

# CERTIFICATE IN ENVIRONMENTAL ENGINEERING

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The Certificate in Environmental Engineering is a preparatory coursework-only non-degree program oriented toward students who wish to gain introductory knowledge in environmental engineering.

The program is intended for preparation for advanced engineering practice rooted in the principles of physics, mathematics, biology, chemistry, and mathematics to develop solutions to environmental problems, including air and water pollution control, waste and wastewater management, and more. The program is designed to be taken standalone for gaining introductory knowledge or in preparation for gaining advanced knowledge in the Master of Engineering in Environmental Engineering program.

## Curriculum

Code	Title	Credit Hours
Select a minimum of three courses from the following:		9
ENVE 401	Introduction to Water Resources Engineering	3
ENVE 402	Introduction to Environmental Engineering and Sustainable Design	3
ENVE 404	Water and Wastewater Engineering	3
ENVE 463	Introduction to Air Pollution Control	3
ENVE 501	Environmental Chemistry	3
ENVE 503	Occupational and Environmental Health and Safety	3
ENVE 506	Chemodynamics	3
ENVE 528	Modeling of Environmental Systems	3
ENVE 542	Physicochemical Processes in Environmental Engineering	3
ENVE 576	Indoor Air Pollution	3
ENVE 580	Hazardous Waste Engineering	3
<b>Total Credit Hours</b>		<b>9</b>