Course requirements for MS and PhD in Physical Activity Epidemiology specialization

Course requirements for MS

A. *Required courses*	*Credits*
KINES 791, Physical Activity Epidemiology	3
KINES 955, Seminar in Physical Activity Epidemiology	1
KINES 991, Research in Physical Activity-Theory and Design	3
KINES 990, Research or Thesis	*
KINES 900, Seminar in Kinesiology (1 cr)	**

* sufficient to meet graduation requirements, chosen in consultation with major advisor

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

B. Elective Courses: (chosen from list below, or others in consultation with advisor)

PHYSIOL 435, Fundamentals of Human Physiology	5
KINES 521, Physical Activity and Health	3
KINES 600, Advanced Exercise Psychology	3
KINES 614, Biological Factors Influencing Human Performance	3
KINES 700, Psychological Effects of Exercise	3
KINES 773, Cardiorespiratory Adaptations to Environment and Exercise	3
KINES 774, Metabolic Responses to Exercise and Environmental Stress	2
KINES 779, Human Muscle Function in Health and Disease	3
CHEM 341, Introductory Organic Chemistry	3
BMOLCHEM 503, Human Biochemistry	3
STAT 541, Introduction to Biostatistics	3
STAT 642, Statistical Methods for Epidemiology	3
PHS 621, Introduction to Nutritional Epidemiology	1
PHS 750, Cancer Epidemiology	3
PHS 797, Introduction to Epidemiology	3
PHS 798, Epidemiologic Methodology	3
PHS 800, Quantitative Methods in Population Health	3
PHS 802, Advanced Epidemiology: Etiology and Prevention	3

Students will take advanced course work in various areas as described in the program area synopsis. In accordance with Graduate School policy, a minimum of 30 credits is required for the M.S. degree, and a minimum of 51 credits for the Ph.D. Completion of a thesis will be required for the M.S. degree. The curriculum is intended to provide the student with a sound basis in the adaptations to physical activity and exercise as well as the statistical and methodological tools needed to evaluate relationships between physical activity and health outcomes at the population level. There are three required courses in addition to the thesis or dissertation requirement, and the remaining credits can be chosen in consultation with the graduate advisor to meet the degree objectives.

Course requirements for PhD

In addition to the required and elective courses above, Ph.D. candidates must also satisfy the following requirements:

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

*** Includes dissertators unless registered for specialization seminar, Kines 955; or unless expressly exempted via advisor request to Grad Studies Committee

Ph.D. General Field Requirement
> at least 2 graduate level courses of at least 2 credits each in Kinesiology,
> at UW-Madison, outside of Physical Activity Epidemiology area.