

**REQUIRED COURSES FOR
HAZARDOUS SUBSTANCES CONCENTRATION, MS**

Quarter	Course	Number	Credits
Autumn Year 1	Environmental Health Seminar	26-ENV-701	1
	Principles of Occupational Exposure Assessment	26-EIH-707	3
	Practice in Occupational Exposure Assessment I	26-EIH-741	3
	Programmatic Aspects of Occupational Health & Safety	26-EIH-781	1
	Introduction to Biostatistics	26-BE-787	4
	Identification of Potential Workplace Exposures	26-EIH-904	2
	Occupational Safety Engineering ^a	20-INDS-710	3
	Current Topics in Occupational Hygiene	26-EIH-981	<u>1</u>
			18
Winter Year 1	Environmental Health Seminar	26-ENV-702	1
	Practice in Occupational Exposure Assessment II	26-EIH-742	3
	Introduction to Epidemiology	26-BE-776	3
	Survey of Environmental Toxicology	26-TOX-782	3
	Physical Aspects of the Environment	26-EIH-790	3
	Identification of Potential Workplace Exposures	26-EIH-905	3
	Current Topics in Occupational Hygiene	26-EIH-982	<u>1</u>
			17
Spring Year 1	Environmental Health Seminar	26-ENV-703	1
	Physical & Biological Aspects of Aerosols	26-EIH-743	3
	Human Biological Monitoring & Biological Markers	26-EIH-843	3
	Evaluation of Workplace Exposures	26-EIH-775	3
	Principles of Ergonomics	26-OSE-792	3
	Current Topics in Occupational Hygiene	26-EIH-983	1
	Electives ^b	---	<u>Var</u>
			15 minimum
Summer^c			
Autumn Year 2	Environmental Health Seminar	26-ENV-701	1
	Teaching Practicum in Environmental Health	26-ENV-725	1 (min)
	Occupational Health, Hygiene and Safety Workshop	26-EIH-819	2
	Hazardous Materials Management	26-EIH-834	2
	Introduction to Nuclear Engineering and Health Physics	20-NUC-640	3
	Current Topics in Occupational Hygiene	26-EIH-981	1
	Master's Thesis Research ^d	26-ENV-791	Var
	Electives	---	<u>Var</u>
			15 minimum
Winter Year 2	Environmental Health Seminar	26-ENV-702	1
	Workplace Exposure Measurements – follow-up	26-EIH-971	1
	Occupational Health, Hygiene and Safety Workshop	26-EIH-820	2
	Ethics in Research	26-GNTD -730	1
	Current Topics in Occupational Hygiene	26-EIH-982	1
	Effective Methods of Worker Health and Safety Training	26-EIH-846	2
	Master's Thesis Research	26-ENV-791	Var
	Electives	---	<u>Var</u>
			15 minimum

Quarter	Course	Number	Credits
Spring	Environmental Health Seminar	26-ENV-703	1
Year 2	Occupational Health, Hygiene and Safety Workshop	26-EIH-821	2
	Applied Risk Assessment	26-TOX-878	2
	Current Topics in Occupational Hygiene	26-EIH-983	1
	Master's Thesis Research	26-ENV-791	Var
	Electives	---	<u>Var</u>
			15 minimum

a) Acceptable substitutions for this class are: 20 MINE 779 Safety Engineering and Product Liability (winter quarter) or 20 MINE 621 System Safety 1.

b) Choose a minimum of 9 credits from the following list:

- Basics of Environmental Medicine/ 26 OCCM 987 (2) (offered only in academic years beginning with odd number; not offered 2005-06)
- Biomechanical & Physiological Aspects of Muscular Activity/ 26 OSE 744 (3)
- Basics of Occupational Medicine/ 26 OCCM 786 (2) (not offered 2005-06)
- Basic Principles of Environmental Law/ 26 CEE 657 (3)
- Management of Professionals/ 20 MINE 640 (3) or Occupational Health Management (2) 26 OCCM 748
- Stress and Cognition/ 15 PSYCH 824 (3)
- Methods to Obtain Complete Occupational Histories/ 26 EIH 845 (2)
- Survey of Public Health/ 26 EHS 746 (3) (offered only in academic years beginning with even number)
- System Safety I / 20 MINE 621 (3)
- Respirators & Respiratory Protection/ 26 OCCM 854 (2)
- GIS Planning Applications/ 23 PLAN 681 (4)
- Introduction to GIS Systems for Planners/ 23 PLAN 780 (4)

c) A summer internship is recommended for students with no prior EOH work experience. No course credit is given.

d) A form available in Graduate Studies office must be completed and returned to Graduate Studies.

The student is expected to take all courses listed above. Any required course may be waived with the permission of the instructor and advisor when the student has already had the equivalent course content; the graduate studies office has a form to document these approvals. Another course with equivalent credit hours must then be selected. The academic advisor will assist in this process.