

# OCCUPATIONAL SAFETY & ENVIRONMENTAL HEALTH



*"I am confident I will be able to tackle any challenge regarding the protection of people, property and the environment."*

– OSEH student

The Millersville OSEH program will provide you with an educational environment to develop your future career. Our curriculum offers practical, hands-on training that is grounded in applied sciences. We will provide you with opportunities to network with alumni and EHS professionals, interact with industry experts, and build lasting relationships with professors and fellow students.

## DEGREES/MINOR

### BACHELOR OF SCIENCE (B.S.)

#### Occupational Safety & Environmental Health (OSEH)

Millersville University (MU) offers an undergraduate degree in OSEH. The OSEH program strives to develop well-rounded OSEH professionals uniquely capable of protecting employees and the general public from work-related injuries and illnesses, while also protecting company assets and interests. To achieve this goal, the OSEH program has established a Bachelor of Science degree curriculum that prepares students for responsibilities that can include injury and illness prevention, environmental protection, ergonomics, fire protection, industrial hygiene, safety engineering, system safety and safety management.

OSEH students can minor in any of the concentrations offered in the AEST department.

### MINOR IN BUSINESS/MANAGEMENT

OSEH majors may enroll for a fully funded minor from the Lombardo College of Business

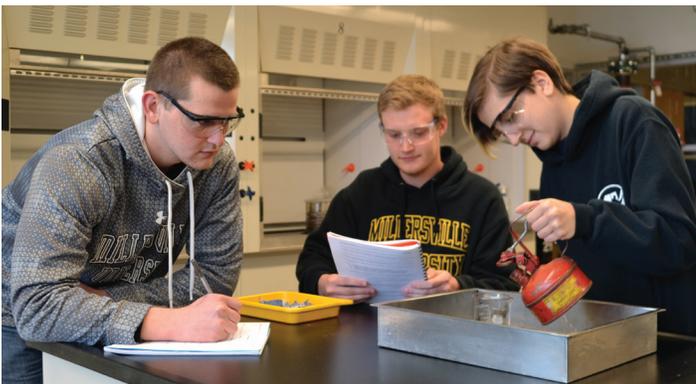
## PROGRAM LEARNING OBJECTIVES

The OSEH program is designed for people interested in professions in the occupational safety and environmental health fields. Objectives of the program include:

- Prepare students to enter the occupational safety and environmental health profession as a generalist with the skills necessary to begin a successful career.
- Encourage interest in continued professional development and lifelong learning through formal graduate study and other professional development courses, programs and opportunities.
- Foster students' ability to apply knowledge of math, science and applied science principles to resolve safety and environmental health-related issues.
- Provide the fundamental education necessary to justify the receipt of the Graduate Safety Practitioner designation provided by the Board of Certified Safety Professionals.
- Provide a solid educational foundation on which the graduate can build a career in an OSEH area, as well as pursue a multitude of scientific, social and culturally based opportunities.
- Prepare students to function within multidisciplinary teams.

## THREE REASONS TO BECOME AN OSEH PROFESSIONAL

1. An opportunity to protect people and the environment
2. High job satisfaction with built-in flexibility
3. Excellent employment opportunities and starting salaries





## INTERNSHIP OPPORTUNITIES

The internship requirement in the Occupational Safety & Environmental Health (OSEH) program at Millersville University has always been considered the most valuable component of our students' academic experience. The typical OSEH intern has completed four years of undergraduate studies, with a balance of courses in safety, environmental health and the sciences. Through the internship, students make a very important transition from college study about a profession to actual experience within that profession. Interns are expected to work a regular shift of approximately 40 hours per week for a full semester.



## CLUBS AND ACTIVITIES

**American Society of Safety Professionals (ASSP)**, Millersville University Student Chapter – ASSP is the world's oldest and largest professional safety organization. Our students are consistently awarded scholarships from ASSP and a few private foundations. They also attend numerous local and national conferences that bring them in touch with national experts.

## FACILITIES

There are four separate laboratory facilities dedicated to the OSEH program:

- Safety Engineering
- Fire Prevention and Control
- Industrial Hygiene
- Ergonomics

## ACCREDITATION

The Millersville University OSEH program is one of only three schools in the nation that offers a degree that is accredited by the Accreditation Board for Engineering and Technology (ABET) under the Environmental, Health and Safety Criteria. Graduates of the program are eligible for the Graduate Safety Practitioner (GSP) designation from the Board of Certified Safety Professionals (BCSP).

## ABOUT OUR GRADUATES

Approximately 88% of our graduates have found employment in the environmental health and safety profession. The largest employers of safety professionals are manufacturing, service industries, construction, insurance, consulting firms and the government. A sampling of job titles held by OSEH graduates includes the following:

- Health and Safety Specialist
- Risk Manager
- Safety Representative
- Safety Manager
- Safety Engineer
- Industrial Hygienist
- Safety and Health Consultant
- Ergonomist



*OSEH students attending the annual ASSP conference.*

## FOR INFORMATION, CONTACT:

**Department of Applied Engineering, Safety & Technology**

P.O. Box 1002 • Millersville, PA 17551

[www.millersville.edu/aest](http://www.millersville.edu/aest)

[AEST@millersville.edu](mailto:AEST@millersville.edu) | 717-871-7237