

Degree Requirements

Master of Science in Environmental & Resource Management

(with a concentration in Water Management)

The MS in Environmental & Resource Management with a concentration in Water Management requires a minimum of 30 credit hours. These credit hours must reflect one of the following options:

- 30 credit hours and a portfolio, or
- 30 credit hours and a written comprehensive exam, or
- 30 credit hours including the required Applied Project course (ERM 593), or
- 30 credit hours including the required Thesis course (ERM 599) and a thesis

Coursework

Required Core Courses (6 credit hours)**

- ERM 502 Regulatory Framework for Toxic and Hazardous Substances (3)
or ERM 527 Environmental/Resources Regulations Concepts (3)
- ERM 503 Principles of Toxicology (3)

Required Concentration Courses (9 credit hours)**

- ERM 523 Soils and Groundwater Contamination (3)
- ERM 533 Water and Wastewater Treatment Technologies (3)
- ERM 535 Water Law and Policy (3)

Elective Courses (9-15 credit hours, depending on the culminating experience option)

Any ERM 500 level course or a combination of ERM and CEE coursework. Students should speak with the ERM faculty to determine if CEE coursework would be recommended based on academic background. A maximum of 6 credit hours from other areas, such as SOS, ABS, GIS, may be approved on a plan of study to apply towards the 30 credit requirement. Examples of other electives include: ABS 430 Watershed Management (3), CEE 545 Hydrology (3), SOS 533 Sustainable Water (3)

Culminating Experience (0 - 6 credits)

- Select one (1) culminating experience:
- Portfolio (0 credits)
 - Written Comprehensive Exam (0 credits)
 - ERM 593 Applied Project (3 credits)
 - ERM 599 Thesis (6 credits)

Culminating Experience	Required Credits	Concentration Credits	Elective Credits	Culminating Experience Credits	Total Credits
Comprehensive Exam	6	9	15	0	30
Portfolio	6	9	15	0	30
Applied Project	6	9	12	3	30
Thesis	6	9	9	6	30