

**Kinesiology (KIN) MS
2024-2025 Catalog Year
Plan A or Plan B
30 Credits**

Course Information				Course Anticipated/Regular Availability or just Course Availability				
Course Number	Course Name	Credits	Instructor	Fall	Spring	Summer	Notes	
Required Courses - Plan A (19 credits); Plan B (16 credits)								
<input type="checkbox"/>	KIN 6300	Seminar in Human Movement Sciences	1	Studenka	X		Take during first year.	
<input type="checkbox"/>	KIN 6610	Topics in Biomechanics	2	Louder	X			
<input type="checkbox"/>	KIN 6810	Research Methods in Kinesiology	3	Thompson		X		
<input type="checkbox"/>	EDUC 6050	Applied Statistical Analysis	3	van Dijk		X	X	
<input type="checkbox"/>	KIN 6970	Thesis	3	Bressel	X	X	X	
Choose one of the following:								
<input type="checkbox"/>	KIN 6410	Bioenergetics and Exercise Metabolism	2	Wagner	X			
<input type="checkbox"/>	KIN 6480	Advanced Neuromuscular Exercise Physiology	2	Thompson	X			
<input type="checkbox"/>	KIN 6490	Advanced Cardiovascular Exercise Physiology	2	Heath		X	Odd Years	
Choose one of the following:								
<input type="checkbox"/>	KIN 6840	Fundamentals of Motor Behavior	2	Studenka		X		
<input type="checkbox"/>	KIN 6850	Neural Aspects of Rehabilitation	2	Bolton		X		
Elective Courses - Plan A (11 credits); Plan B (14 credits)								
<input type="checkbox"/>	BIOL 4000	Human Dissection	1	Anderson	X		X	May require Instructor Approval
<input type="checkbox"/>	EDUC/PSY 6600	Statistical Foundation	3	Knowles	X	X		Pre-requisites
<input type="checkbox"/>	EDUC/PSY 7610	Regression Analysis	3	Knowles	X	X		Pre-requisites
<input type="checkbox"/>	HEP 5400	Prevention Strategies for Obesity and Disordered Eating	3	Perkins	X	X		Requires Instructor Approval
<input type="checkbox"/>	HEP 6000	Advanced Program Planning and Evaluation for Public Health	3	DasGupta; DuBois		X	X	Requires Instructor Approval
<input type="checkbox"/>	HEP 6800	Health Behavior	3	Waite	X			Requires Instructor Approval
<input type="checkbox"/>	NDFS 5320	Advanced Sports Nutrition	3	Norris	X			May require Instructor Approval
<input type="checkbox"/>	NDFS 6200	Nutrition Epidemiology	3	Duward	X			May require Instructor Approval
<input type="checkbox"/>	NDFS 6210	Advanced Public Health Nutrition	3	Gupta		X		May require Instructor Approval
<input type="checkbox"/>	KIN 5100	Fitness Assessment and Exercise Programs	4	Carey	X	X	X	If previously taken as an undergraduate student or its equivalent, cannot be taken for credit.
<input type="checkbox"/>	KIN 5200	Human Motivation in Physical Activity Contexts	3	Dorsch	X			Odd Years
<input type="checkbox"/>	KIN 6050	Psychological Aspects of Sports Performance	3	Pynn	X			Even Years
<input type="checkbox"/>	KIN 6410	Bioenergetics and Exercise Metabolism	2	Wagner	X			
<input type="checkbox"/>	KIN 6425	Exercise in Extreme Environment	2	Wagner		X		Odd Years
<input type="checkbox"/>	KIN 6440	Body Composition	2	Wagner		X		Even Years
<input type="checkbox"/>	KIN 6460	Exercise Electrocardiogram Interpretation	2	Heath		X		Even Years
<input type="checkbox"/>	KIN 6480	Advanced Neuromuscular Exercise Physiology	2	Thompson	X			
<input type="checkbox"/>	KIN 6490	Advanced Cardiovascular Exercise Physiology	2	Heath		X		Odd Years
<input type="checkbox"/>	KIN 6840	Fundamentals of Motor Behavior	2	Studenka		X		
<input type="checkbox"/>	KIN 6850	Neural Aspects of Rehabilitation	2	Bolton		X		
<input type="checkbox"/>	KIN 6900	Independent Study	1 - 3	Bressel	X	X	X	Requires a agreement/contract with a KHS faculty mentor prior to registration.

Please Note: Students may take courses not listed here to count towards their degree with prior approval from your major professor and committee.