

Department of Environmental, Occupational, and Geospatial Health Sciences
Master of Public Health (MS) degree in Environmental and Occupational Health Sciences for Macaulay
Honors College students

The goals of the Department of Environmental, Occupational, and Geospatial Health Sciences (EOGHS) at the CUNY Graduate School of Public Health and Health Policy (CUNY SPH) are to identify, explain and mitigate the impact of natural, social, built, food and occupational environments on the health and well-being of populations. Our mission is to facilitate the development of equitable interventions that promote population health. Key to the work of our faculty and students is the translation of theory into effective action, both locally in New York and globally. A fundamental part of our identity is the education and training of the next generation of scientists and public health practitioners imbued with the same ideals, as well as the knowledge and skills to implement them.

The MS in Environmental and Occupational Health Sciences program prepares students for careers in the growing field of Industrial Hygiene. Students learn to assess and measure exposures to environmental and occupational hazards and to develop control strategies to remediate these exposures, with the ultimate aim of ensuring that workplaces in every field, from offices to schools to factories, are safe and healthy environments. It offers courses that develop the scientific framework and technical skills needed to achieve these objectives. Its graduates work as inspectors, health and safety specialists and industrial hygienists for government agencies, institutions, consulting firms and businesses.

Undergraduate students at the Macaulay Honors College, CUNY can complete their BA and MS in EOHS degrees in 4+1 years by following the sequence described in figure 1 and completing the MS courses described in table 1.

Figure 1: 4+1 Sequence for BA-MS students

Year 1	<ul style="list-style-type: none"> •Macaulay undergraduate courses
Year 2	<ul style="list-style-type: none"> •Macaulay undergraduate courses
Year 3	<ul style="list-style-type: none"> •Macaulay undergraduate courses
Summer	<ul style="list-style-type: none"> •One online core course (PUBH 613)
Year 4	<ul style="list-style-type: none"> •Macaulay undergraduate courses •Fall semester: EOHS 633, EOHS 623 •Spring semester: PUBH 601, EOHS 626
Summer	<ul style="list-style-type: none"> •One online core course (PUBH 614)
Year 5	<ul style="list-style-type: none"> •Fall semester: EOHS 625, EOHS 627, EOHS 643, Elective I •Spring semester: EOHS 622, PUBH 698, Elective II, Elective III

Table 1: MS Courses and sequence for 4+1 BA-MS in Environmental and Occupational Health Sciences

Course Requirements for MS in Environmental and Occupational Health Sciences	Credits	Semester taken by Macaulay 4+1 BA-MS students
PUBH 601 (Foundations of Public Health Knowledge)	0	Year 4 Spring
2 Core Courses		
PUBH 613 (Designs, Concepts, and Methods in Public Health Research)	3	Summer
PUBH 614 (Quantitative and Qualitative Data Analysis Methods in Public Health Research)	3	Summer
7 Concentration Courses		
EOHS 622 (Environmental and Occupational Toxicology)	3	Year 5 Spring
EOHS 623 (Principles of Industrial Hygiene)	3	Year 4 Fall
EOHS 626 (Industrial Ventilation and Indoor Air Quality)	3	Year 4 Spring
EOHS 627 (Noise and Radiation Hazards and Controls)	3	Year 5 Fall
EOHS 633 (Introduction to Environmental and Occupational Health)	3	Year 4 Fall
EOHS 625 (Hazard Evaluation and Instrumentation)	3	Year 5 Fall
EOHS 643 (Industrial Safety and Management)	3	Year 5 Fall
3 Elective Courses	3	
Elective I		Year 5 Fall
Elective II	3	Year 5 Spring
Elective III	3	Year 5 Spring
Culminating Experience		
PUBH 698 (Capstone Project)	3	Year 5 Spring
Total Credits	39	