

School of Public Health

3-Year Course Matrix (2011-2014)

Updated 2/28/2012

COURSE NUMBER		PREVIOUS NUMBER	COURSE TITLE	FALL 2011	SPRING 2012	SUMMER 2012	FALL 2012	SPRING 2013	SUMMER 2013	FALL 2013	SPRING 2014	SUMMER 2014
BEHAVIORAL & COMMUNITY HEALTH (BACH)												
BACH	5000	NA	MPH Comprehensive Exam	X	X		X	X		X	X	
BACH	5300	5115	Theoretical Foundations of Indiv. & Comm. Health	X	X	X	X	X	X	X	X	X
BACH	5310	5410	Community Assessment		X		X	X		X	X	
BACH	5312	5411	Community Program Planning	X	X		X	X		X	X	
BACH	5314	5350	Social & Behavioral Research Methods	X	X		X			X		
BACH	5316	5415	Community Program Evaluation and Interventions		X		X	X		X	X	
BACH	5319	NA	Tobacco Control and Prevention							X		
BACH	5321	NA	Injury and Violence Prevention					X			X	
BACH	5324	5215	Introduction to Health Disparities					X				
BACH	5325	5125	Maternal and Child Health		X			X			X	
BACH	5328	5500	Introduction to Global Health			X			X			X
BACH	5330	5430	Health Communication Strategies in Public Health	X					X			X
BACH	5331	NA	Human Sexuality and Health					X			X	
BACH	5335	NA	Issues in Mental Health and Mental Illness				X					
BACH	5391	NA	Topics in Community Health	TBD								
BACH	6300	6100	Social & Behavioral Theories & Health Applications		X			X			X	
BACH	6310	6170	Qualitative Research Methods		X			X			X	
BACH	6312	6400	Research Methods in Social & Behavioral Sciences	TBD								
BACH	6315	NA	Obesity Prevention: A Biopsychosocial Approach				X			X		
BACH	6317	NA	Addictive Behaviors				X					
BACH	6319	NA	HIV/AIDS						X			
BACH	6322	6340	Motivational Interviewing in Public Health Settings							X		
BACH	6324	6360	Public Health & Aging				X			X		
BACH	6326	6415	Society & Health				X					
BACH	6391	NA	Advanced Topics in Social & Behavioral Sciences	TBD								
BACH	6394	6220	Advanced Topics in Culture, Race, Ethnicity, & Health			X						
BIostatISTICS (BIOS)												
BIOS	5000	NA	MPH Comprehensive Exam	X	X		X	X		X	X	
BIOS	5300	5210	Biostatistics for Public Health 1	X	X	X	X	X	X	X	X	X
BIOS	5310	5215	Biostatistics for Public Health 2		X	X		X	X		X	X
BIOS	5312	5730	Regression Analysis	X			X			X		
BIOS	5314	5740	Introduction to Statistical Packages		X			X			X	
BIOS	5316	5725	Nonparametric Statistical Methods				X					
BIOS	5320	5735	Analysis of Variance		X			X			X	
BIOS	5324	5760	Data Management	X						X		
BIOS	6300	6100	Applied Statistical Methods for Data Analysis	X			X			X		
BIOS	6310	6700	Probability & Statistical Inference					X				
BIOS	6391	NA	Topics in Biostatistics: Linear Models		X						X	
BIOS	6312	6720	Applied Methods of Survey Sampling					X				
BIOS	6314	6750	Applied Categorical Data Analysis		X						X	
BIOS	6318	6775	Clinical Trials & Survival Analysis		X			X			X	

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BIOS	6320	6785	Biostatistical Research & Consulting		X			X			X	
BIOS	6391	6795	Topics in Biostatistics	X	X		X	X		X	X	
Environmental and Occupational Health Sciences (EOHS)												
EOHS	5000	NA	MPH Comprehensive Exam	X	X		X	X		X	X	
EOHS	5300	5300	Environmental Health	X	X	X	X	X	X	X	X	X
EOHS	5310	5380	Eval. & Control of Biological Agents & Infect. Dis.	X			X			X		
EOHS	5312	5340	Food Quality & Safety	X			X			X		
EOHS	5320	5420	TX-Mexico Border Health Issues		X			X			X	
EOHS	5322	5311	Air Pollution & Health	TBD								
EOHS	5324	NA	Water & Public Health: Global to Regional Perspectives		X			X			X	
EOHS	5330	5345	Recognition, Evaluation, & Control of Envir. Hazards		X			X			X	
EOHS	5331	NA	Envir. & Occupational Sampling & Analysis Meth.	X			X			X		
EOHS	5334	5350	Occupational Diseases & Health Practice	TBD								
EOHS	5340	5310	Exposure & Risk Assessment	X			X			X		
EOHS	5342	5500	Biomarkers in Environmental Epidemiology	TBD								
EOHS	5350	5330	Environmental & Occupational Toxicology		X			X			X	
EOHS	5360	5410	Environmental Data Analysis	TBD								
EOHS	5362	NA	Geographic Information Systems (GIS) and Health	X			X			X		
EOHS	5370	NA	Policy, Science, & Decisions	TBD								
EOHS	5391	NA	Special Topics in EOHS	<i>As needed.</i>								
EOHS	6300	6100	Environmental Health Determinants	X			X			X		
EOHS	6324	5550	Genomics & Public Health		X			X			X	
EOHS	6348	6600	Spatiotemporal Environmental Health Modeling	TBD								
EOHS	6391	NA	Advanced Topics in EOHS	X	X		X	X		X	X	
EPIDEMIOLOGY (EPID)												
EPID	5000	NA	MPH Comprehensive Exam	X	X		X	X		X	X	
EPID	5300	5100	Principles of Epidemiology	X	X	X	X	X	X	X	X	X
EPID	5310	5110	Intermediate Epidemiology		X			X				X
EPID	5312	5300	Survey Methodology	X			X			X		
EPID	5313	NA	Database Management and SAS Programming	X			X			X		
EPID	5314	5400	Applied Data Analysis in Epidemiology	X			X			X		
EPID	5318	5610	Chronic Disease Epidemiology		X			X			X	
EPID	5320	5630	Infectious Disease Epidemiology	X			X			X		
EPID	5391	5390	Special Topics in Epidemiology	<i>As needed</i>								
EPID	6300	6110	Intermediate Epidemiology for Public Health Practice		X			X			X	
EPID	6310	6100	Advanced Methods in Epidemiology 1		X		X			X		
EPID	6312	6101	Advanced Methods in Epidemiology 2			X		X			X	
EPID	6314	6200	Experimental Methods in Epidemiology		X			X				
EPID	6316	6300	Molecular Epidemiology	X			X			X		
EPID	6318	6615	Epidemiologic Surveillance			X			X			X
EPID	6320	6635	Social Epidemiology	TBD								
EPID	6322	6650	Nutritional Epidemiology	TBD								

