

MS, Kinesiology

2023-2026 Course Offerings

Course	Title	CR	23 FO	24 WO	24 SO	24 RO	24 FO	25 WO	25 SO	25 RO	25 FO	26 WO	26 SO	26 RO	Prerequisites and Restrictions
Required															
KINE 5020	Research Methods in Movement Science	3	X				X				X				
KINE 5040	Graduate Seminar in Movement Science	3		X				X				X			Majors only
KINE 5050	Colloquium	2			X				X				X		
KINE 5150	Neuromechanics	5						X							
KINE 5250	Advanced Exercise Physiology	5							X						
KINE 5350	Physical Activity in Health and Disease	3			X								X		
Choose One															
KINE 5990	Thesis	9	X	X	X		X	X	X		X	X	X		KINE 5020, MKINE 5040; One statistics-based course from electives offerings (CRJS 5070,); Majors only
KINE 5995	Capstone Project	9	X	X	X		X	X	X		X	X	X		KINE5020, KINE 5040; Majors only
Suggested Electives (Students May Choose Electives Outside of these Suggested Electives)															
KINE 5100	Biomechanics and Energetics of Locomotion	5		X								X			See Kinesiology Department
KINE 5200	Clinical Exercise Physiology	5	X												See Kinesiology Department
KINE 5400	Measurement & Evaluation in Sport & Health	5													Applied Data Science Track Required Elective
KINE 5500	Sports Performance Analytics	5													Applied Data Science Track Required Elective
CRJS 5070	Statistical Analysis	4													Taken with CRSJ 5080
CRJS 5080	Statistis Lab	1													Taken with CRSJ 5070
EOLL 6160	Social Inquiry Methods	3	X				X				X				
DATA 5100	Foundations of Data Science	3	X				X				X				
DATA 5120	Data Science, Law, and Ethics	3			X				X				X		DATA 5100
DATA 5300	Applied Statistical Inference & Experimental Deisgn	3	X				X				X				
DATA 5310	Data Visualization	3	X				X				X				DATA 5100
DATA 5321	Statistical Machine Learning I	3		X				X				X			DATA 5100; DATA 5300
Last updated 5-19-23 Subject to change, contact department with questions (206-296-2454)															