



Department of Civil Engineering
College of Engineering
Imam Mohammad Ibn Saud Islamic University
Riyadh, Kingdom of Saudi Arabia

Civil Engineering Undergraduate Program [Required Credit Hours = 137]
Total number of Courses = 58

Uni. Requirement (14) 14 Credit Hours	Math & Basic Sciences (33) 33 Credit Hours	General Engineering (17) + General Education (3) 20 Credit Hours	Core (61) + Tech. Elect. (9) 70 Credit Hours
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FIRST YEAR (Freshman)		SECOND YEAR (Sophomore)		THIRD YEAR (Junior)		FOURTH YEAR (Senior)		GE 399 Engineering Training [0] (Pre-requisite: 137 Credit Hours)
FALL (1)	SPRING (2)	FALL (3)	SPRING (4)	FALL (5)	SPRING (6)	FALL (7)	SPRING (8)	
CUL 101 [2] Islamic Culture	IDE 133 [2] Tawheed	QUR 100 [2] Quran Kareem	QUR 150 [2] Quran Kareem	FIQ 150 [2] Fiqh	NAHU 105 [2] Nahu	GE 302 [2] Professional Ethics for Engineers CO: CE493	HST 101 [2] Asseerah Annabawia	
CHEM 104 [3] General Chemistry	MATH 116 [3] Calculus II PRE: MATH115	MATH 207 [3] Calculus III PRE: MATH116	MATH 236 [3] Mathematical Methods for Engineers PRE: MATH207, Math228	MATH 346 [3] Numerical Analysis PRE: MATH 236, CS 108	GE 303 [3] Engineering Economy PRE: MATH236	CE 411 [3] Steel Structures PRE: CE311	CE 420 [2] Civil Engineering Systems PRE: CE461	
CHEM 105 [1] G. Chemistry Lab CO: CHEM 104	PHYS 118 [3] Physics II PRE: PHYS117, PHYS119	MATH 228 [3] Linear Algebra & ODE PRE: MATH116	GE 202 [3] Dynamics PRE: GE201	CE 311 [4] Structural Engineering PRE: MATH236, GE202, CE211	CE 313 [3] Reinforced Concrete Design PRE: MATH346, CE311 CO: CE316	CE 421 [3] Transportation Facility Design PRE: CE321, CE322	CE 462 [2] Construction Contracts & Specs. PRE: CE461	
MATH 115 [3] Calculus I	PHYS 120 [1] Physics II Lab PRE: PHYS117, PHYS119 CO: PHYS118	GE 201 [3] Statics PRE: MATH116, PHYS117	CE 211 [3] Solid Mechanics PRE: MATH228, GE103, GE201, CE210	CE 343 [3] Water Resources Engineering PRE: STAT215, CE241	CE 316 [2] Concrete Properties PRE: CE210, CE213	CE 451 [3] Foundation Eng. PRE:CE313,CE351,CE352	CE 494 [2] Graduation Project II PRE: CE493	
PHYS 117 [3] Physics I	STAT 215 [3] Probability and Statistics for Engineers PRE: MATH115	CE 210 [2] Civil Engineering Materials PRE: STAT215	CE 213 [1] Civil Engineering Materials Lab PRE:ENGL200, CO:CE210	CE 344 [1] Water Resources Engineering Lab CO: CE343	CE 321 [3] Transportation Eng PRE: CE351, CE221	CE 461 [3] Construction Eng. & Management PRE: GE303, CE313, CE321	CE 4** [3] Technical Elective II	
PHYS 119 [1] Physics I Lab CO: PHYS117	CS 108 [3] Computer Programming PRE: MATH115	CE 221 [3] Engineering Surveying PRE: GE103, CS108	CE 232 [2] Fundamentals of Environmental Eng PRE: CHEM104, CHEM105 , CO:CE241	CE 351 [3] Geotechnical Engineering PRE: CE211, CE241, CE251	CE 322 [1] Transportation Engineering Lab CO: CE321	CE 493 [2] Graduation Project I PRE: CE313, CE321, CE331, CE343, CE351, Completion of 100 Credit Hours	CE 4** [3] Technical Elective III	
ENGL 200 [3] Technical Writing in English	GE 100 [0] Introduction to Engineering	CE 251 [2] Geology for Engineers PRE: CHEM104	CE 241 [3] Fluid Mechanics PRE: GE201, MATH228	CE 352 [1] Geotechnical Engineering Lab CO: CE351	CE 331 [3] Environmental Engineering Processes PRE: CE232, CE241	CE 4** [3] Technical Elective I		
GE 103 [3] Engineering Graphics and Design					CE 332 [1] Environmental Engineering Lab CO: CE331			
No. of Courses / Credits each Semester:								
[7 / 16]	[8 / 18]	[8 / 19]	[6 / 16]	[7 / 17]	[8 / 18]	[6 / 19]	[7 / 14]	[1/0]