

MASTER'S DEGREE IN ENVIRONMENTAL SCIENCE

Area of Concentration In:

HAZARDOUS SUBSTANCES & TOXICOLOGY

This area of concentration prepares the student for work in hazardous materials management, including hazardous waste disposal, investigation of hazardous waste sites, risk assessment, and toxicological investigations.

Prerequisites

General and Organic Chemistry, Introductory Biology. A course in analytical chemistry is also recommended

Required Courses

One of the following:

Ecological Toxicology & Risk Assessment (ZOO 562) (Fall)	4
Regulatory Physiology (ZOO 558)	4
Survey of Environmental Toxicology* (at UC:26-904-782)	3q

One of the following:

Environmental Chemistry (CHM 563)	2
Instrumental Analysis (CHM 554)	3

Electives (at least 3 courses/8crs)

Environmental Law (IES 550)--recommended (Fall)	3
Fundamentals of Biochemistry (CHM 532)	3
(CHM 534)	4
Hazardous Waste Management* (UC:26EIH) or	2q
Solid and Hazardous Waste Management (PPS 540)	3
Industrial Environmental Control (PPS 505)(Fall)	3
Biology of Cancer (ZOO 549)	3
Hydrogeology (GLG 508)	3
Geochemistry of Natural Water (GLG 591) (Fall)	3
Introduction to Epidemiology* (UC:26BF776)	3q
Introduction to Environmental Health* (UC:26EHS745)	3q
Survey of Environmental & Toxicology* (UC:26TOX782)	3q
Biological Effects of Air Pollutants*(UC:26TOX711)	2q
Risk Assessment* (UC:26EHS987)	3-4q

Total Minimum Hours **13**

*These courses are offered at the University of Cincinnati, which is on the quarter system. Courses at UC can be taken through the Greater Cincinnati Consortium of Colleges and Universities. Contact the Registrar for details.

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