

* (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.)

Summary of Course Requirements

Descriptions for Core Courses (Required)			Elective Courses (must take 3)
<p>Georgia Institute of Technology</p>	<p>CEE 6330 - Physicochemical Processes - Theory and application of the physical and chemical processes of coagulation flocculation, sedimentation, softening, filtration, and disinfection in water and wastewater treatment</p>	<p>CEE 6331 - Biological Processes - Microbial growth kinetics and bioenergetics, theory, modeling, and application of biological processes employed in water, wastewater, and hazardous waste treatment systems as well as subsurface bioremediation.</p>	<p>CEE 6271 Flow-Porous Media I CEE 6272 Flow-Porous Media II CEE 6310 Process Principles- Env E. CEE 6311 Microbial Principles CEE 6312 Chemical Principles - Env E CEE 6313 Fate of Contam. in Subsurface Env. CEE 6319 Environmental Laboratory CEE 6332 Separation Processes CEE 6333 Hazardous Waste Remediation CEE 6340 Solid-Liquid Separations CEE 6343 Membrane Processes CEE 6350 Adv. Environmental Chem. CEE 6351 Biotransformations CEE 6355 Industrial Ecology CEE 6360 Design of Water Treatment Facilities CEE 6361 Design, Model & Simulation of Bio Treat. Syst. CEE 6390 Air Pollutant Formation & Control CEE 6756 Signaling Molecules CEE 6761 Contaminated Sediment Geochemistry CEE 6790 Air Pollution: Physics & Chemistry</p>