

KINESIOLOGY (M.S.)

<https://chhs.unh.edu/kinesiology/program/ms/kinesiology>

Description

The Department of Kinesiology offers a degree with the following areas of concentration: exercise science, and sport studies.

Exercise Science Concentration:

The MS in Kinesiology: Exercise Science prepares individuals for advanced careers in health and fitness promotion and education programs in hospitals, sports medicine centers, wellness clinics, universities, and rehabilitation facilities. Students are also prepared for terminal degree programs in the health professions, basic biology fields, medicine, or other health-related fields.

Sport Studies Concentration:

The Kinesiology Sport Studies graduate program focuses on preparing professionals in youth, interscholastic, intercollegiate programs and elite sport agencies to provide extraordinary sport experiences. Providing an understanding of the theoretical and practical knowledge and skills within the context of sport is essential in developing sport professionals at UNH. Our curriculum provides a framework of coursework, and the flexibility to focus preparation on careers in coaching or administration or additional graduate study in sport psychology. In addition, students have opportunities for applied experience and research with faculty. The graduate program in Kinesiology: Sport Studies engages students in learning experiences in the classroom, in applied settings, and in research. The focus on a theory-to-practice approach is infused throughout the curriculum with the goal that our students will be well prepared professionals as they enter the workforce or further graduate study.

Requirements

Degree Requirements

All degree candidates will be required to complete courses listed in the Masters Degree Core, the designated concentration core, and electives as required in order to meet the **30-credit** minimum necessary for graduation. In addition to coursework, students follow either the thesis, the non-thesis, or the advanced research plan as described below.

Code	Title	Credits
Master's Degree Core Course		
Select one of the following graduate statistics courses or equivalent:		
EDUC 881	Introduction to Statistics: Inquiry, Analysis, and Decision Making	4
SW 962	Data Analysis and Statistics	3
Code		
Title		
Credits		
Exercise Science Concentration		
KIN 896	Advanced Research in Exercise Science	6
KIN 901	Analysis of Professional Literature	4
KIN 902	Colloquium (may be repeated once for a total of 4 credits)	1-2
Elective Courses		
Additional elective courses are selected in consultation with academic advisor to meet the 30-credit minimum necessary for graduation.		
KIN 804	Electrocardiography	4
KIN 805	Topics in Applied Physiology	4
KIN 806	Neurology	4
KIN 820	Science and Practice of Strength Training	4
KIN 822	Applied Biomechanics	4

KIN 824	Exercise Metabolism: Acute and Chronic Adaptations	4
KIN 836	Fitness and Graded Exercise Test and Prescription	4
KIN #837	Exercise Prescription and Leadership in Healthy and Special Populations	4
KIN 894	Cardiopulmonary Pathologies	4

Code	Title	Credits
Sport Studies Concentration		
KIN 901	Analysis of Professional Literature	4
Select three courses from the following:		
KIN 840	Athletic Administration	
KIN 841	Social Issues in Contemporary Sports	
KIN 864	Advanced Sport Marketing	
KIN 865	Advanced Topics in Coaching	
KIN 880	Psychological Factors in Sport	
Elective Courses		
Two additional elective courses are selected in consultation with academic advisor to meet the 30-credit minimum necessary for graduation.		

Thesis Plan

A minimum of 30 approved graduate credits, including a thesis (24 graduate course credits plus 6 credits of KIN 899 Master's Thesis), as well as an oral defense of the thesis, are required in the thesis plan.

Non-Thesis Plan

A minimum of eight approved graduate courses (with a minimum of 30 credits) are required in the non-thesis plan. Four credits of KIN 895 Advanced Studies are required. A student may begin taking KIN 895 Advanced Studies only after completing at least three approved graduate courses.

Advanced Research Plan

Exercise science students who elect this plan must take a total of 6 credits of KIN 896 Advanced Research in Exercise Science. In addition, exercise science students must orally present their research to faculty and peers.

Student Learning Outcomes

- Demonstrates mastery of major theories, approaches, concepts, and both current and classical theoretical findings within their selected field of study.
- Compiles and critiques current peer-reviewed research, practice of industry standards, and theoretical foundations to produce a paper or project of publishable quality that enhances existing knowledge or creates new knowledge in a specific area within the option.
- Demonstrates proficiency and mastery of specific skills within the profession, which is grounded in evidence-based practice.
- Displays professionally appropriate behaviors, ethical standards, sensitivity, compassion, tolerance of individual differences, and demonstrates the ability to work in a diverse and interprofessional work environment.