

MPH Course Availability

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CORE / REQUIRED	COURSE #	COURSE NAME	HRS	FALL	SPRING	SUMMER
	AGEC 710	Comparative Food and Agriculture Systems	3		On-line	On-line
	AGEC 805	Agricultural Marketing	3		In-Class	On-line
	AGEC 810	Price, Income, and Trade Policies in Agriculture	3	In-Class		
	ASI 540	Principles of Animal Disease Control	3	On-line	In-Class	
	BIOL 529	Fundamentals of Ecology	3	In-Class	In-Class	
	BIOL 530	Pathogenic Microbiology	3	In-Class		
	BIOL 545	Human Parasitology	3		In-Class	
	BIOL 546	Human Parasitology Lab	1		In-Class	
	BIOL 604	Biology of Fungi	3	In-Class		
	BIOL 670	Immunology	4		In-Class	
	BIOL 671	Immunology Lab	2		In-Class	
	BIOL 675	Genetics of Microorganisms	3	In-Class		
	BIOL 687	Microbial Ecology (odd years)	3		In-Class	
	BIOL 730	General Virology	3		In-Class	
	DMP 705	Principles of Veterinary Immunology (1st yr CVM)	3		In-Class	
Core	DMP 708	Principles and Methods of Epidemiology (1st yr CVM)	2		In-Class	
	DMP 712	Veterinary Bacteriology (2nd yr CVM) (lecture only)	3 or 4	In-Class		
	DMP 718	Veterinary Parasitology (2nd yr CVM - DVM students only)	4	In-Class		
	DMP 722	Veterinary Virology (2nd yr CVM - DVM students only)	3		In-Class	
	DMP 753	Veterinary Public Health (DVM students only)	2		In-Class	
Core	DMP 754	Introduction to Epidemiology	3	On-line		
	DMP 770	Fundamental Concepts in Emerging Pathogenic Diseases	3			In-Class
	DMP 801	Toxicology (3rd yr CVM)	2	In-Class	In-Class	
Core	DMP 806	Environmental Toxicology (only 12 in class, others on-line)	2		Both	
	DMP 815	Multidisciplinary Thought and Writing	3	In-Class	In-Class	
	DMP 816	Trade and Agricultural Health	2		On-line	
	DMP 830	Quantitative Analysis	3	In-Class		
	DMP 840	Public Health Field Experience	3 or 6	Practice	Practice	Practice
	DMP 844	Global Health Issues	3	On-line	In-Class May Intersession	
	DMP 845	Food Safety Risk Analysis	3		On-line	
	DMP 850	Domestic Animal Immunology	3	In-Class		
Core or Elec	DMP 854	Disease Epidemiology (Prerequisite: DMP 708)	3		In-Class	
	DMP 855	Disease Detection, Surveillance, and Risk Assessment	3	In-Class		
	DMP 860	Pathogenic Mechanisms (even years)	3	In-Class		
	DMP 871	Molecular Diagnostics of Infectious Diseases (odd years)	3	In-Class		
	DMP 880	Problems in Pathobiology: Scholarship in a Busy Age (must enroll through DCE)	2	On-line	On-line	On-line
	DMP 888	Globalization, Cooperation, and Food Trade	1	On-line	On-line	
	DMP 899	Master's Research/Thesis	6	Research	Research	Research
	DMP 954	Advanced Epidemiology	4	In-Class		
	EMTOM 849	Biology of Disease Vectors	3	In-Class		
	FDSCI 501	Food Chemistry	3	On-line	Both	
	FDSCI 600	Microbiology of Food (on-line version of FDSCI 607)	2	On-line	On-line	On-line
	FDSCI 607	Food Microbiology	4	In-Class		
	FDSCI 690	Principles of HACCP	2	On-line	On-line	

