

<h1 style="text-align: center;">Summary of Course Requirements</h1>			<p style="text-align: center;">* (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.)</p>
<h2 style="text-align: center;">Descriptions for Core Courses (Required)</h2>			<h2 style="text-align: center;">Elective Courses (must take 3)</h2>
<p>Univ. of Massachusetts Amherst</p>	<p>CEE 671 Biological Phenomena in Environmental Engineering Lecture and Lab. The major biological phenomena and processes used in environmental control. Fundamentals of microbiology and biochemistry as applied to wastewater treatment, drinking water treatment, and hazardous waste remediation</p>	<p>CEE 672 Physical and Chemical Treatment Processes Lecture and Lab. Fundamentals of physical and chemical processes used in environmental engineering. Applications include processes used in the treatment of drinking waters, industrial waters and wastewaters, municipal wastewaters, and hazardous waste remediation.</p>	<p>CEE 770 Environmental Engineering Design CEE 680 Water Chemistry CEE 577 Surface Water Quality Modeling CEE 579 Air Quality CEE 660 Subsurface Hydraulics CEE 661 Subsurface Pollution CEE 662 Water Resource Systems Analysis CEE 772 Instrumental Methods in Env. Analysis CEE 774 Processes at the particle-water interface CEE 776 Bioremediation of contam soils & ground water CEE 790M Pathogen and Indicator Organisms CEE 560 Hydrology CEE 561 Open Channel Flow CEE 572 Environmental Engineering Analysis CEE 573 Environmental Engineering Microbiology</p>