

# KINESIOLOGY: BIOMECHANICS, PHD

## 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	51 credits
Minimum Residence Credit Requirement	32 credits
Minimum Graduate Coursework Requirement	26 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	PhD students must: <ol style="list-style-type: none"> <li>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>successfully propose and defend a dissertation before a five-member committee.</li> </ol>
Language Requirements	No language requirements.
Graduate School 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 two graduate level courses (at least two credits each) in Kinesiology, outside of their named option coursework.

### REQUIRED COURSES

Code	Title	Credits
<b>Core</b>		
KINES 618	Biomechanics	2
KINES 951	Seminar-Biomechanics	2
KINES 900	Seminar in Kinesiology <sup>1</sup>	4
KINES 990	Research or Thesis	4+
KINES 991	Research in Physical Activity-Theory and Design	3
<b>Statistics</b>		<b>3-4 minimum</b>

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 two graduate level courses of at least two credits each in Kinesiology, outside the Biomechanics area. The following courses will not be applied toward meeting the breadth requirement: KINES 699, 900, 990, 991, 999. <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
<b>Total Credits</b>	<b>51</b>

<sup>1</sup> All Kinesiology MS and PhD 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.

<sup>2</sup> Courses within the biomechanics area include KINES 618 Biomechanics and KINES 951 Seminar-Biomechanics