

Environmental Health: Industrial Hygiene (MPH)

COURSE REQUIREMENTS

School of Public Health Requirements (These courses can be taken on-line during Fall, Spring & Summer semesters)

PUBH 6020	Fundamentals of Social and Behavioral Science	2 cr
PUBH 6102	Issues in Environmental Health	2 cr
PUBH 6250	Foundations of Public Health	2 cr
PUBH 6320	Fundamentals of Epidemiology	3 cr
PUBH 6450	Biostatistics I	4 cr
PUBH 6741	Ethics in Public Health: Professional Practice and Policy	1 cr
PUBH 6751	Principles of Management in Health Services Organizations	2 cr

Division of Environmental Health Sciences Requirements:

PUBH 7194	Integrative Learning Experience: Environmental Health	3 cr
PUBH 7196	Applied Practice Experience: Environmental Health	3 cr

Occupational Health and Safety Requirements:

PUBH 6130	Occupational Medicine: Principles and Practice	2 cr
PUBH 6150	Interdisciplinary Evaluation of Occupational Health & Safety Field Problems	3 cr
PUBH 6170	Introduction to Occupational Health and Safety	3 cr

Industrial Hygiene Program Requirements (These courses are only offered every other year)

PUBH 6159	Principles of Toxicology I	2 cr
PUBH 6172	Industrial Hygiene Applications	2 cr
PUBH 6173	Exposure to Physical Agents	2 cr
PUBH 6174	Control of Workplace Exposures	3 cr
PUBH 6175	Environmental Measurements Laboratory	2 cr
PUBH 6192	Measurement and Properties of Air Contaminants	2 cr
PUBH 6193	Advanced Topics in Human Exposure Science	2 cr

Industrial Hygiene Electives (At least 7 credits are required; F = Fall Semester, S = Spring Semester):

PUBH 6109	Environmental Health: Science, Politics and Policy	4 cr
PUBH 6112	Environmental Health Risk Assessment	2 cr (F)
PUBH 6115	Worker Protection Law	1 cr (S)
PUBH 6116	Environmental Law	1 cr (S)
PUBH 6120	Injury Prevention in the Workplace, Community, and Home	2 cr (S)
PUBH 6131	Working in Global Health	2 cr (S)
PUBH 6132	Air, Water, and Health	2 cr (S)
PUBH 6140	Occupational and Environmental Epidemiology	2 cr (S)
PUBH 6161	Regulatory Toxicology	2 cr (S)
PUBH 6162	Biomarkers	2 cr (F)
PUBH 6177	Nanotechnology Health and Safety	3 cr (every other F)
PUBH 6182	Emerging Infectious Disease	3 cr (S)
PUBH 6190	Environmental Chemistry	3 cr (F)
PUBH 6451	Biostatistics II	4 cr (F&S)
CEGE 4561	Solids and Hazardous Wastes	3 cr
CEGE 5551	Environmental Microbiology	3 cr (F)
CMGT 4031	Construction Safety and Loss Control	3 cr (F&S)
IE 5511	Human Factors and Work Analysis	4 cr (F)
IE 5513	Engineering Safety	4 cr (F&S)
KIN 5001	Foundations of Human Factors/Ergonomics	3 cr (F)
ME 5113	Aerosol/Particle Engineering	4 cr (F)
PA 5721	Energy Systems and Policy	3 cr (F)
Other courses approved by your academic advisor		

MINIMUM TOTAL CREDITS:

52 cr

CONTACT INFORMATION

Program Coordinator
Khosi Nkosi
Email: nkosi001@umn.edu
Phone: 612-625-0622

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SAMPLE PLAN OF STUDY

Fall	Spring	Summer
YEAR 1		
PUBH 6159 Principles of Toxicology I (2 cr) PUBH 6170 Introduction to Occupational Health and Safety (3 cr) PUBH 6450 Biostatistics I (4 cr) <u>Odd years</u> PUBH 6192 Measurement and Properties of Air Contaminants (2 cr) PUBH 6193 Advanced Topics in Human Exposure Science (2 cr) <u>Even years</u> PUBH 6020 Fundamentals of Social and Behavioral Science (2 cr) PUBH 6250 Foundations of Public Health (2 cr)	PUBH 6102 Issues in Environmental Health (2 cr) PUBH 6150 Interdisciplinary Evaluation of Occupational Health & Safety Field Problems (3 cr) INDUSTRIAL HYGIENE ELECTIVES (1-3 cr) <u>Even years</u> PUBH 6173 Exposure to Physical Agents (2 cr) PUBH 6175 Environmental Measurements Laboratory (2 cr) <u>Odd years</u> PUBH 6172 Industrial Hygiene Applications (2 cr) PUBH 6174 Control of Workplace Exposures (3 cr)	PUBH 7196 Applied Practice Experience: Environmental Health (3 cr)
YEAR 2		
PUBH 6320 Fundamentals of Epidemiology (3 cr) PUBH 6741 Ethics in Public Health: Professional Practice and Policy (1 cr) INDUSTRIAL HYGIENE ELECTIVES (4-6 cr) <u>Even years</u> PUBH 6020 Fundamentals of Social and Behavioral Science (2 cr) PUBH 6250 Foundations of Public Health (2 cr) <u>Odd years</u> PUBH 6192 Measurement and Properties of Air Contaminants (2 cr) PUBH 6193 Advanced Topics in Human Exposure Science (2 cr)	PUBH 6130 Occupational Medicine: Principles and Practice (2 cr) PUBH 6751 Principles of Management in Health Services Organizations (2 cr) PUBH 7194 Intergrative Learning Experience: Environmental Health (3 cr) <u>Odd years</u> PUBH 6172 Industrial Hygiene Applications (2 cr) PUBH 6174 Control of Workplace Exposures (3 cr) <u>Even years</u> PUBH 6173 Exposure to Physical Agents (2 cr) PUBH 6175 Environmental Measurements Laboratory (2 cr)	