



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

Civil Engineering Undergraduate Program [Required Credit Hours = 136]

General Education
17 Credit Hours

Mathematics & Basic Science
32 Credit Hours

General Engineering
17 Credit Hours

Core Courses & Technical Electives
70 Credit Hours

FIRST YEAR (Freshman)		SECOND YEAR (Sophomore)		THIRD YEAR (Junior)		SUMMER SEMESTER	FOURTH YEAR (Senior)	
FIRST	SECOND	FIRST	SECOND	FIRST	SECOND		FIRST	SECOND
QUR 100 [2] Quran Kareem	QUR 150 [2] Quran Kareem	ART 102 [2] Arabic Composition	QUR 200 [2] Quran Kareem	QUR 250 [2] Quran Kareem	IDE 133 [2] Tawheed (Monotheism)	GE 399 Engineering Training [0] (Pre-requisite: 90 credits)	HST 102 [2] History of KSA	GE 302 [2] Professional Ethics for Engineers
CHEM 103 [4] General Chemistry	ENG 201 [3] Technical English Writing	MATH 235 [3] Differential Equations PRE: MATH106	MATH 226 [3] Linear Algebra PRE: MATH106	GE 301 [3] Numerical Methods in Engineering PRE: MATH235, CS107	GE 303 [3] Engineering Economy PRE: MATH106		CE 411 [3] Steel Structures PRE: CE311	CE 422 [3] Civil Engineering Systems PRE: CE461
MATH 105 [4] Calculus I	MATH 106 [4] Calculus II PRE: MATH105	STAT 215 [3] Probability and Statistics in Eng. PRE: MATH106	GE 202 [3] Dynamics PRE: GE201	CE 311 [4] Structural Engineering PRE: MATH226, GE202, CE211	CE 310 [2] Concrete Properties PRE: CE213, CE210		CE 421 [3] Transportation Facility Design PRE: CE321, CE322, CE351	CE 462 [2] Construction Contracts & Specs. PRE: CE461
PH 117 [3] Physics I	PH 118 [3] Physics II PRE: PH 117, PH 119	GE 201 [3] Statics PRE: MATH106, PH 118 & PH 120	CE 211 [3] Solid Mechanics PRE: MATH235, GE103, GE201, CE210	CE 321 [3] Transportation Eng PRE: CE210, CE221	CE 313 [3] Reinforced Concrete Design PRE: GE301, CE311 CO: CE310		CE 451 [3] Foundation Eng. PRE: CE313, CE351, CE352	CE 492 [3] Graduation Project II PRE: CE491
PH 119 [1] Physics I Lab CO: PH 117	PH 120 [1] Physics II Lab PRE: PH 117, PH 119 CO: PH 118	CE 210 [2] Civil Engineering Materials CO: STA 215	CE 231 [3] Fundamentals of Environmental Eng PRE: CHEM103, CO: CE241	CE 322 [1] Transportation Engineering Lab CO: CE321	CE 331 [3] Environmental Engineering Processes PRE: CE231, CE241		CE 461 [3] Construction Eng. & Management PRE: GE303, GE 301, CE313	CE 4** [3] Technical Elective II
GE 103 [3] Engineering Graphics and Design	CS 107 [3] Computer Programming PRE: MATH105	CE 213 [1] Civil Engineering Materials Lab PRE: ENG 201, CO: CE210	CE 241 [3] Fluid Mechanics PRE: GE201, MATH235	CE 351 [3] Geotechnical Engineering PRE: CE211, CE241	CE 332 [1] Environmental Engineering Lab CO: CE331		CE 491 [1] Graduation Project I PRE: 100 HR & Core Course of GP	CE 4** [3] Technical Elective III
		CE 221 [3] Engineering Surveying PRE: GE103, CS107		CE 352 [1] Geotechnical Engineering Lab CO: CE351	CE 340 [3] Water Resources Engineering PRE: STA 215, CE241		CE 4** [3] Technical Elective I	
					CE 344 [1] Water Resources Engineering Lab CO: CE340			

No. of Courses / Credits each Semester:

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