

Kinesiology (PhD)

This program involves specialization in exercise physiology, biomechanics and neurorehabilitation, or physical culture and sports studies. Exercise physiology involves in-depth study in basic and applied exercise physiology. Biomechanics and neurorehabilitation students concentrate in biomechanics; motor control and learning; clinical movement science; sport movement science; or developmental science: pediatrics and aging. Physical culture and sports studies involves coursework in sport history, sport management, exercise history, sport and gender, and other sociocultural aspects of sport.

Students in exercise physiology can focus on basic and applied physiology, and clinical physiology. Students in Biomechanics and neurorehabilitation can focus on biomechanics, neuromuscular control, motor learning and cognitive function.

Students in physical culture and sports studies pursue independent doctoral research in areas related to sport history, physical culture studies, sport law, sport and politics, sport philosophy, and sport management-related subject areas.

Graduate Handbook

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and [online](#). Please contact the program with concerns or questions.

Admission

A student who lacks the prerequisite coursework described below may be admitted to Graduate and Postdoctoral Studies, but must then complete coursework in the appropriate areas in addition to degree requirements.

Applicants must be sponsored by a member of the Graduate Studies Committee and must demonstrate the ability to conduct independent research.

Exercise physiology concentration

Applicants must have an undergraduate major in kinesiology or a related discipline and must have completed coursework in human anatomy, exercise physiology, and vertebrate or human physiology.

Biomechanics and neurorehabilitation concentration

Applicants must have an undergraduate major in kinesiology or a related discipline, and must have completed coursework in human anatomy, vertebrate or human physiology, biomechanics, and motor learning or neuromuscular control.

Physical culture and sport studies concentration

Applicants are welcomed from a wide array of scholarly backgrounds, ranging from kinesiology and its related disciplines to health, history, or other fields in the humanities.

Total Hours Required: 42 Requirements

Code	Title	Hours
Degree		
	Statistics, biometry, or an appropriate area of mathematics	6

Research experience	6
Supporting Work	9
Departmental elective	3
Area of Concentration	
Exercise physiology	
Biomechanics and neurorehabilitation	
Physical culture and sports studies	
Dissertation Hours chosen from:	18
KIN 399W	Dissertation
KIN 699W	Dissertation
KIN 999W	Dissertation
All students must also follow the following requirements and policies:	
Graduate Education Requirements	
Graduate University Requirements	

Additional Requirements and Policy

During the students' first year in the program, they work with their advisor to prepare a program of study, which must be approved by the Graduate Studies Committee. Prior to admission to candidacy for the doctoral degree, the student must successfully complete the comprehensive examination covering the area of concentration. The student must present the dissertation proposal to the Graduate Studies Committee. The dissertation must represent an independent scholarly investigation of a problem pertinent to the field of kinesiology. It deals with basic questions in the area of concentration and must constitute a scholarly contribution to the body of knowledge in the profession.