

Course requirements for MS and PhD in Exercise Physiology specialization

Course requirements for MS

<i>Required courses</i>	<i>Credits</i>
PHYSIOL 435, Fundamentals of Human Physiology ¹	5
STAT 571, Statistical Methods for Bioscience I	4
KINES 615, Laboratory Techniques in Exercise Physiology	2
KINES 773, Cardiorespiratory Adaptations to Environment and Exercise	3
KINES 774, Metabolic Responses to Exercise and Environmental Stress	2
KINES 953, Human Biodynamics Seminar	2
KINES 991, Research in Physical Activity - Theory and Design	3
KINES 990, Research or Thesis (minimum)	2
KINES 900, Seminar in Kinesiology (1 cr)	*

* All Kinesiology MS and PhD exercise physiology students are required to register for **Seminar in Kinesiology (KINES 900)** each semester they are enrolled in the program.

¹ Kinesiology students complete special content. Contact physiology-enroll@lists.wisc.edu for consent to enroll in PHYSIOL 435. The Dept of Neuroscience chair's assistant will then connect you with the 435 director for content details, will data-enter your online permission to enroll in 435 and reserve your place, and will notify you by e-mail. Please allow at least a week for the permission process to finalize. Department contacts: <http://www.neuro.wisc.edu/staff.asp>.

Electives (courses selected in consultation with advisor) minimum of 3

Total minimum credits required for graduation (beyond baccalaureate degree) 30

Course requirements for PhD

<i>A. Required courses</i>	<i>Credits</i>
PHYSIOL 435, Fundamentals of Human Physiology ¹	5
KINES 773, Cardiorespiratory Adaptations to Environment and Exercise	3
KINES 774, Metabolic Responses to Exercise and Environmental Stress	2
KINES 991, Research in Physical Activity – Theory and Design	3
<i>Note: the above courses are only required if not taken as part of an MS program</i>	
KINES 900, Seminar in Kinesiology (1 cr)	*
KINES 953, Human Biodynamics Seminar	4
KINES 999, Independent Reading	3

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* All Kinesiology MS and PhD** exercise physiology students must register for **Seminar in Kinesiology (KINES 900)** each semester they are enrolled in the program

** Includes dissertators unless registered for specialization seminar, Kines 953; or unless expressly exempted via advisor request to Grad Studies Committee

- B. *General Field Requirement*
at least 2 graduate level courses of at least 2 credits each in Kinesiology,
at UW-Madison, outside of Exercise Physiology area 4-6
- C. *Electives* (sufficient to meet graduation requirements; chosen in consultation with
advisor)
- D. *Research*
KINES 990, Research or Thesis (dissertation) minimum 8

Minors:

The department has worked with the Graduate School and effective September 2015, Kinesiology PhD students are exempted from the minor requirement based on the following principles: **Disciplines within Kinesiology span the study of cells (e.g. physiology, neuroscience) to behavior (motor control, biomechanics, and exercise psychology) to populations (Exercise Epidemiology). As such, students in our program are exposed to broad areas of inquiry.** Breadth in the Kinesiology program is achieved via the General Field Requirement described above.

PhD students may choose, however, in consultation with their advisor, to pursue a minor. The Graduate School Minor policy is here, <http://grad.wisc.edu/acadpolicy/>, for students wishing to obtain a Minor.

A minimum of **nine credits** of coursework are required for a minor. The Graduate School policy includes two variants of the minor: one including two or more departments (a “distributed” minor); and the other a minor within a single department. NOTE that some departments place limits on the format or content of their minor. If you pursue a single-department minor, we urge you to seek specific guidance *in advance* from the minor-granting department about how to meet any requirements for its minor.

Total minimum credits required for graduation (beyond baccalaureate degree) 51