

Industrial Hygiene MS

Version 4/16/2026

1st Year Fall Semester			Course Number	Credit Hours
Environmental Health Seminar	ENV-7001	1		
Practice in Occupational Exposure Assessment I	EIH-7041C	2		
Identification of Potential Workplace Exposures	EIH-9004	2		
Introduction to Biostatistics	BDS-7022	3		
Introduction to Epidemiology	BE-7076	3		
Principles of Occupational Exposure Assessment	EIH-7007	2		
Professional Development in Occupational Hygiene I	EIH-8081	1		
Principles of Ergonomics	OSE-7092C	2		
Survey of Physiology	EIH-7084	1		
	Total Credits	17		
1st Year Spring Semester			Course Number	Credit Hours
Environmental Health Seminar	ENV-7001	1		
Physical Aspects of the Environment	EIH-7090C	2		
Occupational Health, Hygiene and Safety Workshop I	EIH-8019	2		
Professional Development in Occupational Hygiene II	EIH-8082	1		
Aerosol Properties and Measurement	EIH-7043C	2		
Practice of Occupational Exposure Assessment II	EIH-7042C	2		
Evaluation of Workplace Exposures	EIH-7075	2		
Ethics in Research	GNTD-7003	1		
	Total Credits	13		
2nd Year Fall Semester			Course Number	Credit Hours
Occupational Health, Hygiene and Safety Workshop II	EIH-8020	2		
Occupational Safety Engineering	MECH-6050	3		
Hazardous Materials Management	EIH-8034	2		
Survey of Toxicology	TOX-7082	2		
Successful Scientific Writing	BE8076	2		
Professional Development in Occupational Hygiene I	EIH-8081	1		
Research	ENV-8091	x		
Elective (See list below for recommended options)		3		
	Total Credits	15		
2nd Year Spring Semester			Course Number	Credit Hours
Professional Development in Occupational Hygiene II	EIH-8082	1		
Teaching Practicum in Environmental Health	EIH-7025	1		
Masters Thesis Research (Minimum 1 required and must have Letter of Intent approved)	ENV-7091	1		
Research	ENV-8091	x		
Elective (See list below for recommended options)		x		
	Total Credits	3		

Total Program Credits

48

List of Recommended Electives	Course Number	Credit Hours
Ventilation Safety & Health	EIH-8035	1
Human Biological Monitoring and Biological Markers	EIH-8043	2
Toxicological Modeling Biological Monitor Risk Applications	EIH-8045	2
Applied Risk Assessment	EIH-8078	2
Biomechanical and Physiological Aspects of Muscular Activity	OSE-7044	2
Introduction to Measurement Techniques in Ergonomics	OSE-7048	2
Racism as a Public Health Concern	PH-7003	3
Understanding Vulnerable Populations	PH-8062	3
Global and International Health Systems	PH-8070	3
Advanced Biostatistics	BE-7023	3
Data Analysis with R and SAS	BE-8083	3
Molecular Epidemiology	BE-9073	2
Introduction to Nuclear Engineering and Health Physics	MECH-6003	3
System Safety Engineering	MECH-6052	3
Interprofessional Field Experience in Occupational Health	ANCH-8056	1
Health Planning and Analysis	ANNA-8010	3

Students are encouraged to attend Departmental Seminars even if they do not register for ENV7001.

Required to participate in the teaching practicum for the entire 2nd year, however, only 1 credit of EIH7025 is needed.