

Course List for MS degree in Environmental Engineering

Core Courses (12 units minimum)

EGCE 481	Solid Waste Technology and Management (3)
EGCE 482	Liquid Waste Technology and Management (3)
EGCE 515	Geo-Environmental Engineering (3)
EGCE 537	Groundwater and Seepage (3)
EGCE 546	Coastal Engineering (3)
EGCE 583	Air Pollution Control Engineering (3)

Technical Electives (12 units minimum)

EGCE 436	Engineering Hydrology (3)
EGCE 463	Precast and Prestressed Concrete Design (3)
EGCE 466	Public Transit System Planning and Operations (3)
EGCE 501	Analytical Methods for the Design of Civil Engineering Systems (3)
EGCE 533	Matrix Methods of Structural Analysis (3)
EGCE 559	Environment and Public Transportation
EGCE 563	Advanced Prestressed and Reinforced Concrete Design (3)
EGCE 597	Project (1-6)
EGCE 598	M.S. Thesis (6)
EGCE 599	Independent Research (1-6)
ES 510*	Environmental Evaluation & Protection (3)
ES 595*	Selected Topics in Environmental Eng (3-6)
GEO SC 437*	Water Quality Investigations and Control (3)

* Need approval from the CEE department Chair.

No more than one course shall be taken from Environmental Science or Geology Department.