

# KINESIOLOGY: BIOMECHANICS, PH.D.

## 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 are able to complete a program with minimal disruptions to careers and other commitments.

**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	51 credits
Minimum Residence Credit Requirement	32 credits
Minimum Graduate Coursework Requirement	26 credits must be graduate-level coursework. Details can be found in the Graduate School's Minimum Graduate Coursework (50%) 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. This program follows the Graduate School's 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	Ph.D. students must: <ol style="list-style-type: none"> <li>1. pass preliminary exams (<a href="http://grad.wisc.edu/acadpolicy/#preliminaryexaminations">http://grad.wisc.edu/acadpolicy/#preliminaryexaminations</a>) administered by a three member faculty committee; and</li> <li>2. successfully propose and defend a dissertation before a five-member committee.</li> </ol>
Language Requirements	No language requirements.
Breadth Requirement	A doctoral minor or graduate/professional certificate is not required due to the broad areas of inquiry within Kinesiology. To ensure the breadth of study requirement is achieved, students are required to complete a minimum of 2 graduate level courses (at least 2 credits each) in Kinesiology, outside of their named option coursework.

### REQUIRED COURSES

Code	Title	Credits
KINES 618	Biomechanics	2
KINES 951	Seminar-Biomechanics	2
KINES 900	Seminar in Kinesiology <sup>1</sup>	4
KINES 990	Research or Thesis	4+
Statistics		3-4 minimum
Examples provided, but courses are chosen in consultation with advisor		
STAT/F&W ECOL/ HORT 571	Statistical Methods for Bioscience I	
STAT 575	Statistical Methods for Spatial Data	
ED PSYCH 760	Statistical Methods Applied to Education I	
ED PSYCH 761	Statistical Methods Applied to Education II	

#### General Field Requirement 4-6

At least 2 graduate level courses of at least 2 credits each in Kinesiology, outside the Biomechanics area. <sup>2</sup>

#### Suggested Electives (chosen in consultation with advisor)

Students take as many electives as needed to reach the total credit minimum.

KINES 614	Biological Factors Influencing Exercise Performance
KINES 721	Neural Basis for Movement
KINES 861	Principles of Motor Control and Learning
KINES 961	Seminar in Motor Control and Learning

#### Total Credits 51

1

All Kinesiology M.S. and Ph.D. students are required to register for KINES 900 Seminar in Kinesiology for 1 credit each semester they are enrolled in the program, for a minimum of 4 credits.

2

Courses within the biomechanics area include KINES 618 Biomechanics and KINES 951 Seminar-Biomechanics