

## Environmental Health Concentration Competencies

<b>MPH Graduates with a concentration in Environmental Health are expected to perform with entry-level competence in the following areas:</b>	<b>Concentration Core Courses</b>													<b>Student Assessment</b>
	PHC 6313	VME 6602	VME 6607	PHC 6702	PHC6937	ENV 5105	EES 5245	FOS 5205	SOS 6932/4932	VME 6603	VME 6605	PHC 6931	PHC 6946	Achieved/ Not Achieved
1. Describe to specific communities or general populations the direct and indirect human and ecological effects of major environmental agents.	X	X	X	X	X	X	X	X	X	X	X	X	X	
2. Describe genetic, physiological and psychosocial factors that affect susceptibility to adverse health outcomes following exposure to environmental hazards		X		X			X		X	X	X	P	P	
3. Explain the health effects and general mechanisms of toxicity in eliciting a toxic response to exposure to various environmental toxicants	X	X								X	X	P	P	
4. Specify approaches for assessing, preventing, and controlling environmental hazards that pose risks to human health and the environment.	X	X	X	X	X	X	X	X	X	X	X	P	P	
5. Develop a testable model of an environmental insult or design a way to evaluate an environmental insult	X		X	X		X	X	X	X	X	X	P	P	

X: Learning objectives in this course contribute to achievement of the competency.

P: Competency may be addressed through this course. PHC 6931 and PHC 6946 have clear objectives but variable content that is tailored to individual student needs and goals. One or more competencies are addressed through the special projects conducted and reported in these courses.

Notes:

PHC 6313	Environmental Health Concepts in Public Health
VME 6602	General Toxicology
VME 6607	Human Health Risk Assessment
PHC 6702	Exposure Assessment
PHC 6937	Risk Communication
ENV 5105	Air Pollution
EES 5245	Water Quality Analysis
FOS 5205	Food Safety and Sanitation
SOS 6932	Soils and Public Health
VME 6605	Toxic Substances
VME 6603	Advanced Toxicology
PHC 6946	Public Health Internship

Visit <http://www.mph.ufl.edu/concentrations/EHCompetencies2006.pdf> for a detailed map of the Environmental Health concentration competencies and the course learning objectives designed to contribute to them.