



Master's Degree in Civil Engineering/ Water and Environmental Engineering Thesis Track

Thesis Track: The number of credit hours for graduation is 33 hours, distributed as follows:

A: - Specialization Requirements Compulsory Credit Hours (18) + Thesis Credit Hours (9)	Course Code	Course Title	Credit Hours	Prerequisite
	0403709	Statistics and Probability in Water and Environmental Engineering	3	-
	0403710	Advanced Hydraulics	3	-
	0403711	Surface Water Hydrology	3	-
	0403714	Computational Method in Water and Environmental Eng.	3	-
	0403730	Water and wastewater treatment plants	3	-
	0406724	Research Methods	3	-
		Thesis	9	-

B: - Elective Major Requirements Credit Hours (6)	Course Code	Course Title	Credit Hours	Prerequisite
	0403703	Groundwater Hydraulics and Contamination	3	-
	0403712	Design of Dams and Reservoirs	3	-
	0403713	Engineering Hydro system planning and Management	3	-
	0403716	Design and Operation of Hydraulic Structure	3	-
	0403717	Modeling for Water Resources and Environmental Engineering	3	-
	0403718	Stochastic Processes in Water Resource and Environmental Eng.	3	-
	0403724	Air Pollution	3	-
	0403727	Environmental Engineering Measurements	3	-
	0403729	Soild Waste Management	3	-
	0403733	Application of Geographical Information System	3	-

- Thesis Preparation (Thesis Code): Equivalent to (9) credit hours, provided the student successfully passes the defence examination.
- The Dean, based on the recommendation of the Department Committee and the College Committee, may assign the student remedial courses not exceeding (9) credit hours. This must be documented in the admission letter, and the student is required to complete them during the first year.