

MPH ENVIRONMENTAL HEALTH 48-Credit CONCENTRATION

I. Public Health Core: 16 credits		Credits	*Semester Offered
PHC 6050	Statistical Methods for Health Sciences I	3	F
PHC 6001	Principles of Epidemiology	3	F
PHC 6313	Environmental Health Concepts in Public Health	3	S
PHC 6102	Introduction to Public Health Administrative Systems	3	S
PHC 6406	Psychological, Behavioral, and Social Issues in Public Health	3	F
PHC 6XXX	Seminar in Contemporary Public Health Issues	1	F,S
II. Concentration Core: 12 credits			
VME 6602	General Toxicology	3	F
VME 6607	Human Health Risk Assessment	4	F
PHC 6XXX	Exposure Assessment	3	
PHC 6XXX	Risk Communication	2	ss?
III. Concentration Core: 6 credits select 2 of 4 courses			
ENV 5105	Foundation of Air Pollution	3	S
EES 5245	Water Quality Analysis	3	S
FOS 5205	Current Issues in Food Safety & Sanitation (on-line and on campus)	3	F
SOS 5XXX	Soils and Public Health	3	S
IV. Concentration Core: 3 credits: select 1 of 2 courses			
VME 6605	Toxic Substances (online-Summer C)(pre-req. VME 6602)	3	ss
VME 6603	Advanced Toxicology (pre-req VME 6602)	3	S-Even
V. Concentration Electives: 2-3 credits			
VME 6934	Ecological Toxicology and Risk Assessment	3	S-Even
EES 6405	Environmental Toxicology	3	S
PHA 5531	Neurotoxicology	2	
GMS 7593	Functional Genomic Applications in Pharmacology and Toxicology	3	
PHA 6425	Drug Biotransformation and Molecular Mechanisms of Toxicity	3	F
ALS 5106	Food and the Environment (on-line alternate years)	3	Even
ABE 5707C	Agricultural Waste Management	3	F
FOS 5732	Current Issues in Food Regulations	3	S
ABE 5815C	Food and Bioprocess Engineering Design	3	F
ANG 5467	Culture and Nutrition	3	S
ANG 5930	Health, Contamination and Culture	3	F
PHC 6000	Epidemiological Methods I	3	F
EES 5207	Environmental Chemistry	3	F
EES 5107	Ecological and Biological Systems	3	
EES 5307	Ecological Engineering	3	
EES 5415	Environmental Health	3	F
INR 6352	International Environmental Relations	3	
LAW 6936	Environmental Justice Issues Seminar	2	
URB 6421	Environmental Impact Statements	3	F
STA 5823	Stochastic Process Methods (<i>prereq: STA 4321 or 5325</i>)	3	F
STA 5325	Introduction to Probability (<i>prereq: MAC 2313 or equivalent</i>)	3	F, S, ss
STA 5XXX	Regression Analysis	3	
VI. Public Health Elective: 3 credits			
PHC XXXX	Public health concentration coursework offered by the other tracks	3	
PHC 6917	Supervised Research (<i>Prereq: consent of the instructor</i>)	1-3	

PHC 6945	Public Health Practicum (<i>Prereq: approval of practicum site and consent of instructor</i>)	1-3	
----------	---	-----	--

VII. Special Project: 5-8 credits			
PHC 6912 or 6946	Research or Internship	5-8	

***F=Fall; S=Spring; ss=Summer**

****Class schedules are subject to change each semester. Students should verify course offerings and contact appropriate department for permission to register prior to registration.**