Environmental and Resource Management, Minor

ESERMMIN

Description

The minor in environmental and resource management provides students with a thorough introduction to environmental regulations and key environmental management issues such as the provision of clean, potable water, wastewater treatment, solid and hazardous waste management, as well as remediation technologies for polluted soils, groundwater and air. Students learn to apply basic science and engineering principles to solving problems that significantly impact human health and ecosystems.

The environmental and resource management minor provides a valuable option to other majors that focus on environmental issues whether from a technical or policy perspective. The courses form a coherent whole and demonstrate the connection between science, engineering, public policy and the law.

At a Glance

- College/School: Ira A. Fulton Schools of Engineering
- Location: Polytechnic campus

Program Requirements

The minor requires completion of four core courses (12 credit hours) and one elective course (three credit hours) for a total of 15 credit hours. At least 12 credit hours must be completed in residency at ASU. The following are required courses that must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher:

Core Courses (12 Credit Hours):

ERM 201: Environmental Management(3)
ERM 203: Environmental Regulations(3)
ERM 302: Water and Wastewater Treatment Technology(3)
ERM 402: Unit Treatment Technologies(3)
Elective Course (3 Credit Hours):

ERM 401: Hazardous Waste Management (3)
ERM 406: Environmental Chemistry (3)
ERM 407: Occupational Hygiene (3)
ERM 428: International Environmental Management (G) (3)
ERM 432: Sustainable Solid Waste Management (3)
ERM 494: Environmental Management Leadership (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements

GPA Requirement: Students will need to have a minimum GPA of 2.00 (scale is 4.00 = "A") and have at least sophomore status.

Majors Ineligible to Add This Minor: Students currently enrolled in the environmental and resource management BS degree program are not eligible to pursue the environmental and resource management minor.

Other Enrollment Requirements: None

Interested students should consult with a Polytechnic School advisor to verify eligibility and to review all courses required for the minor. To schedule an advising appointment, go to https://fultonapps.asu.edu/advising.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Students should contact the department for more information.

Contact Information

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