		PR
	SURV4007	Risk and Value Management	4	CNMN3009	PR
	Total Credits		19		

Year Five	Semester 9 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CNMN4001	Research Project	4		PR
	SURV404	Construction Commercial Management	3	ENGR4001	PR
	ENGR4002	Engineering Project Management	4	CNMN3003	PR
		Quantity Surveying and Commercial Management Elective	4		PR
	Total Credits		11		

List of Program Elective Courses:

A student must register in 3 courses with total of 12 credits hours following the program study plan:			
Course Code	Course Title	Credits	Pre-Request/ Co-Request*
CVEN4007	Environmental Engineering	4	
ENEN4001	Renewable Energy	4	
SURV4005	Property Valuation	4	
SURV4006	Project Finance	4	
ENEN4002	Solid Waste Management	4	
COEN5087	GIS Application in Civil Engineering	4	
PHIL2001	Professional Ethics	4	
OJTR406	Industrial Internship I	0	90 Credit Hours
OJTR407	Industrial Internship II	0	OJTR406