

# INDUSTRIAL HYGIENE CERTIFICATE (GRADUATE)

The online Graduate Certificate in Industrial Hygiene prepares professionals with the basic knowledge of industrial hygiene and toxicology to recognize and control workplace hazards. The Certificate provides 15 industrial hygiene specific credits that prepare students for the Certified Industrial Hygiene (CIH) exam

The Graduate Certificate in Industrial Hygiene is a non-degree program. Courses carry degree credit that may be applied toward the MSPH or MPH degrees. This graduate certificate is offered online, suiting the needs of most mid-career professionals.

## Program Competencies

At the completion of the Graduate Certificate in Industrial Hygiene, the student will be able to:

- Recognize hazardous agents and the adverse effects of exposure
- Anticipate and evaluate work place hazards using basic and applied scientific and engineering principles.
- Specify types of personal protective equipment and other controls for work place hazards and exposures.

## Requirements

The Graduate Certificate in Industrial Hygiene requires a total of **15 credits** that includes:

Course ID	Title	Credits
<b>Required Courses</b>		
ENHS 6030	Survey of Environmental Health	3
ENHS 6600	Principles of Toxicology	3
ENHS 6720	Principles of Industrial Hygiene	3
Select six credits from the following:		6
ENHS 6300	Radiological Health	
ENHS 6540	Principles of Occupational Health	
ENHS 6620	Physical Agents & Ergonomic Hazards in the Workplace	
ENHS 7110	Industrial Ventilation & Chemical Hazard Control	
ENHS 7500	Air Sampling & Analysis <sup>1</sup>	
<b>Total Credit Hours</b>		<b>15</b>

<sup>1</sup> This course requires a one week on campus laboratory section. Dates for on campus lab posted in calendar.

### Apply Graduate Certificate Credits toward the MSPH in Industrial Hygiene

IH course credits taken in the graduate certificate may be applied to the MSPH in industrial hygiene. Students proceeding onto the MSPH degree in IH complete a total of 45 credits that include the remainder of the required IH courses and the SPHTM core. Only the MSPH degree is awarded. Student must have a GPA of 3.0 in coursework and meet the IH admission requirements to transfer to the degree program. Contact the DL manager prior to completion of the certificate for information.

### Combined Graduate Certificate with a MPH Degree in Another Area

Student in another MPH degree program seeking to add a graduate certificate in IH may use the elective credits available in a degree program, but not required courses, for the graduate certificate. Required courses cannot be double counted toward both the MPH and the IH graduate certificate. If there is an overlap in required courses, the student, in consultation with their advisor, selects other industrial hygiene courses to meet the 15 credits for the certificate. The combined MPH and the IH graduate certificate may take 2 to 6 additional credits beyond the total for the MPH degree alone.