

Department of Civil Engineering and Architecture

Curriculum

Subjects		Credits	Credits by Year				
			1st	2nd	3rd	4th	5th
Required Subjects	Surveying Practice	4		2	2		
	Fundamental Technical Design I	2	2				
	Fundamental Technical Design II	2		2			
	Fundamental Technical Design III	2			2		
	Basic Technical Experiment	2			2		
	Force and Deformation	1	1				
	Fundamental Structural Mechanics	4		2	2		
	Environmental Engineering	1				1	
	Engineering Ethics	1					1
	Graduation Research	10					10
	Total Credits Required	29	3	6	8	1	11
Elective Compulsory Subjects	Engineering Design I	2				2	
	Engineering Design I	2				2	
	Engineering Design II	2					2
	Engineering Design II	2					2
	Creative Practice for Structure Design	2				1	1
	Creative Practice for Structure Design	2				1	1
	Experiments I	1				1	
	Experiments I	1				1	
	Experiments II	1					1
	Experiments II	1					1
	Applied CAD	1				1	
	Applied CAD	1				1	
	Credits Offered	18				10	8
	Total Credits Required	9				5	4
Subjects Required to Take	Structural Mechanics	2				2	
	Architectural Structure	1			1		
	Reinforced Concrete	4				4	
	Steel Structure I	1				1	
	Basic Soil Mechanics	2			2		
	Fundamental Hydraulics	2			2		
	Construction Materials	1	1				
	Advanced Construction Materials	1					1
	History of Western Architecture	1			1		
	Outline of Architectural Design	1	1				
	Architectural Planning I	2			2		
	City Planning	2				2	
	Construction Management	1					1
	Computer Applications	5	2	1	2		
	Fundamental CAD	1				1	
	Probability and Statistics	1				1	
	Surveying I	2	2				
Surveying II	2		2				
Total Credits Required	32	6	3	10	11	2	
	Pre-stressed Concrete	1					1
	Steel Structure II	1					1
	Maintainance Engineering	1					1
	Vibration and Seismic Resistance	1					1
	Highway Engineering I	1				1	
	Highway Engineering II	1					1
	Geotechnical Engineering	2				2	
	Foundation Engineering	1					1
	Hydraulics	2				2	
	River and Coastal Engineering I	1				1	
	River and Coastal Engineering II	1					1

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Elective Subjects	Water Environmental Engineering	1					1
	Explosives	1					1
	Building Materials	1					1
	Structural Design	2					2
	Architectural Planning II	2				2	
	History of Japanese Architecture	1				1	
	History of Modern Architecture	1				1	
	Building Environmental Engineering	1				1	
	Seminar in Architectural Environmental Engineering	1					1
	Building Equipment	2					2
	Administrative Law of Civil Engineering	1					1
	Administrative Law of Civil Architecture	1					1
	Execution of Construction Work	1					1
	Architectural Execution Method	1				1	
	Applied Programming for Civil Engineering	1					1
	Special Lecture on Surveying	1					1
	Guest Lecture	1					1
	Engineering Seminar in Civil Engineering and Architecture	1				1	
	Internship I	1				1	
	Internship II	2				2	
	Special Practice on Surveying	2			2		
	Special Lecture on Surveying	2			2		
	Credits Offered	37				16	21
	Credits Offered for Foreign Students	41			4	16	21
	Total Credits Required	16				7	9
	Total of Required Subject Credits		86	9	9	18	24
Total of Required Credits		168	34	34	34	36	30