

MPH Required "Core" Courses (16 credit hours)

Course #	Title	Hrs	iSIS Taught			Other
STAT 702	Statistical Methods for Social Sciences OR	3	F 09	Sp 10		
STAT 703	Statistical Methods for Natural Scientists	3	F 09	Sp 10	Summer	online
DMP 806	Environmental Toxicology	2		Sp 10		online 2010
DMP 708	Principles and Methods of Epidemiology	2		Sp 10		
DMP 854	Disease Epidemiology (Prerequisite: DMP 708)	3	F 09			
HMD 720	Administration of Health Care Organizations	3			Summer	online
KIN 818	Social and Behavioral Basis of Public Health	3		Sp 10		online 2010

MPH Required and Elective Courses for Emphasis Areas

In addition to the above core courses, MPH students must select their remaining courses appropriate to their emphasis area from the following, or other graduate courses as approved by the major professor, supervisory committee and the MPH Program director.

Course #	Title	Hrs	iSIS Taught			Other
Department of Animal Sciences and Industry						
ASI 540	Principles of Animal Disease Control	3	F 09	Sp 10		online
Division of Biology						
BIOL 529	Fundamentals of Ecology	3	F 09	Sp 10		
BIOL 545	Human Parasitology	3		Sp 10		
BIOL 546	Human Parasitology Lab	1		Sp 10		
BIOL 609	Cellular and Molecular Biology of Human Diseases	3				Ck w/Dept
BIOL 625	Animal Parasitology	4				Ck w/Dept
BIOL 670	Immunology	4		Sp 10		
BIOL 671	Immunology Lab	2		Sp 10		
BIOL 687	Microbial Ecology	3				Ck w/Dept
BIOL 730	General Virology	3		Sp 10		
BIOL 731	Virology Lab	2				Ck w/Dept
BIOL 805	Advanced Mycology	3				Ck w/Dept
Department of Diagnostic Medicine and Pathobiology						
DMP 705	Principles of Veterinary Immunology (1st yr Vet Curriculum)	3		Sp 10		
DMP 712	Veterinary Bacteriology and Mycology (2nd yr Vet Curriculum)	4	F 09			
DMP 718	Veterinary Parasitology (2nd yr Vet Curriculum)	5	F 09			
DMP 722	Veterinary Virology (2nd yr Vet Curriculum)	3		Sp 10		
DMP 753	Veterinary Public Health (3rd yr Vet Curriculum)	3		Sp 10		
DMP 770	Fundamental Concepts in Emerging Pathogenic Diseases	3				Aug Interession -- online 2010
DMP 801	Toxicology	3	F 09	Sp 10		
DMP 809	Problems in Toxicology	1-3	F 09	Sp 10	Summer	
DMP 815	Multidisciplinary Thought and Writing	3	F 09	Sp 10		
DMP 816	Trade and Agricultural Health	2		Sp 10		online
DMP 830	Quantitative Analysis	3	F 09			
DMP 849	Pathologic Technique and Diagnosis	1-3	F 09	Sp 10		
DMP 850	Domestic Animal Immunology	3	F 09			online
DMP 860	Pathogenic Mechanisms	3	F 09			
DMP 870	Seminar in Pathobiology (MS)	1	F 09	Sp 10	Summer	

