

CEE Graduate Certificates in Environmental Engineering

Treatment Process Engineering

Students must complete four of the following courses:

- CEE 5104: Environmental Chemistry
- CEE 5794: Environmental Engineering Principles
- CEE 5125: Environmental Engineering Design I
- CEE 5126: Environmental Engineering Design II
- CEE 5174: Industrial Waste Treatment
- CEE 5194: Environmental Engineering Microbiology
- An Approved Technical Elective Course

Water Quality Management

All students must complete CEE 5134: Engineering Aspects of Water Quality.

The remaining three courses must be selected from those listed below:

- CEE 5104: Environmental Chemistry
- CEE 5124: Fundamentals of Environmental Toxicology
- CEE 5194: Environmental Engineering Microbiology
- CEE 5714: Surface Water Quality Modeling
- CEE 5734: Urban Hydrology and Stormwater Management
- CEE 5794: Environmental Engineering Principles
- BSE 5404: Agricultural Non-point Source Pollution
- An Approved Technical Elective Course

Urban Hydrology and Stormwater Management

All students must complete CEE 5734: Urban Hydrology and Stormwater Management.

The remaining three courses must be selected from those listed below:

- CEE 5204: GIS Applications in Civil Engineering
- CEE 5304: Environmental Fluid Mechanics
- CEE 5324: Advanced Hydrology
- CEE 5714: Surface Water Quality Modeling
- CEE 5794: Environmental Engineering Principles
- CSES 5864: Advanced Wetland Soils and Mitigation
- An Approved Technical Elective Course

Departmental Contacts

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