

KINESIOLOGY: APPLIED EXERCISE SCIENCE, MS

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (<https://guide.wisc.edu/graduate/#requirements>) and policies (<https://guide.wisc.edu/graduate/#policies>), in addition to the program requirements listed below.

NAMED OPTION REQUIREMENTS MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW–Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirements	Detail
Minimum Credit Requirement	30 credits
Minimum Residence Credit Requirement	16 credits
Minimum Graduate Coursework Requirement	15 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: https://policy.wisc.edu/library/UW-1244 (https://policy.wisc.edu/library/UW-1244/).
Overall Graduate GPA Requirement	3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: https://policy.wisc.edu/library/UW-1203 (https://policy.wisc.edu/library/UW-1203/).
Other Grade Requirements	n/a

Assessments and Examinations	Not required.
Language Requirements	No language requirements.

REQUIRED COURSES

Code	Title	Credits
Core Courses		
KINES 618	Biomechanics	2
KINES 700	Psychological Effects of Exercise	3
KINES 713	Neural Basis of Normal and Pathological Movement	3
KINES 773	Cardiorespiratory Adaptions to Environment and Exercise	3
KINES 774	Metabolic Responses to Exercise and Environmental Stress	2
KINES/ POP HLTH 791	Physical Activity Epidemiology	3
KINES 861	Principles of Motor Control and Learning	3
KINES 950	Professional Skills and Research in Kinesiology	3

Internship and Elective Requirements

In consultation with advisor, student takes 8 credits total of internship and elective courses.	8
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Internship Requirement

KINES 690	Internship in Kinesiology
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Suggested Electives

Student chooses, based on personal interests/goals, from this list or any other course numbered 300 or above to complete 30 credits.

KINES 350	Introduction to Exercise Psychology
KINES 521	Physical Activity and Health
KINES 523	Clinical Exercise Testing and Prescription for Health Professionals
KINES 527	Principles of Strength and Conditioning
KINES 528	Seminar in Strength and Conditioning
KINES 555	Sports Science & Athlete Monitoring
KINES 600	Advanced Exercise Psychology
KINES 614	Biological Factors Influencing Exercise Performance
KINES 721	Neural Basis for Movement
KINES 779	Human Muscle Function in Health and Disease
KINES 900	Seminar in Kinesiology
NUTR SCI/ POP HLTH 621	Introduction to Nutritional Epidemiology
NUTR SCI 625	Advanced Nutrition: Obesity and Diabetes
CURRIC 744	Perspectives in Multicultural Education
GEN BUS 310	Fundamentals of Accounting and Finance for Non-Business Majors

GEN BUS 311 Fundamentals of Management and
Marketing for Non-Business Majors

Total Credits **30**

Sample Schedule

Code	Title	Credits
Fall A (odd years)		
KINES 773	Cardiorespiratory Adaptions to Environment and Exercise	3
KINES 950	Professional Skills and Research in Kinesiology	3
Elective		3
Spring A		
KINES 700	Psychological Effects of Exercise	3
KINES/ POP HLTH 791	Physical Activity Epidemiology	3
KINES 690	Internship in Kinesiology	1-6
Fall B (even years)		
KINES 618	Biomechanics	2
KINES 713	Neural Basis of Normal and Pathological Movement	3
Elective		3
Spring B		
KINES 774	Metabolic Responses to Exercise and Environmental Stress	2
KINES 861	Principles of Motor Control and Learning	3
Total Credits		30