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)
Univ. of Texas at Austin	**CE 385L.1 Water and Wastewater Treatment:** Physical and Chemical Treatment Principles of treatment of drinking water, industrial process water, and wastewater. Chemical reaction engineering and the science and engineering of processes for removing soluble and particulate pollutants	**CE 385L.2 Water and Wastewater Treatment:** Biological Wastewater Treatment and Sludge Processing Principles of treatment of domestic and industrial water, wastewater, and sludges with biological treatment methods	**CE 385N Industrial Wastewater Treatment** **CE 386M Design of Water and Wastewater Systems** **CE 390J Engineering Microbiology** **CE 390L Environmental Analysis** **CE390N Water Pollution Chemistry** **CE385K.1 Water Qual: Stream, Impound.& Estuary Anal.** **CE394K.1 EngrHydrology: Groundwater Pol./Transport** **CE 385W Drinking Water: Treatment & Pub.Health Issues** **CE 397 Water Supply/Waste Disp in Developing Countries** **CE388N Engr and Mgmt. of Municipal & Indust. Residuals** **CE 385J Hazardous Waste Management** **CE 385D Water Resources Planning and Management** **CE 394K.2 Engineering Hydrology Surface Water** **CE 394K.1 Geographic Info Syst in Water Resources** **CE385M Unit Operations in Water and Wastewater Trtmt.**