

MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING

The Master of Science in Environmental Engineering program builds a strong foundation in multiple areas of environmental engineering through coursework and research specialization. Areas of specialization may include but are not limited to: water and wastewater engineering, soil remediation, water resources engineering, air pollution engineering (indoor and outdoor), building energy systems, energy/environment/economics (E3), environmental chemistry, environmental resource management, and industrial ecology.

Students are expected to conduct research at a rigorous level above and beyond the coursework-only Master of Engineering in Environmental Engineering degree program. Students must complete an oral defense of their written thesis to satisfy program requirements.

Curriculum

Code	Title	Credit Hours
Core Courses		(12)
CAE 523	Statistical Analysis Engg Data	3
ENVE 501	Environmental Chemistry	3
ENVE 506	Chemodynamics	3
ENVE 542	Physcheml Prcs in Envir Eng	3
Major Electives		(6)
Select a minimum of 6 credit hours of major electives in CAE or ENVE ¹		6
General Electives		(6-8)
Select 6 to 8 credit hours of general electives ^{1,2}		6-8
Thesis Research		(6-8)
ENVE 591	Research and Thesis M.S.	6-8
Total Credit Hours: 32		

¹ Up to 9 credit hours of 400-level courses can be applied to the degree program

² General electives can be taken in CAE, CHE, CHEM, EG, EMS, ENVE, MMAE or other disciplines with advisor approval