Summary of Course Requirements			* (Note: Core Courses and Electives listed are for the Engineering The Future Funding Program - Students must also satisfy their University's degree requirements regarding core courses and electives, which may differ from those listed here.)
	Descriptions for Core Courses (Required)		Elective Courses (must take 3)
University of Connecticut	**ENVE 5311 BIOLOGICAL TREATMENT (Environmental Biochemical Processes)** Major biochemical reactions; stoichiometric and kinetic description; suspended and attached growth modeling; engineered biotreatment systems for contaminant removal from aqueous, gaseous, and solid streams; process design.	**ENVE 5251 PHYSIOCHEMICAL TREATMENT (Environmental Physiochemical Processes).** Reactor dynamics, applications of inter facial phenomena and surface chemistry, processes for separation and destruction of dissolved and particulate contaminants. Scholarly reviews.	**ENVE 5240 Environmental Microbiology** **ENVE 5252 Contaminant Sources Remediation** **ENVE 5830 Groundwater Flow Modeling** **ENVE 5250 Groundwater Assessment and Remediation** **ENVE 5270 Advanced Environmental Engineering Laboratory** **ENVE 5210 Environmental Engineering Chemistry** **ENVE 5320 Environmental Quantitative Methods** **ENVE 5230 Advanced Soil Chemistry** **ENVE 5310 Environmental Transport Phenomena** **ENVE 5810 Hydrometeorology**