Master of Science in Environmental & Resource Management

**Degree Requirements**

The MS in Environmental & Resource Management requires a minimum of 30 credit hours. These credit hours must include the following:

- 30 credit hours and a thesis, or
- 30 credit hours and a comprehensive exam, or
- 30 credit hours including the required applied project course (ERM593).

**Coursework**

**Core Courses (9 credit hours)**

- ERM 502 Regulatory Framework for Toxic and Hazardous Substances (3)
- ERM 503 Principles of Toxicology (3)
- ERM 506 Chemistry of Hazardous Materials (3)

**Focus Area Courses (9 credit hours)**

**Environmental Management (select three courses)**

- ERM 501 Hazardous Waste Management (3)
- ERM 507 Industrial Hygiene (3)
- ERM 522 Air Pollution (3)
- ERM 523 Soils and Groundwater Contamination (3)
- ERM 598 Environmental Chemistry (3)
- ERM 598 Water and Wastewater Treatment Technologies (3)

**International Environmental Management**

- ERM 520 Sustainability and Sustainable Development (3)
- ERM 528 International Environmental Management (3)
- ERM 540 International Environmental Law and Policy (3)

**Elective Courses (6-12 credit hours, depending on culminating experience option)**

- If taking the comprehensive exam option, students will complete 12 hours of electives or research in consultation with a faculty advisor.
- If taking the applied project option, the student will complete a 3 credit hour applied project course (ERM593) and 9 hours of electives or research in consultation with a faculty advisor.
- If taking the thesis option, the student will complete 6 credit hours of thesis (ERM599) and 6 hours of electives or research in consultation with a faculty advisor.

**Culminating Experience (0 - 6 credits)**

Select one (1) culminating experience

- Written Comprehensive Exam (0 credits), OR
- ERM 593 Applied Project (3 credits), OR
- ERM 599 Thesis (6 credits)

*Requires ERM faculty advisor approval and department approval for requested course

**Courses are subject to change and are not typically offered every semester. See program website, graduate advising or department with questions.

*Updated October 2014*