

Public Health Physical Activity Competencies Course Alignment Matrix

MPH Emphasis Area Core Competencies: Public Health Physical Activity (See key below for list of course titles.)	Required 6 hrs		Select 1 course		Select 1 course		Select 2-4 courses – 5-7 hrs												Select 2-4 courses – 5-7 hrs											
	KIN 800	KIN 830	KIN 610	KIN 805	KIN 612	MC 750	KIN 600	KIN 601	KIN 602	KIN 603	KIN 606	KIN 607	KIN 609	KIN 625	KIN 635	KIN 655	KIN 657	KIN 797	KIN 808	KIN 815	STAT 704	STAT 705	STAT 710	STAT 713	STAT 716	STAT 717	STAT 720	STAT 725	STAT 726	
1. Population health: Develop evidence-based knowledge of the relationship between physical activity and population health.		P					R	R	R	R	R	R	R	R	R		R	R												
2. Social, behavioral and cultural influences: Understand how social, behavioral and cultural factors contribute to participation in physical activity.		P		P					R										R											
3. Theory application: Understand how social and behavioral theory and frameworks are used in programs designed to promote physical activity in community settings.		P	P	R			R									R														
4. Creating and evaluating interventions: Develop skills for creating and evaluating physical activity interventions in diverse community settings.			P													P				R	R	R	R	R	R	R	R	R	R	P
5. Effective communication: Develop the ability to collaboratively communicate with public health officials and other community partners to promote physical activity in community settings.			P		P	P																								
6. Understand exercise physiology and science: Understand exercise physiology and related exercise science.	P																													

P=Primary Course; R=Reinforcing Course

Key to Course Titles

Public Health Nutrition Course List					
Course #	Course Title	Course #	Course Title	Course #	Course Title
KIN 800	Advanced Physiology of Exercise (3 hrs)	KIN 606	Topics in the Behavioral Basis of Kin (3 hrs)	STAT 704	Analysis of Variance (2 hrs)
KIN 830	Public Health Physical Activity (3 hrs)	KIN 607	Topics in Muscle Ex Physio (3 hrs)	STAT 705	Regression and Correlation Analysis (2 hrs)
KIN 610	Program Planning and Evaluation (3 hrs)	KIN 609	Environmental Physiology (3 hrs)	STAT 710	Sample Survey Methods (2 hrs)
KIN 805	Physical Activity and Human Behavior (3 hrs)	KIN 625	Exercise Testing and Prescription (3 hrs)	STAT 713	Applied Linear Stat Methods (2 hrs)
KIN 612	Built Enviro and Physical Activity (3 hrs)	KIN 635	Nutrition and Exercise (3 hrs)	STAT 716	Non-parametric Statistics (2 hrs)
MC 750	Strategic Health Comm (3 hrs) (alt years)	KIN 655	Fitness Promotion (3 hrs)	STAT 717	Categorical Data Analysis (3 hrs)
KIN 600	Psychology of Physical Activity (3 hrs)	KIN 657	Therapeutic Use of Ex Disease (3 hrs)	STAT 720	Design Experiments (3 hrs)
KIN 601	Cardiorespiratory Exercise Physiology (3 hrs)	KIN 797	Topics: PH Physical Act Behavior (3 hrs)	STAT 725	Intro to SAS Computing (1 hr)
KIN 602	Gender Issues in Sport and Exercise (3 hrs)	KIN 808	Social Epi of Physical Activity (3 hrs)	STAT 730	Multivariate Statistics Methods (3 hrs)
KIN 603	Cardiovascular Exercise Physiology (3 hrs)	KIN 815	Research Methods in Kinesiology (3 hrs)		