

Environmental and Civil Engineering Course

Curriculum

Subjects			Credits	Credits you can acquire	
				1st	2nd
General Subjects	Required	Japanese Technical Writing	2	2	
		Technical English Writing	2		2
		Ethics for Engineers	2		2
		Cross-Cultural Study	2		2
		Extensive English Exercises	2	2	
		Current Industrial Issues	2	2	
		Business Administration	2	2	
		Introduction to Safety Engineering	2		2
	Subtotal	16	8	8	
	Elective	Industrial Engineering	2		2
English Conversation		2		2	
Subtotal		4		4	
Subtotal			20	8	12
Department Fundamental Subjects	Required	General Chemistry	2	2	
		Physical Science	2	2	
		Life Science	2		2
		Technical English of Environmental and Civil Engineering	2	2	
		Subtotal	8	6	2
	Elective	Applied Statistics	2	2	
		Engineering Analysis	2	2	
		Discrete Mathematics	2		2
		Engineering Mathematics	2		2
		Subtotal	8	4	4
Subtotal			16	10	6
Department Subjects	Required	Internship	6	6	
		Experiment of Environmental and Civil Engineering	2	2	
		Programming for Construction Engineers	2	2	
		Practice of Environmental and Civil Engineering	2		2
		Applied Research	2	2	
		Thesis Work	6		6
		Subtotal	20	12	8
	Elective	Dynamic Analysis of Foundation	2		2
		Advanced Concrete Technology	2	2	
		Structural Design	2	2	
		Infrastructure Maintenance Engineering	2	2	
		Computational Mechanics	2		2
		Soil Mechanics	2		2
		Building Production Theory	2	2	
		Dynamic Analysis of Foundation	2		2
		Hydraulics	2	2	
		Applied Hydraulics	2		2
		Environmental System Engineering	2		2
		Planning of Housing	2	2	
		Urban and Environmental Planning	2		2
		Architectural Design and Planning	2		2
		Subtotal	28	12	16
		Subtotal			48
Total of Required Credits			84	42	42