

# Environmental Science (CST) (ENVS)

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## Courses

### **ENVS 3000. Special Topics in Environmental Science. 3 to 4 Credit Hours.**

This course is not offered every year.

Variable offerings on special topics that are not part of the standard roster of courses. Check with the Earth & Environmental Science office and/or web site ([www.temple.edu/cst/env-sci](http://www.temple.edu/cst/env-sci)) for details on Special Topics courses.

**Repeatability:** This course may be repeated for additional credit.

#### **Pre-requisites:**

(EES 2001|Minimum Grade of C-|May not be taken concurrently  
OR BIOL 1111|Minimum Grade of C-|May not be taken concurrently  
OR BIOL 1911|Minimum Grade of C-|May not be taken concurrently  
OR CHEM 1032|Minimum Grade of C-|May not be taken concurrently  
OR CHEM 1042|Minimum Grade of C-|May not be taken concurrently  
OR CHEM 1952|Minimum Grade of C-|May not be taken concurrently)  
AND (GUS 1051|Minimum Grade of C-|May not be taken concurrently  
OR BIOL 1111|Minimum Grade of C-|May not be taken concurrently  
OR BIOL 1911|Minimum Grade of C-|May not be taken concurrently  
OR CHEM 1032|Minimum Grade of C-|May not be taken concurrently  
OR CHEM 1042|Minimum Grade of C-|May not be taken concurrently  
OR CHEM 1952|Minimum Grade of C-|May not be taken concurrently)  
AND (EES 2021|Minimum Grade of C-|May not be taken concurrently  
OR BIOL 1111|Minimum Grade of C-|May not be taken concurrently  
OR BIOL 1911|Minimum Grade of C-|May not be taken concurrently  
OR CHEM 1032|Minimum Grade of C-|May not be taken concurrently  
OR CHEM 1042|Minimum Grade of C-|May not be taken concurrently  
OR CHEM 1952|Minimum Grade of C-|May not be taken concurrently)

### **ENVS 3027. HAZWOPER Training and the Regulatory Environment. 3 Credit Hours.**

This course is typically offered in Spring.

This course is designed to prepare students for working on hazardous waste sites and meet the required training for HAZWOPER certification. Topics include: toxicology, chemical reactivity, monitoring, personal protective equipment, site control, decontamination of equipment, and regulations related to waste sites. Hands-on activities are included based on typical scenarios that working professionals might encounter.

**Class Restrictions:** Must be enrolled in one of the following Classes: Junior 60 to 89 Credits, Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

**Repeatability:** This course may not be repeated for additional credits.

#### **Pre-requisites:**

(EES 3021|Minimum Grade of C|May not be taken concurrently  
OR EES 3025|Minimum Grade of C|May not be taken concurrently)  
AND (CHEM 1031|Minimum Grade of C|May not be taken concurrently)  
AND (CHEM 1032|Minimum Grade of C|May not be taken concurrently)  
AND (CHEM 1033|Minimum Grade of C|May not be taken concurrently)  
AND (CHEM 1034|Minimum Grade of C|May not be taken concurrently)

### **ENVS 4082. Independent Study: Environmental Science. 1 to 3 Credit Hour.**

This course is typically offered in Fall, Spring, Summer I and Summer II.

Duplicate Course: This course can only be counted one time for Environmental Science elective credit. Directed reading and research on a specific topic in Environmental Science agreed to by student and faculty member.

**Repeatability:** This course may be repeated for additional credit.

**ENVS 4085. Internship: Environmental Science. 1 to 3 Credit Hour.**

This course is typically offered in Fall, Spring, Summer I and Summer II.

Duplicate Course: This course can only be counted one time for Environmental Science elective credit. Student gains practical experience by working in a government agency, private industry, or non-governmental organization. NOTE: The student's advisor and a faculty sponsor in a related field arrange internship placement and evaluation.

**Field of Study Restrictions:** Must be enrolled in one of the following Fields of study: Environmental Science.

**Class Restrictions:** Must be enrolled in one of the following Classes: Junior 60 to 89 Credits, Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

**Repeatability:** This course may be repeated for additional credit.

**ENVS 4198. Environmental Science Senior Seminar. 3 Credit Hours.**

This course is typically offered in Spring.

This is the capstone class for the Environmental Sciences major. In this class students will move beyond textbooks and delve into the primary literature by reading, analyzing, and discussing a series of papers that have significantly influenced our understanding of environmental science. These papers will also serve as models for the major assignment of the semester: the preparation of a scientific review paper on a topic chosen by the student. NOTE: For B.S. students only.

**Class Restrictions:** Must be enrolled in one of the following Classes: Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

**Course Attributes:** WI

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:**

(CHEM 2201|Minimum Grade of C-|May be taken concurrently

OR CHEM 2211|Minimum Grade of C-|May be taken concurrently

OR CHEM 2921|Minimum Grade of C-|May be taken concurrently)

AND (BIOL 2112|Minimum Grade of C-|May be taken concurrently

OR BIOL 2912|Minimum Grade of C-|May be taken concurrently

OR BIO4 Y|May not be taken concurrently)

AND (BIOL 2227|Minimum Grade of C-|May not be taken concurrently)

AND (EES 3021|Minimum Grade of C-|May not be taken concurrently

OR EES 3025|Minimum Grade of C-|May not be taken concurrently)