Environmental Science & Management

A multi-disciplinary major, which incorporates coursework in water resources, wetland ecology, wildlife biology, soil science, forestry, and land use/environmental quality relationships with other disciplines. Apply to the Accelerated Bachelor’s to Master’s program, Masters of Environmental Science and Management (MESM) to earn an advanced degree faster. There are also three minors within the department Environmental Science and Management major: GIS/Remote Sensing; Soil-Environmental Science; and Wildlife and Conservation Biology.

Areas of Opportunity
- Natural resource management
- Transportation planning
- Recreation management
- Renewable energy
- Remediation
- Public and environmental health
- Environmental engineering
- Land management
- Emergency Management

Common Employers
- Agricultural consulting firms
- Private waste management firms
- Nonprofit organizations
- Privately owned farms and ranches
- Universities and colleges
- Private laboratories
- Construction and real estate companies
- Department of Agriculture
- Environmental Protection Agency
- Museums, Aquariums, and Zoos
- Energy and Utility companies

Professional Organizations
- ACE - Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences
- ESA - Ecology Society of America
- IAEM - International Association of Emergency Managers
- NAAEE - North American Association for Environmental Education
- NEHA - National Environmental Health Association
- NEMA - National Emergency Management Association
- RIEEA - RI Environmental Educators Association
- SCA - Student Conservation Association

Strategies on Entering the Field
Develop awareness and understanding of the farm machinery and equipment market, both nationally and internationally.
Develop strong communication, teamwork, and leadership skills.
Become knowledgeable of state and federal regulations for land, and water.
Gain experience through internships.
Become a strong communicator and learn to relate well with people from all backgrounds.
Keep up to date with current issues of concern for emergency management professionals.