

Curriculum Map (Specialized Courses, Civil Engineering Program) (for students enrolled in 2019)

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	Civil core subject	Laboratory & practice	Common subject
2023 Spring 8th Semester	Maintenance Engineering (2)		Graduation Research (12)
2022 Fall 7th Semester	Bridge Engineering I · II (1+1)	Laboratory Work C (2)	
2022 Spring 6th Semester	Structural Mechanics IIA · IIB (1+1)	Laboratory Work B (2)	Tehcnical Communication I · II (1+1) Introduction to Engineering Analysis and Measurement I · II (1+1)
2021 Fall 5th Semester	Structural Mechanics IA · IB (1+1)	Laboratory Work A (2)	Engineering Mathematics I · II (1+1)
	Soil Mechanics IIA · IIB (1+1)	Civil and Environmental Engineering Practice (2)	Japanese Industries I · II (2)
	Mathematics for Planning I · II (1+1)		Fourier Analysis I · II (1+1)
			Engineering Ethics I · II (1+1)
2021 Spring 4th Semester	Construction Materials I · II (1+1)	Surveying and Mapping (3)	Solid Mechanics I · II (1+1)
	Soil Mechanics IA · IB (1+1)		Introduction to Metallic Materials I · II (1+1)
	Environmental Economics I · II (1+1)		Complex Function Theory I · II (1+1)
	Environmental System Engineering I · II (1+1)		Introduction to Information Processing I · II (1+1)
	Hydraulics IA · IB (1+1)		Inorganic Chensitry I · II (1+1)
2020 Fall 3rd Semester	Social infrastructure/ Structural system (Min. 8 credits)		Fluid Mechanics IA · IB (1+1)
			Ordinary Differential Equation I · II (1+1)
			Fundamentals of Electronics & Information Engineering I · II (1+1)
2020 Spring 2nd Semester			Fundamentals of Electrical Engineering I · II (1+1)
2019 Fall 1st Semester			Advanced Engineering I · II (1+1)

Required credits

Civil core subject (compulsory) 28 credits

Labo & practice (compulsory) 8 credits

Common (compulsory) 32 credits (including Graduation Research 12 credits)

Civil core subject (elective) 2 or more credits from 6 credits

Labo & practice (elective)

Common (elective) 2 or more credits from 12 credits

Total

Compulsory; 68 credits

Elective; 4 or more credits

72 or more credits