

# 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
Survey of Toxicology	TOX-7082	2
Principles of Occupational Exposure Assessment	EIH-7007	2
Professional Development in Occupational Hygiene I	EIH-8081	1
Principles of Ergonomics	OSE-7092C	2
Successful Scientific Writing	BE8076	2
Survey of Physiology	EIH-7084	1
	<b>Total Credits</b>	<b>18</b>
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
	<b>Total Credits</b>	<b>13</b>
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
Introduction to Epidemiology	BE-7076	3
Professional Development in Occupational Hygiene I	EIH-8081	1
Research	ENV-8091	x
Elective (See list below for recommended options)		3
	<b>Total Credits</b>	<b>14</b>
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
	<b>Total Credits</b>	<b>3</b>

**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.

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