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EPID	6324	6670	Cancer Epidemiology			X			X			X
EPID	6326	6690	Occupational Epidemiology	X			X			X		
EPID	6328		Secondary Data Analysis		X			X			X	
EPID	6391		Advanced Topics in Epidemiology	<i>As needed</i>								
HEALTH MANAGEMENT & POLICY (HMAP)												
HMAP	5000	NA	MPH Comprehensive Exam	X	X		X	X		X	X	
HMAP	5160	5230	Ethical, Legal & Social Iss. Resp. Conduct of Clinical Res.		X			X			X	
HMAP	5262	5235	Biomedical Aspects of Health Disparities	X			X			X		
HMAP	5300	5210	Introduction to Health Management & Policy	X	X	X	X	X	X	X	X	X
HMAP	5302	5850	Master of Healthcare Administration Capstone		X			X			X	
HMAP	5312	5240	Health Politics & Policy	X			X			X		
HMAP	5318		Seminar in Healthcare Management		X			X			X	
HMAP	5320	5270	Health Services Management	X			X			X		
HMAP	5321	5260	Health Information Systems	X			X			X		
HMAP	5322	5242	Health Care Operations Management		X			X			X	
HMAP	5324	5272	Strategic Management & Marketing	X			X			X		
HMAP	5326	5450	Public Health Program Planning & Evaluation		X			X			X	
HMAP	5328	5600	Human Resources Management		X			X			X	
HMAP	5330	5255	Health Finance 1	X			X			X		
HMAP	5332	5256	Health Finance 2		X			X			X	
HMAP	5340	5430	Public Health Law		X			X			X	
HMAP	5350	5245	Health Economics		X			X			X	
HMAP	5391	NA	Topics in Health Management & Policy	<i>As needed</i>								
HMAP	5394	5397	Master of Health Administration Internship			X			X			X
HMAP	6320	6145	Leadership for Public Health			X			X			X
HMAP	6360	6140	Ethical Issues in Public Health			X			X			X
HMAP	6300	6100	Health Care Systems		X			X			X	
HMAP	6310	6350	Advanced Health Policy	X			X					
HMAP	6322	6200	Organizational Management	X			X					
HMAP	6224		Healthcare Management and Quality Improvement		X			X				
HMAP	6330	6215	Health Insurance & Managed Care	X			X			X		
HMAP	6340	6430	Health Care Law	X			X					
HMAP	6350	6220	Advanced Health Economics		X			X			X	
HMAP	6380	6210	Health Services Research 1	X			X			X		
HMAP	6382	6211	Health Services Research 2		X			X			X	
HMAP	6391	NA	Advanced Topics in Health Management & Policy	<i>As needed</i>								
PUBLIC HEALTH EDUCATION (PHED)												
PHED	5391	NA	Topics for Public Health	TBD								
PHED	6118	NA	Seminar/Grand Rounds in Public Health Research	X	X			X			X	
PHED	6122	NA	Professional Development in Public Health Practice 1	X			X			X		
PHED	6124	NA	Professional Development in Public Health Practice 2		X			X			X	
PHED	6220	NA	Scientific and Grant Writing		X			X			X	

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PHED	6321	NA	Pedagogy: The Art of Science and Teaching	X			X			X		
PHED	6310	NA	Public Health Research Methods	X			X					
PHED	6314	NA	Methods for Public Health Studies	X			X					
PHED	6316	NA	Advanced Program Design & Eval. for PH Practice	X			X			X		
PHED	6391	NA	Advanced Topics in Public Health	TBD								
PHED	6397	NA	Doctor in Public Health Residency	X	X	X	X	X	X	X	X	X

LEGEND

Orange	Required Course; this course (or an equivalent course) will be offered by the school during the specified semester
White	Elective Course; every effort will be made by the department to offer the course when indicated on the course matrix
Green	Required or Elective Course; next offering of course is "To Be Determined" by the department