Revised Scheme of Studies (semester wise) for M.Sc. Environmental Engineering (Session 2025 & onwards)

CORE COURSES

Sr. No.	Code	Title	CH
1.	Env-E-501	Environmental Management and Impact Assessment	(3+0)
2.	Env-E-502	Physicochemical Processes in Environmental Systems	(3+0)
3.	Env-E-503	Wastewater Treatment and Design	(3+0)
4.	Env-E-504	Experimental Methods in Environmental Engineering	(2+1)
5.	Env-E-505	Industrial and Hazardous Waste Management	(3+0)
6.	Env-E-509	Air and Noise Pollution Control	(3+0)
7.	Env-E-516	Municipal Solid Waste Principles and Management	(3+0)
8.	Env-E-517	Research Methods in Environmental Engineering	(3+0)
9.	Env-E-521	Water Supply and Wastewater Collection Systems	(3+0)
10.	Env-E-523	Water Quality Modeling	(3+0)
11.	**IS-615L**	**Fehm-e-Quran/Social Ethics-I (Mandatory)**	**(0+1)**
12.	**IS-616L**	**Fehm-e-Quran/Social Ethics-II (Mandatory)**	**(0+1)**
13.	Env-E-549	Thesis	(0+6)

ELECTIVE COURSES

	Code	Title	CH
1.	Env-E-513	Marine Pollution and Control	(3+0)
2.	Env-E-515	Agricultural Pollution and Control	(3+0)
3.	Env-E-518	Environmental and Occupational Health and Safety	(3+0)
4.	Env-E-519	Ecological Risk Assessment and Management	(3+0)
5.	Env-E-520	Remote Sensing and GIS Applications in Environmental Systems	(3+0)
6.	Env-E-522	Environmental Chemistry and Microbiology	(3+0)
7.	Env-E-524	Modeling of Environmental Systems	(3+0)
8.	EnS-552	Climate Change Adaptation and Mitigation	(3+0)
9.	EnS-553	Strategic Environmental Assessment	(3+0)
10.	EnS-558	Environmental Risk Assessment and Management	(3+0)
11.	EnS-562	Remediation Strategies for Contaminated Environment	(3+0)
12.	EnS-564	Environmental Applications of Nanomaterials	(3+0)

Note: The total credit hours for degree requirements are 32 CHs. This is divided into 26CHs for coursework and 6 CHs for thesis. The course work include 6 core courses, 2 mandatory courses and 2 elective courses.