

INDUSTRIAL HYGIENE & ENVIRONMENTAL HEALTH SCIENCE, M.S.

About

Embark on a transformative journey with the Master of Science in Industrial Hygiene and Environmental Health Sciences at OU Hudson College of Public Health. The MS program in Industrial Hygiene and Environmental Health Sciences is accredited by the Applied and Natural Science Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org/>), under the commission's General Criteria and Program Criteria for Industrial Hygiene. Our MS in Industrial Hygiene & Environmental Health Sciences program is a stepping stone to the Certified Industrial Hygienist credential and a career in professional industrial hygiene practice.

Accreditation

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Cost

It is the student's responsibility to ensure they are enrolled in the prescribed courses and to pay tuition and fees at the time designated by the Bursar's Office. Details regarding tuition/fee charges and collection are available from the Bursar's Office.

Admission Requirements

In addition to other entry requirements of the Hudson College of Public Health, applicants to the MS program in OEH must have completed the following: College Algebra or higher course, 36 hours in basic sciences, mathematics, engineering and technology, with at least 12 hours in chemistry to include organic chemistry, a course in biology, physiology, biochemistry, or other appropriate life science course, and a course in physics. At least 9 hours of the basic sciences, mathematics, engineering and technology courses must be at the upper division (junior, senior, or graduate) level. Also required is a minimum of 21 hours in communications, humanities, and social sciences.

Those who matriculate with deficiencies of up to 8 credit hours of entry course work (as mentioned above) must meet the full entrance requirements within the first 12 months of graduate course work. No course taken to fulfill the prerequisite requirements can count toward the degree program.

Curriculum

Code	Title	Hours
OEH 5013	Environmental Health	3
OEH 5103	Occupational and Environmental Sampling Strategies	3
OEH 5213	Principles of Environmental Health and Safety Management	3
OEH 5262	Occupational and Environmental Law	2
OEH 5702	Principles of Safety	2

OEH 5723	Fundamentals of Occupational and Environmental Health Sciences	3
OEH 5734	Noise and Radiation Hazards	4
OEH 5742	Measurements in Occupational and Environmental Health	2
OEH 5793	Norman Talk-Back TV	3
OEH 5980	Research For Master's Thesis	1-4
OEH 5553	Occupational and Environmental Toxicology	3
OEH 5752	Occupational Hazards Control	2
OEH 5801	Basic Ergonomics	1
OEH 5940	Field Practice	1-2
BSE 5113	Principles of Epidemiology	3
BSE 5163	Biostatistical Methods I	3
HPS 5213	Social and Behavioral Sciences in Public Health	3
HAP 5453	U.S. Health Care Systems	3
HPS 5211	Qualitative Methods in Public Health	1

Additional Degree Requirements

Quantitative Skills Examination

Industrial Hygiene Knowledge Survey

Oral Thesis Defense

Master's Thesis

PREREQUISITE REQUIREMENTS

- Bachelor's degree from an accredited institution.
- Grade point average of 3.0 or above in the last 60 hours.
- A minimum of 36 semester hours of undergraduate and/or graduate-level courses in basic and applied sciences, mathematics, and engineering/technology with at least 9 of these credit hours at the upper-level: Chemistry – including Organic Chemistry, Biology, Physiology, Biochemistry, or other appropriate life science, Physics, College Algebra or higher, Statistics, Nutrition, Exercise Science, Environmental Health, Computer Science, Geographic Information Systems, and Safety Science. A minimum of 8 hours in communication is required: English, Speech, Journalism, Media, Composition, Technical Writing, Foreign Languages, and Literature.
- Proof of language proficiency for international applicants: TOEFL score of 88 or above for most programs. The MHA program requires a TOEFL score of 100 IBT.