

# Coordinated Ph.D. Civil Engineering/Master of Public Health

The coordinated Public Health/Civil Engineering degree program is offered through the UAB School of Public Health (SOPH) and the UAB School of Engineering (SOE). Earning these two advanced degrees provides students with a foundation for positions in research, government, as well as private industry.

## Curriculum

For students entering with an MSCE degree, a total of 81-83 credit hours of coursework are required for the coordinated PhD/MPH. Normally, 42-44 credit hours are required for the MPH; however, because of the coordinated nature of the degree 12 credit hours from the PhD curriculum are credited to the MPH. This allows students to earn both degrees in reduced time and at reduced cost. The PhD program requires 27 credit hours of coursework beyond the master's degree, plus a minimum of 24 credit hours of dissertation research.

For students entering without an MSCE degree, a total of 90-92 credit hours of coursework are required for the coordinated PhD/MPH. Twelve credit hours from the MPH degree are used to meet PhD program requirements. The PhD program requires 48 credit hours of coursework beyond the master's degree, plus a minimum of 24 credit hours of dissertation research.

Students may complete the MPH portion of this coordinated degree program totally online, in-class or through a mix of online and in-class experiences. Online students pay less than the out-of-state tuition rate for the MPH portion of this coordinated degree.

Requirements	Hours
<b>MPH Core Requirements: 14 hours</b>	
PUH 601 This is Public Health	1
PUH 602 Community Assessment	3
PUH 603 Quantitative Methods in Public Health	3
PUH 604 Programs and Policies	3
PUH 605 Public Health Management and Evaluation	3
PUH 606 Leadership for Evidence-Based Public Health	1
<b>MPH Degree Requirement: (1 hour)</b>	
ENH 690 Environmental Health Perspectives	1
<b>Population Health Degree Requirement: (3 hours)</b>	
PUH 610 Population Health	3
<b>Recommended Environmental Health Sciences Courses: (at least 7 hours required)</b>	
ENH 650 Essentials of Environmental and Occupational Toxicology and Diseases	3
ENH 612 Assessing & Managing Environmental Risks	3
Any MPH Elective	1-3
<b>Applied Practice Experience: (3 hours)</b>	
PUH 688 Public Health Internship	3
<b>Integrative Learning Experience: (2 hours)</b>	
HB 689 Health Behavior Integrative Learning Experience	2
or ENH 689 Environmental Health Sciences Integrative Learning Experience	
or EPI 689 Epidemiology Integrative Learning Experience	

or HB 689	Health Behavior Integrative Learning Experience
or HPO 689	HPO Integrative Learning Experience
<b>Total SOPH Hours: (at least 30 hours are required)</b>	
<b>Shared Hours from PhD in Civil Engineering Curriculum: (12 hours)</b>	
CE 580	Introduction to Water and Wastewater Treatment
CE 530	Water Supply/Drainage Design
CE 608	Green Building Design
CE 685	Engineering Hydrology
<b>Total Hours Earned for MPH Degree</b>	
<b>Total Hours Completed for PhD in Civil Engineering/MPH Degree</b>	
	90