

Kinesiology & Health Promotion

College of Education

The Department of Kinesiology and Health Promotion offers graduate work leading to the Master of Science, Doctor of Education, and Doctor of Philosophy degrees. The Master of Science degree offers concentrations in biomechanics, exercise physiology, health promotion, physical education and sport leadership. The Ed.D. degree has concentrations in health promotion and in physical education. The Ph.D. degree in Exercise Science offers specializations in biomechanics or exercise physiology. The department also offers a Ph.D. in Interdisciplinary Sciences for both Physical Education and Health Education.

Master of Science

The master's program is designed to provide a high-quality graduate program for students who desire advanced study to enhance their professional knowledge and skills as well as for students who complete the master's degree as an intermediate step toward doctoral work. The objective of the program is to prepare the student to:

- effectively locate, analyze, and use significant elements of the professional literature and research materials,
- permit an in-depth study of a specialized content area within the field, and
- acquire a knowledge of sound research procedures.

The course work and program experiences are designed to enable graduate students in the Department of Kinesiology and Health Promotion to demonstrate:

1. Educational, professional and technological standards.
2. Literacy skills for life-long professional learning
3. Current, factual, and functional content knowledge.
4. Functional skills and dispositions of professionals.
5. Skills for research and reflection for learning and leading.
6. Skills to plan, implement, and evaluate basic and applied research.
7. Skills to analyze and interpret research data.
8. Skills to design, implement and evaluate programs.

The program needed to accomplish these outcomes involves a combination of departmental course offerings, supporting electives, and a required core of statistics and research methods. Inasmuch as the fields of health promotion and kinesiology draw their principles from a variety of disciplines, it is appropriate that certain electives be chosen from the supportive areas of the biological and physical sciences and the behavioral and social sciences. Master's candidates with the approval of the department may select either a thesis (Plan A) or a non-thesis option (Plan B).

Admission Requirements

Applicants must meet the requirements set forth in the first part of this Bulletin. Students are expected to have satisfactorily completed the Graduate Record Examination (GRE). In addition, applicants are expected to have a minimum of 21 undergraduate hours in their respective fields. Specific prerequisites for graduate study at the master's level are determined by a committee of the departmental graduate faculty based upon area of emphasis.

Degree Requirements

Regardless of whether the student concentrates in the kinesiology or health promotion areas, all candidates are required to complete one of the following:

Plan A (Thesis Option)

EDP/EPE 557	Gathering, Analyzing and Using Educational Data	(3)
or		
STA 570	Basic Statistical Analysis	(4)
KHP 644	Research Techniques Applied to Kinesiology and Health Promotion	(3)

Supporting Electives

KHP	Area of Concentration	(12)
KHP 768	Residence Credit for the Master's Degree	(6)
TOTAL		(30+)

Plan B (Non-Thesis Option)

EDP/EPE 557	Gathering, Analyzing and Using Educational Data	(3)
or		
STA 570	Basic Statistical Analysis	(4)
KHP 644	Research Techniques Applied to Kinesiology and Health Promotion	(3)

Supporting Electives

KHP	Area of Concentration	(18)
TOTAL		(30+)

Doctor of Philosophy

The Ph.D. program offers areas of concentration in Biomechanics or Exercise Physiology. The goal of the program is to provide education to qualified students so that they will have a broad understanding of exercise science, as well as an in-depth knowledge of one specific area or discipline. Graduates of this program will be able to conduct exercise science research, teach at the university level, direct discipline specific educational programs, and collaborate with other professionals on various issues related to exercise science.

The Exercise Science Core includes 18+ hours and provides the student with a broad understanding of the various disciplines involved in this field. Each student is also required to take a minimum of 7 hours in research/statistic course work and demonstrate proficiency in computer programming. Beyond this minimum, an advisor and committee in consultation with each student set the structure and content of the doctoral program. The number of formal courses within each area of specialization may vary. It is expected that the depth of knowledge in each area of study comes from independent study and research experiences, in addition to the dissertation, which are all under the direction of the faculty. Each student will demonstrate their depth of knowledge by their qualifying exams. Typically, it will take from 3-5 years for the student to complete the degree requirements including the dissertation.

Core Courses (Required 18+ credits)

KHP 615	Biomechanics of Fundamental Movements	(3)
KHP 620	Advanced Exercise Physiology	(3)
KHP 640	Laboratory Methods in Exercise Science	(3)
KHP 695/782	Independent Research	(3)
GS 650	Preparing Future Faculty	(2)
KHP 785	Seminar in Exercise Science (1 credit/semester for 4 semesters)	(4)

Doctor of Education

The Ed.D. program in Kinesiology and Health Promotion provides advanced study for those who seek careers in educational, industrial or other appropriate settings. Admission to the program requires a master's degree and satisfactory completion of the Graduate Record Examination. Course work is planned by members of the student's advisory committee based on their assessment of the student's background and professional goals. All programs include course work within and outside the department. Additional information about the Ed.D. can be obtained from the Director of Graduate Studies.

Graduate Courses

KHP 420G	Physiology Of Exercise	(3)
KHP 509	Workshop In Health And Safety	(1-3)
KHP 547	Psychology Of Sport And Physical Activity	(3)
KHP 550	Principles Of Resistance Training	(3)
KHP 573	Management Of Sport	(3)
KHP 577	Practicum In Kinesiology And Health Promotion	(3-6)
KHP 579	Adapted Physical Education	(3)
KHP 585	Foundations Of Sport Management	(3)
KHP 590	Advanced Health Concepts	(3)
KHP 600	Exercise Stress Testing And Prescription	(3)
KHP 601	Teacher Effectiveness And Leadership In Kinesiology And Health Promotion	(3)
KHP 602	Promoting Physical Activity For Youth	(3)
KHP 609	Seminar In Health And Safety Education	(3)
KHP 616	Sports Biomechanics	(3)
KHP 615	Biomechanics Of Fundamental Movements	(3)
KHP 617	Gait Analysis	(3)
KHP 620	Advanced Exercise Physiology	(3)
KHP 640	Lab Methods In Exercise Science	(3)
KHP 644	Research Techniques Applied To Kinesiology And Health Promotion	(3)
KHP 673	Health Promotion And Behavior Change	(3)
KHP 674	Foundations Of Health Promotion	(3)
KHP 676	Current Issues And Problems In Sport Management	(3)
KHP 677	Planning Health Promotion Programs	(3)
KHP 680	Sport Marketing	(3)
KHP 681	Financial Aspects Of Sport	(3)
KHP 682	Contemporary Sport Leaders	(3)
KHP 685	Supervision Of Sport And Fitness Personnel	(3)
KHP 686	Sport Manager's Laboratory	(3)
KHP 687	Practicum In Sport Management	(3-9)
KHP 695	Independent Study In Kinesiology And Health Promotion	(1-3)
KHP 715	Three-Dimensional Biomechanical Analysis Of Human Movement	(3)
KHP 720	Sports Medicine	(3)
KHP 748	Master's Thesis Research	(0)
KHP 767	Dissertation Residency Credit	(2)
KHP 768	Residence Credit For The Master's Degree	(1-6)
KHP 781	Proseminar In Khp (Subtitle Required)	(1-3)
KHP 782	Independent Research In Khp	(3)
KHP 785	Graduate Seminar In Exercise Science	(0-1)