

# Environmental Science Courses

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## **ENVS 502 - Phase I Site Assessment**

Hours: 3

Phase I Environmental Site Assessment - Three semester hours Phase I Environmental Site Assessments (often known as "due diligence") are the bread and butter of most environmental consulting firms. In this course, you will learn why these are important and the proper protocols involved. In this course, you will be required to conduct three phase I's on abandoned industrial or commercial properties.

## **ENVS 503 - Env. Law, Reg., Ethic**

Hours: 3

Environmental Law, Regulation, and Ethics. Three semester hours Internet-Course This Course is designed familiarize students with an overview of environmental law and regulation, to provide them with the skills required to navigate through the regulations, and to provide them with the tools to stay current with regulatory changes as they occur. In addition, this course will acquaint students with numerous environmental ethical issues that influence the development of environmental policy and regulations. Pre-requisites: None

## **ENVS 505 - Hydrology**

Hours: 3

Hydrology - Three semester hours Internet-Course This Course is designed to familiarize students with all aspects of the hydrologic cycle, but the bulk of the course is devoted to hydrogeology, the study of groundwater. Characteristics of groundwater flow and practical methods of aquifer characterization will be discussed particularly as it relates to the evaluation of groundwater supplies and groundwater contamination and remediation. Pre-requisites: None

## **ENVS 506 - Renewable Energy**

Hours: 1

Renewable Energy Resources - One semester hour A brief survey of the state of non-renewable energy resources, and a then detailed survey of types, advantages and disadvantages, recent advances, and the commercial availability of products related to our renewable energy resources.

## **ENVS 508 - Environmental Remediation**

Hours: 3

Environmental Remediation - Three semester hours A detailed survey of the various methods used in the remediation of contaminated soil and groundwater. Includes numerous case studies

## **ENVS 589 - Independent Study**

Hours: 1-4

Individualized instruction/research at an advanced level in a specialized content area under the direction of a faculty member. Prerequisites Consent of department head. Note May be repeated when the topic varies.

## **ENVS 597 - Special Topic**

Hours: 1-3

Special Topic in Environmental Science 1 to 3 semester hours. Organized class maybe repeated when topics vary.