

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)

<p>Washington State University</p>	<p>BIOLOGICAL TREATMENT (REQUIRED) CE542 Environmental Engineering Unit Processes 3 Prereq CE 541. Biochemical energetics and kinetics; biological waste treatment processes; nutrient removal; advanced wastewater treatment design.</p>	<p>PHYSICOCHEMICAL TREATMENT (REQUIRED) CE541 Environmental Engineering Unit Operations 3 Prereq CE 442; Math 315. Theory and design of physical and chemical unit operations of water and wastewater treatment systems.</p>	<p>CE518 Hazardous Waste Engineering 3 or 4 Prereq graduate standing. CE584 Environmental Microbiology V 2 (1-3) or 3 (1-6) Prereq CE 583 CE583 Engineering Aspects of Environmental Chemistry V 2-4 Prereq CE 442 CE515 Environmental Measurements 3 (1-6) Graduate-level counterpart of CE 415 CE519 Hazardous Waste Treatment 3 Prereq CE 518 CE548 Advanced Topics in Water Quality Engineering Systems V 2-4 CE508 Air Pollution Control Engineering 3 CE576 Dynamics of Groundwater Contamination 3 CE577 Advanced Groundwater Hydraulics 3 CE579 Groundwater Geochemistry V 2-4 CE585 Aquatic System Restoration 3 (2-3)</p>
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