

<b>Summary of Course Requirements</b>			* (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.)
<b>Descriptions for Core Courses (Required)</b>			<b>Elective Courses (must take 3)</b>
<b>Univ. of Illinois</b>	<p><b>CEE 537 Water Quality Control Processes I</b> Theory and basic design of processes used in water and wastewater treatment, including adsorption, ion exchange, chemical oxidation and reduction, disinfection, sedimentation, filtration, coagulation, flocculation, and chemical precipitation</p>	<p><b>CEE 538 Water Quality Control Processes II</b> Theory and its application for design and operation of processes used in water and wastewater treatment; emphasis is on biological treatment processes and related processes for gas transfer, sludge dewatering, sludge disposal, and solids separation</p>	<p>CEE 442 Env. Eng. Principles, Physical            CEE 443 Env Eng Principles, Chemical            CEE 444 Env. Eng. Principles Biological            CEE 440 Solid and Hazardous Waste            CEE 457 Groundwater            CEE 534 Surface Water Quality Modeling            CEE 431 Biomonitoring            CEE 598EC Special Topics- Env. Organic Chemistry            MCB 450 Introductory Biochemistry            CEE 453 Urban Hydrology and Hydraulics            CHBE 451 Transport Phenomena            CHBE 424 Chemical Reaction Engineering            CEE 498SM Env. Risk Assessment &amp; Management            CEE 446 Air Quality Engineering</p>