

University of South Florida, College of Public Health

Department of Environmental & Occupational Health

**MPH: Environmental Health**

Students in the MPH program in Environmental Health gain a broad perspective in the public health sciences and social sciences, and a fundamental education in the technical sciences with an emphasis on the protection and improvement of our environmental and public health. Students enrolled in the MPH program are likely to be recent graduates of a biological science, environmental science or medicine undergraduate program; employees of county or state agencies; in a military education program; or involved in environmental health & safety management with a company. The motivation for an MPH student to complete an advanced degree is to become an environmental scientist or manager; and increased competence as an environmental scientist or manager; or as pre-medical training or an opportunity to take and pass the US medical boards. Many MPH students are now or will become community leaders, for example, as U.S. Armed Services or Public Health Service Officers; as State Health Officers; or as Agency or Laboratory Directors.

In addition to the overall **Master of Public Health** degree competencies, *Environmental Health MPH* graduates will be able to:

1. Describe natural and engineered environmental systems and their interrelationships with human activities and human health;
2. Relate the history of environmental health issues to current practices and policies;
3. Apply technical knowledge and skill for the prevention and/or control of specific environmental health problems;
4. Communicate orally and in writing relevant information concerning environmental health issues;
5. Identify scientific, cultural, political and ethical practices and decisions that may have adverse effects on at-risk human populations or the sensitive ecosystems on each geographical scale;
6. Decide between alternatives, or strategies, to minimize or alleviate adverse environmental impacts;
7. Interpret published environmental health research findings; and
8. Engage in environmental leadership activities at the community level



**College of Public Health - Program Curriculum Checksheet**

**Name:** \_\_\_\_\_ **Dept:** **EOH**  
**Advisor:** \_\_\_\_\_ **Degree:** **MPH**  
**Semester/Year Accepted:** \_\_\_\_\_ **Concentration:** **Environmental Health**

Any grade below a C (C- to F) is required to be retaken. The grade will be included in the student's GPA.

<b>Prerequisites</b> (not included in total GPA hours)			<b>Total Needed</b>	<b>6</b>	Grade	Sem/Yr Taken
PHC	4101	Introduction to Public Health	3			
HSC	4551	Survey of Human Diseases	3			
<b>College Core Courses</b>			<b>Total Needed</b>	<b>15</b>		
PHC	6000	Epidemiology	3			
PHC	6050	Biostatistics I	3			
PHC	6102	Principles of Health Policy and Management	3			
PHC	6357	Environmental and Occupational Health	3			
PHC	6410	Social and Behavioral Sciences Applied to Health	3			
<b>Required Concentration Courses</b>			<b>Total Needed</b>	<b>16</b>		
PHC	6301	Water Pollution and Treatment	3			
PHC	6310	Environmental and Occupational Toxicology	3			
PHC	6303	Community Air Pollution	3			
PHC	6512	Vectors of Human Disease	3			
PHC	6305	Environmental Analytical Lab	3			
PHC	6930	Public Health Seminar	1			
<b>Approved Elective Courses</b>			<b>Total Needed</b>	<b>6</b>		
<b>Culminating Experiences</b>						
PHC	6945	Supervised Field Experience ( 2-12 credits)				
PHC	6977	Special Project	3			
PHC	6936	Public Health Capstone Course	3			
<b>Minimum 43 credit hours (not including field experience)</b>			<b>Total GPA Hours</b>			<b>GPA</b>
			<b>Total Hours Attempted</b>			