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	FDSCI 695	Quality Assurance of Food Products	3	In-Class		
	FDSCI 727	Chemical Methods of Food Analysis	2	In-Class		
	FDSCI 728	Physical Methods of Food Analysis	2	In-Class		
Req FSB	FDSCI 730	Multidisc Overview Food Safety and Security	2	On-line	On-line	On-line
Req FSB	FDSCI 731	Food Protection and Defense	2	On-line	On-line	On-line
	FDSCI 750	Food Toxicants (GPIDEA course taught by Iowa State)	2	On-line		
	FDSCI 751	Food Laws and the Regulatory Process	2			
	FDSCI 753	Risk Assessment for Food, Ag, & Vet Med	3			
	FDSCI 791	Advanced Application of HACCP Principles (odd years)	2		In-Class	
	FDSCI 810	Fermented Foods	2			
	FDSCI 815	Advanced Food Chemistry	3			
	FDSCI 820	Advanced Food Microbiology & Biotechnology	2			
	FDSCI 840	Public Health Field Experience	3 or 6	Practice	Practice	Practice
	FDSCI 899	Master's Research/Thesis	6	Research	Research	Research
	FDSCI 915	Food Toxicology (odd years)	2		In-Class	
	GEOG 508	Geographic Information Systems I	3	In-Class	In-Class	
	GEOG 708	Geographic Information Systems II	3	In-Class		
Core	HMD 720	Administration of Health Care Organizations	3		In-Class 2013	On-line
Req PHN	HN 600	Public Health Nutrition	3	Both		
	HN 620	Nutrient Metabolism	3	Both	On-line	On-line
	HN 631	Clinical Nutrition I	2	Both		
	HN 632	Clinical Nutrition II	3		Both	
	HN 635	Nutrition and Exercise (even years)	3	F2012		
	HN 718	Physical Health and Aging (alternate odd years)	3	On-line		
	HN 726	Nutrition and Wellness (Great Plains Program)	3		On-line	
	HN 735	Advanced Energy Balance	3		Sp 2013	On-line
	HN 780	Problems in Human Nutrition	1-6	Both	Both	Both
	HN 782	Topics in Human Nutrition	3	On demand - ck w/dept		
	HN 800	Nutrition Education and Communication	3	On demand - ck w/dept		
	HN 810	Advanced Macronutrient Metabolism (even years)	5	In-Class		
	HN 812	Advanced Micronutrient Metabolism (odd years)	3		In-Class	
Req PHN	HN 820	Functional Foods for Chronic Disease Prevention (even years)	3	On-line	On-line; Even yrs In-class	
	HN 840	Public Health Field Experience	3 or 6	Practice	Practice	Practice
	HN 841	Consumer Response Evaluation (even years)	3		In-Class	
Req PHN	HN 844	Nutritional Epidemiology (odd years)	3		Sp 2013	
	HN 862	Maternal and Child Nutrition (Great Plains Program)	3			On-Line
Req PHN	HN 880	Graduate Seminar in Human Nutrition	1	In-Class		
	KIN 600	Exercise Psychology	3	In-Class	In-Class	In-Class
	KIN 601	Cardiorespiratory Exercise Physiology	3		In-Class	
	KIN 602	Gender Issues in Sport and Exercise	3	On demand - ck w/dept		
	KIN 603	Cardiovascular Exercise Physiology	3	In-Class	In-Class	In-Class
	KIN 606	Topics in Kinesiology	3	In-Class		
	KIN 607	Muscle Exercise Physiology	3	In-Class		

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CORE / REQUIRED	COURSE #	COURSE NAME	HRS	FALL	SPRING	SUMMER
	KIN 609	Environmental Physiology	3		In-Class	
Req PHPA	KIN 610	Program Planning and Evaluation	3	In-Class	In-Class	In-Class
	KIN 612	Built Environment and Physical Activity	3	In-Class	In-Class	In-Class
	KIN 625	Exercise Testing and Prescription	3	In-Class		
	KIN 635	Nutrition and Exercise (cross-listed with HN 635)	3	In-Class		
	KIN 655	Fitness Promotion	3	In-Class		
	KIN 657	Therapeutic Use of Exercise in the Treatment of Disease	3			In-Class
	KIN 797	Topics in Public Health Physical Activity Behavior (on demand)	3	In-Class		
Req PHPA	KIN 800	Advanced Physiology of Exercise	3	In-Class		
Req PHPA	KIN 805	Physical Activity and Human Behavior	3		In-Class	
	KIN 808	Social Epidemiology of Physical Activity (not taught every year)	3	On demand - ck w/dept		
	KIN 815	Research Methods in Kinesiology	3		In-Class	
Core	KIN 818	Social and Behavioral Basis of Public Health	3		In-Class 2012 On-line 2013	On-line if 25 enroll
Req PHPA	KIN 830	Advanced Public Health Physical Activity	3	In-Class	In-Class	
	KIN 840	Public Health Field Experience	3 or 6	Practice	Practice	Practice
	MC 750	Health Communication Campaigns (alternate years)	3		In-Class	
	MC 760	Risk Communication (alternate years)	3	In-Class		
	PSYCH 518	Introduction to Health Psychology	3	In-Class	In-Class	
	SOCIO 541	Wealth, Power and Privilege	3	In-Class	On-line	
	SOCIO 570	Race and Ethnic Relations in the USA	3	Both	In-Class	
Core	STAT 701	Fundamental Methods of Biostatistics	3	On-line	On-line	On-line
	STAT 704	Analysis of Variance	2	Both	Both	In-Class
	STAT 705	Regression and Correlation Analysis	2	Both	Both	In-Class
	STAT 710	Sample Survey Methods (even years)	2	In-Class		
	STAT 713	Applied Linear Statistical Models	4	In-Class		
	STAT 716	Nonparametric Statistics	2	Both		
	STAT 717	Categorical Data Analysis	3		In-Class	
	STAT 720	Design of Experiments	3		In-Class	
	STAT 725	Introduction to SAS Computing	1	In-Class		
	STAT 730	Multivariate Statistical Methods	3	On-line	Both	On-line