



Distance Education

## Environmental Health and Safety Bachelor's Degree (2020-2021)

The B.S. in Environmental Health and Safety prepares students to work as environmental health and safety project managers and program specialists for business, non-profit, and government. Students obtain skills in pollution prevention and control, waste management, EHS safety management and compliance. Graduates help their employers produce goods and services that reduce environmental contamination, protect workers from hazardous conditions, and use less energy and promote natural and wildlife conservation. The program focuses on environmental responsibility and accountability and promotes being good stewards of the products people make and the services people provide. Upon completion, students will be prepared to take a variety of OSHA certifications.

Graduates of the B.S. in Environmental Health and Safety will be able to:

1. Identify common sources of environmental pollutants and describe the natural processes that impact their dispersal, interactions, and degradation in various environments.
2. Apply health and safety principles and practices to promote environmental sustainability.
3. Develop a professional development plan to pursue additional education and/or attain professional certification (examples: CHMM, CSP, QET, etc.)
4. Assess the political, legal, economic, and social dynamics associated with environment issues and the management of environmental health and safety.
5. Evaluate information using scientific and quantitative reasoning skills.

### Program Core

ENCJ 305 Natural Resource Law and Policy

ENCJ 401 Environmental Compliance, Regulation, and Mitigation

ENVS 101 Sustainable Solutions to Globalization

ENVS 303 Social Science for Environmental Professionals

ESCI 101 Geology and Our Environment

ESCI 305 Environmental Remediation and Toxicology

ESCI 401 Environmental Science Field Techniques

EVHS 305 Construction Safety

EVHS 210 Fire Protection and Safety

EVHS 205 Occupational Safety and Health

EVHS 405 Corporate, Non-profit, and Government EHS Management

EVHS 410 Sustainable Product Stewardship

PSYC 301 Environmental Psychology

### **Environmental Professional Core**

COMM 303 Communicating to Stakeholders **OR**

COMM 403 Environmental Crisis Communication

EVPC 101 Professional Skills

EVPC 201 Environmental Issues: Deforestation, Biodiversity Loss, and Overpopulation **OR**

EVPC 202 Environmental Issues: Energy, Water Scarcity, and Waste

EVPC 301 Environmental Justice **OR**

EVPC 305 Building a Better World: Ethical Decision-Making

EVPC 401 Transformational Leadership

EVPC 490 Transdisciplinary Capstone

### **General Education Core**

BIOL 103 Biology: Foundations of Life

BIOL 104 Biology: Foundations of Life Laboratory

CHEM 101 Chemistry I

CHEM 102 Chemistry I Laboratory

ENVS 201 The Warming Planet: Understanding Climate Change

MATH 201 Statistics for Environmental Professionals

PSYC 101 Introduction to Psychology

An Arts course

2 Communications courses

A Humanities course

A Language course

### **General Electives**

33 credits of general electives

College Wide Requirements: *A minimum of 120 earned credit hours, 30 credits at the 300 level or above, a minimum of 30 credits earned at Unity, and an overall cumulative GPA of 2.0 or above*