

University of South Florida, College of Public Health  
Department of Environmental & Occupational Health

**MSPH: Environmental Health**

Students in the MSPH program in Environmental Health receive an education with more focus in the technical sciences and public health sciences, and with an emphasis on the protection and improvement of our environmental and public health. Development of research skills is an important aspect of this program. Students enrolled in the MSPH 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 MSPH students to complete an advanced degree is to become an environmental scientist or manager; increased competence as an environmental scientist or manager; or as a prelude to either a medical training or a doctoral program.

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

1. Define an environmental health research hypothesis in the context of the interrelationship of human activities and environmental and public health;
2. Develop laboratory and field sampling and analyses skills, and data analyses and interpretation skills, to answer a research hypothesis;
3. Describe through quality assurance/quality control techniques and statistical methods the validity and significance of research results;
4. Communicate orally and in writing research implications, methods, results, and conclusions, demonstrated through the preparation and defense of a thesis;
5. Interpret published environmental health research findings; and
6. Demonstrate the appropriate research ethics in laboratory practice, data management, and publication of result.



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

**Name:** \_\_\_\_\_ **Dept:** **EOH**  
**Advisor:** \_\_\_\_\_ **Degree:** **MSPH**  
**Semester/Year Accepted:** \_\_\_\_\_ **Concentration:** **Environmental & Occupational 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 Disease		3		
<b>College Core Courses</b>			<b>Total Needed</b>	<b>9</b>		
PHC	6000	Epidemiology		3		
PHC	6050	Biostatistics I		3		
		Select one from the following				
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>18</b>		
PHC	6301	Water Pollution and Treatment		3		
PHC	6310	Environmental Occupational Toxicology		3		
PHC	6303	Community Air Pollution		3		
PHC	6512	Vectors of Human Disease		3		
PHC	6356	Industrial Hygiene (or approved course)		2		
PHC	6051	Biostatistics II		3		
PHC	6930	Public Health Seminar		1		
<b>Electives</b> (Must be related to Environmental Health)			<b>Total Needed</b>	<b>9</b>		
<b>Culminating Experiences</b>			<b>Total Needed</b>	<b>6</b>		
PHC	6971	Thesis		6		
		Comprehensive Exam (2 credit hour enrollment required)		0		
<b>Minimum 42 credit hours</b>			<b>Total GPA Hours</b>			<b>GPA</b>
			<b>Total Hours Attempted</b>			