

<h1>Summary of Course Requirements</h1>		<p>* (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>Descriptions for Core Courses (Required)</h2>		<h2>Elective Courses (must take 3)</h2>
<p><b>Cal Poly SLO</b></p>	<p><b>ENVE 535 - Advanced Wastewater Treatment</b>            Operations and processes used in tertiary treatment. Chemical coagulation, flocculation, sedimentation, filtration, absorption. Methods for removal of phosphorous, nitrogen, solids and organics. Integration of advanced wastewater treatment processes.</p>	<p><b>ENVE 536 - Biological Wastewater Treatment Processes</b> Engineering Fundamentals of reactor engineering. Biochemical and microbiological background. Modeling and design of biochemical reactors.</p>
		<p><b>ENVE 434 Water Quality Measurements and Chemistry</b>  <b>ENVE 436 Introduction to Hazardous Waste</b>  <b>ENVE 450 Industrial Pollution Prevention</b>  <b>ENVE 534 Advanced Design of Pollution Control Systems</b>  <b>ENVE 537 Decentralized Wastewater Management</b>  <b>ENVE 542 Sustainable Environmental Engineering</b>  <b>ENGR 581 Biochemical Engineering I</b>  <b>CE 533 Advanced Water Resources Engineering</b>  <b>CE 535 Groundwater Contamination</b></p>