



ENVIRONMENT, HEALTH, SAFETY, & SUSTAINABILITY (EHS&S)



University of Findlay

Program Overview

EHS&S professionals are innovators, problem-solvers, and change-makers. We protect people, improve community and environmental health. We advance sustainability, and help organizations build a better future around the world.

Developed with input from industry leaders, our bachelor's program prepares students to tackle real-world challenges through a unique blend of science, leadership, and hands-on experience.

As the only university in the U.S. to integrate its academic program with a nationally recognized five-acre emergency response training facility, the All Hazards Training Center (AHTC), students gain unparalleled opportunities to apply classroom knowledge in realistic settings, preparing them to make an immediate impact on workplaces, communities, and the environment.

You will:

- Learn in classrooms and labs
- Get specialized hands-on training
- Gain real work experience through internships and co-ops
- Obtain professional certifications

Program Highlights



IHMM-CHMM
Exam Approved



Paid internships
while in school



EHAC Accredited



Gain hands on
experience

\$70K

Average
starting salary



Scholarships offered
through Findlay &
partner companies

What Careers Are in Demand?

- Environmental Health
- Corporate Workplace Safety
- Environmental Compliance Officer
- Sustainability and Green Innovation
- Industrial Hygienist
- Emergency Management Director
- Environmental Consultant
- Health Departments
- U.S. Public Health Service Commissioned Corps

THE WORLD NEEDS ENVIRONMENTAL HEROES. THE WORKFORCE NEEDS SAFETY LEADERS.

If you want a high-impact career providing opportunities to improve communities, the environment, and workplaces then the EHS&S Program is your path to make a difference.

ABOUT OUR FACULTY

Our faculty represent a diverse background in public health, safety, occupational health, and law. They don't just teach from textbooks, they bring decades of active corporate and government field experience directly into the classroom to prepare students for successful careers.

28K+

UF
global
alumni
network

5

Average of
five job offers
after
graduation

100%

Job
placement
within six
months

RECENT GRADS WERE HIRED AT COMPANIES LIKE THESE:



EHS&S STATISTICS

- 14% job expectancy growth rate by 2033 (according to EHSCareers.com)
- EHS&S ranks 8th for Best Science Jobs in America according to *U.S. News and World Report*
- Receive at least three professional certifications before graduation
- Bypass the 1st board exam! Our elite QAP status automatically grants you the Graduate Safety Practitioner designation on graduation day.



"THE EHS PROGRAM IS A GREAT MIX"



"The EHS program is a great mix of science, mathematics, technology, and soft side skills. There truly isn't anything like it. You can go from taking water samples in creeks around Findlay to mock court cases to putting on Level A hazmat suits for mock spills. It also leads to a career path that is always in need with endless jobs openings."

– **Lillian Swails** Class of 2023

SAMPLE CURRICULUM

Environment, Health, Safety, & Sustainability Required Courses

Environment & Society with Lab*	4 hrs
OSHA Hazardous Waste Site Worker Training	2 hrs
Industrial Processes & Hazard Recognition	3 hrs
OSHA Practices & Standards	3 hrs
Fundamentals of Occupational Health with Lab	4 hrs
Public Health Microbiology	3 hrs
Env. Sampling & Field Analytical Methods	3 hrs

Environmental Regulations & Law	4 hrs
Water, Wastewater, Solid, & Haz. Waste Treatment	3 hrs
Introduction to Project Management	3 hrs
Management of Safety & Health Programs	3 hrs
Toxicology & Risk Assessment	4 hrs
ESOH Internship*	1 hr

Required Math & Science

Introduction to Anatomy & Physiology with Lab*	4 hrs
General Chemistry I with Lab*	4 hrs
Basic Organic & Biochemistry with Lab	4 hrs
Integrated Statistical Analysis	4 hrs
Epidemiology & Biostatistics	3 hrs
Spreadsheet Design	3 hrs

Physics I with Lab*	4 hrs
College Algebra* AND	4 hrs
Trigonometry*	3 hrs
OR Precalculus*	4 hrs
OR Calculus I*	4 hrs

Electives (Select minimum of 20.5 hours with 1.5 hours being AHTC Training Courses)

AHTC Training Courses

Chemistry of Hazardous Materials	1 hr
Tech Level Emergency Response Training	2 hrs
Incident Command	0.5 hr
CPR/First Aid/Advanced First Aid	1 hr
Personal Emergency Preparedness	2 hrs
Confined Space E/A Basic & Supervisor Rescue	2 hrs
DOT HAZMAT Transportation	1.5 hrs
RCRA Hazardous Waste Generator Training	1.5 hrs
OSHA 30-Hour Construction Industry Safety	1.5 hrs
Introduction to Emergency Management	3 hrs

Environmental Compliance Electives

Environmental Permit & Reporting	4 hrs
Human Resources Issues for EHS Management	3 hrs
Environmental Audits & Assessment	3 hrs
EHS Compliance and Enforcement	4 hrs
Train the Trainer	1.5 hrs
Advanced Topics in EHS	3 hrs
Hydrogeology	3 hrs
Geographic Information Systems	3 hrs
Public Policy	3 hrs

Emergency Management Electives

Emergency Management Finance	3 hrs
Emergency Management and Law	3 hrs
Threat and Vulnerability Assessment and Management	3 hrs
All Hazards Emergency Planning	3 hrs
ESOH Seminar	1 hr

Environmental Safety & Health Practices Electives

Industrial Hygiene Sampling & Calculations	4 hrs
Control & Engineering in Industrial Hygiene	4 hrs
General Chemistry II with Lab	4 hrs
Additional Physics Course with Lab	4 hrs
Additional 300 or 400 Level Biology Course	4 hrs
Management of Human Capital	3 hrs
Human Resource Management	3 hrs

Sustainability Electives

Sustainability: An Introduction	3 hrs
Energy for a Sustainable Future	3 hrs
Sustainability: The Human Footprint	3 hrs
Sustainability: Systems & Impacts	3 hrs
Environmental & Resource Economics	3 hrs
Sustainability Moving Principles to Action	3 hrs
Sustainability Past, Present, & Future	3 hrs

Disclaimer: The plan outlined above is a suggested course sequence. It may be adjusted based on prior college credit or transfer coursework earned before enrollment.