Course #	Title	Hrs	iSIS Taught			Other
DMP 871	Molecular Diagnostics of Infectious Diseases	3	F 09	Sp 10		
DMP 880	Problems in Pathobiology (MS)	1-3	F 09	Sp 10	Summer	
DMP 954	Advanced Epidemiology	3		Sp 10		
<u>Food Science Institute</u>						
FDSCI 501	Food Chemistry (required for emphasis)	3				online
FDSCI 607	Food Microbiology (required for emphasis)	4	F 09			
FDSCI 690	Principles of HACCP (required for emphasis)	2	F 09			online
FDSCI 695	Quality Assurance of Food Products	3	F 09			online
FDSCI 713	Rapid Methods and Automation in Microbiology (required for emphasis)	2				Sp 10 Interession
FDSCI 727	Chemical Methods of Food Analysis	2	F 09			
FDSCI 728	Physical Methods of Food Analysis	2				Ck w/Dept
FDSCI 730	Multidisc Overview Food Safety and Security (required for emphasis)	2	F 09		Summer	online
FDSCI 791	Advanced Application of HACCP Principles	2		Sp 10		
FDSCI 815	Advanced Food Chemistry	3	F 09			online
FDSCI 915	Food Toxicology	2		Sp 10		
<u>Department of Geography</u>						
GEOG 508	Geographic Information Systems I	3	F 09	Sp 10		
GEOG 708	Geographic Information Systems II	3		Sp 10		
<u>Department of Human Nutrition</u>						
HN 600	Public Health Nutrition (required for emphasis)	3	F 09			online
HN 635	Nutrition and Exercise	3	F 09			online
HN 718	Physical Health and Aging	3	F 09			online
HN 735	Advanced Energy Balance	3		Sp 10		
HN 780	Problems in Human Nutrition	1-2	F 09	Sp 10	Summer	
HN 782	Topics in Human Nutrition	3	F 09			on demand
HN 844	Nutritional Epidemiology (required for emphasis)	3				on demand
HN 880	Graduate Seminar in Human Nutrition (required for emphasis)	1	F 09			
HN 995	Grantsmanship and Publication	3				Ck w/Dept
<u>Department of Kinesiology</u>						
KIN 600	Psychology of Physical Activity	3		Sp 10		
KIN 601	Cardiorespiratory Exercise Physiology	3		Sp 10		
KIN 602	Gender issues in Sport and Exercise	3				on demand
KIN 603	Cardiovascular Exercise Physiology	3	F 09			
KIN 604	Exercise and Mental Health	3				on demand
KIN 605	Topics in the Biological Basis of Kinesiology	3	F 09	Sp 10		on demand
KIN 606	Topics in the Behavioral Basis of Kinesiology	3	F 09	Sp 10		on demand
KIN 607	Topics: Muscle Exercise Physiology	3				Ck w/Dept
KIN 608	Body Image, Eating Disorders & Obesity	3			Summer	
KIN 609	Environmental Physiology	3				Ck w/Dept
KIN 610	Health Promotion Program Planning and Evaluation (required for emphasis)	3	F 09			
KIN 612	Built Environment and Physical Activity	3	F 09	Sp 10	Summer	
KIN 625	Exercise Testing and Prescription	3	F 09	Sp 10		
KIN 635	Nutrition and Exercise	3	F 09			
KIN 655	Fitness Promotion	3	F 09			
KIN 657	Therapeutic Use of Exercise in the Treatment of Disease	3				Ck w/Dept

Course #	Title	Hrs	iSIS Taught			Other
KIN 796	Topics in Exercise Physiology	3				on demand
KIN 797	Topics in Public Health Physical Activity Behavior	3		Sp 10		
KIN 800	Advanced Physiology of Exercise (required for emphasis)	3	F 09			
KIN 805	Physical Activity and Human Behavior (required for emphasis)	3		Sp 10		
KIN 808	Social Epidemiology of Physical Activity	3				Ck w/Dept
KIN 830	Public Health Physical Activity (required for emphasis)	3	F 09			
<u>Department of Psychology</u>						
PSYCH 510	Introduction of Behavior Modification	3		Sp 10		
PSYCH 816	Psychology of Health	3	F 09			
<u>Department of Sociology, Anthropology and Social Work</u>						
SOCIO 541	Wealth, Power and Privilege	3	F 09	Sp 10		
SOCIO 570	Race and Ethnic Relations in the USA	3	F 09	Sp 10		
<u>Department of Statistics</u>						
STAT 704	Analysis of Variance	2	F 09	Sp 10	Summer	online
STAT 705	Regression and Correlation Analysis	2	F 09	Sp 10	Summer	online
STAT 710	Sample Survey Methods	2				Ck w/Dept
STAT 716	Nonparametric Statistics	2	F 09			
STAT 717	Categorical Data Analysis	3		Sp 10		
STAT 720	Design of Experiments	3		Sp 10	Summer	
STAT 730	Multivariate Statistical Methods	3	F 09	Sp 10		online
STAT 735	Statistics in Health Related Industries	2				Ck w/Dept
Capstone Experience -- Field Experience Credit						
DMP 840	Public Health Field Experience	3-6	F 09	Sp 10	Summer	
FDSCI 840	Public Health Field Experience	3-6	F 09	Sp 10	Summer	
HN 840	Public Health Field Experience	3-6	F 09	Sp 10	Summer	
KIN 840	Public Health Field Experience	3-6				Ck w/Dept