

# KINESIOLOGY: APPLIED EXERCISE SCIENCE, MS

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), 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: <a href="https://policy.wisc.edu/library/UW-1244">https://policy.wisc.edu/library/UW-1244</a> ( <a href="https://policy.wisc.edu/library/UW-1244/">https://policy.wisc.edu/library/UW-1244/</a> ).
Overall Graduate GPA Requirement	3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: <a href="https://policy.wisc.edu/library/UW-1203">https://policy.wisc.edu/library/UW-1203</a> ( <a href="https://policy.wisc.edu/library/UW-1203/">https://policy.wisc.edu/library/UW-1203/</a> ).
Other Grade Requirements	n/a

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

### REQUIRED COURSES

Code	Title	Credits
<b>Fall A (odd years)</b>		
KINES 773	Cardiorespiratory Adaptions to Environment and Exercise	3
KINES 991	Research in Physical Activity-Theory and Design	3
<b>Spring A</b>		
KINES 700	Psychological Effects of Exercise	3
KINES/ POP HLTH 791	Physical Activity Epidemiology	3
<b>Fall B (even years)</b>		
KINES 618	Biomechanics	2
KINES 713	Neural Basis of Normal and Pathological Movement	3
<b>Spring B</b>		
KINES 774	Metabolic Responses to Exercise and Environmental Stress	2
KINES 861	Principles of Motor Control and Learning	3
<b>Suggested Electives<sup>1</sup></b>		<b>8</b>
KINES 350	Introduction to Exercise Psychology	
KINES 521	Physical Activity and Health	
KINES/ NURSING 523	Clinical Exercise Testing & Training	
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 690	Internship in Kinesiology	
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	
<b>Total Credits</b>		<b>30</b>

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<sup>1</sup> Student chooses, based on personal interests/goals, from this list or any other course numbered 300 or above.