

Public Health Nutrition Core Competencies Course Alignment Matrix

MPH Emphasis Area Core Competencies: Public Health Nutrition (See key below for complete list of course titles.)	Required – 10 hrs				Select 2-3 courses – 5-8 hrs												Select 1-3 courses – Minimum 3 hrs																					
	FNDH 600	FNDH844	FNDH 820	FNDH 880	FNDH 620	FNDH 631	FNDH 632	FNDH 635	FNDH 700	FNDH 718	FNDH 726	FNDH 735	FNDH 780	FNDH 782	FNDH 800	FNDH 810	FNDH 812	FNDH 841	FNDH 862	FNDH 891	FSHS 714	KIN 610	KIN 805	MC 750	MC760	PSYCH 518	SOCIO 541	SOCIO 570	STAT 704	STAT 705	STAT 710	STAT 713	STAT 716	STAT 717	STAT 720	STAT 725	STAT 730	
1. Information literacy of public health nutrition: Demonstrate information literacy through the acquisition of public health nutrition knowledge and skills necessary to locate, understand, and evaluate and use that information efficiently and effectively for public health practice.	P	P	P					R	R	R	R		R	R												R	R	R										
2. Translate research into practice: Translate research into practice through skills in nutrition surveillance, policy, program planning and evaluation, management, information dissemination and oral and written communication.	P	P	P									R	R	R	R			R		R	R	R									R	R			R			
3. Population-based health administration: Utilize advance principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation and administration of population-based food, nutrition and health services.	P	P	P			R	R				R	R	R	R		R	R	R		R	R	R							R	R	R	R	R	R	R	R	R	
4. Integrate knowledge of human nutrition principles: Integrate knowledge of human nutrition principles with epidemiological concepts in order to improve population health and reduce disease risk.	P	P	P	P	R	R	R	R	F	R	R	R	R	R		R	R		R				R															
5. Effective communication: Develop and illustrate effective strategies to communicate public health/nutrition issues to a variety of audiences.	P			P									R	R	R			R					R	R	R													

P=Primary Course; R=Reinforcing Course

Key to Course Titles

Public Health Nutrition Course List					
Course #	Course Title	Course #	Course Title	Course #	Course Title
FNDH 600	Public Health Nutrition (3 hrs)	FNDH 782	Topics in Human Nutrition (3 hrs)	SOCIO 541	Wealth, Power and Privilege (3 hrs)
FNDH 844	Nutritional Epidemiology (3 hrs)	FNDH 800	Nutrition Education and Communication (3 hrs)	SOCIO 570	Race and Ethnic Relations in the USA (3 hrs)
FNDH 820	Functional Foods for Chronic Dis Prevention (3 hrs)	FNDH 810	Advanced Macronutrient Metabolism (5 hrs)	STAT 704	Analysis of Variance (2 hrs)
FNDH 880	Graduate Seminar in Human Nutrition (1 hr)	FNDH 812	Advanced Micronutrient Metabolism (3 hrs)	STAT 705	Regression Correlation Analysis (2 hrs)
FNDH 620	Nutrient Metabolism (3 hrs)	FNDH 841	Consumer Response Evaluation (3 hrs)	STAT 710	Sample Survey Methods (2 hrs)
FNDH 631	Clinical Nutrition I (2 hrs)	FNDH 862	Maternal and Child Nutrition (3 hrs) (GP Prog)	STAT 713	Applied Linear Stat Models (2 hrs)
FNDH 632	Clinical Nutrition II (3 hrs)	FNDH 891	Environ Scanning & Analysis of Current Issues in Dietetics (3 hrs)	STAT 716	Non-parametric Statistics (2 hrs)
FNDH 635	Nutrition and Exercise (3 hrs)	FSHS 714	Program Design, Evaluation and Implementation (3 hrs)	STAT 717	Categorical Data Analysis (3 hrs)
FNDH 700	Global Health and Nutrition (e hrs)	KIN 610	Program Planning and Evaluation (3 hrs)	STAT 720	Design Experiments (3 hrs)
FNDH 718	Public Health and Aging (3 hrs)	KIN 805	Physical Activity and Human Behavior (3 hrs)	STAT 725	Intro to SAS Computing (1 hr)
FNDH 726	Nutrition and Wellness (3 hrs)	MC 750	Strategic Health Communication (3 hrs) (alternate yrs)	STAT 730	Multivariate Statistical Methods (3 hrs)
FNDH 735	Advanced Energy Balance (3 hrs)	MC 760	Communication and Risk (3 hrs) (alternate yrs)		
FNDH 780	Problems in Nutrition (1-6 hrs)	PSYCH 518	Introduction to Health Psychology (3 hrs)		