

Environmental Health: Industrial Hygiene (MS)

COURSE REQUIREMENTS

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

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 6742	Ethics in Public Health: Research and Policy	1 cr

Division of Environmental Health Sciences Requirements:

PubH 6109	Society, Politics and Policy	4 cr
PubH 7194	Integrative Learning Experience: Environmental Health	3 cr
PubH 7196	Applied Practicum 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 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 9 credits are required; F = Fall Semester, S = Spring Semester):

PubH 6020	Fundamentals of Social and Behavioral Science	2 cr (F&S)
PubH 6112	Environmental Health Risk Assessment	2 cr (S)
PubH 6115	Worker Protection Law	1 cr (F)
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 (F)
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 (F)
PubH 6182	Emerging Infectious Disease	3 cr (S)
PubH 6190	Environmental Chemistry	3 cr (F)
PubH 6451	Biostatistics II	4 cr (F&S)
PubH 6751	Principles of Management in Health Services Organizations	2 cr (F&S)
CEGE 4561	Solid Hazardous Wastes	3 cr (S)
CEGE 5551	Environmental Microbiology	3 cr (F)
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 and Environmental Policy	3 cr (F&S)
Other courses approved by your academic advisor		

MINIMUM TOTAL CREDITS:

52 cr

CONTACT INFORMATION

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SAMPLE PLAN OF STUDY

Fall	Spring	Summer
YEAR 1		
PubH 6102 Issues in Environmental Health (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> INDUSTRIAL HYGIENE ELECTIVES (2-4 cr)	PubH 6109 Society, Politics and Policy (4 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 Practicum Experience: Environmental Health (3 cr)]
YEAR 2		
PubH 6250 Foundations of Public Health (2 cr) PubH 6320 Fundamentals of Epidemiology (3 cr) PubH 6741 Ethics in Public Health: Research and Policy (1 cr) <u>Even years</u> INDUSTRIAL HYGIENE ELECTIVES (4-6 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) INDUSTRIAL HYGIENE ELECTIVES (2-4 cr)	PubH 6130 Occupational Medicine: Principles and Practice (2 cr) PubH 7194 Integrative Learning Experience: Environmental Health (3 cr) INDUSTRIAL HYGIENE ELECTIVES (2-4 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)	