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Kinesiology, M.S.



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This program focuses on the professional preparation of candidates to develop, administer and implement broad-based programs in one of the two concentration areas. The M.S. in [Kinesiology](#) is intended to prepare researchers and practitioners; therefore, the program provides thesis and non-thesis options.

Admission Requirements

In addition to the general admission requirements from the Graduate School, application and admission to the graduate program in the [Kinesiology](#) requires:

1. Successful completion of necessary course pre-requisites.
2. A personal interview – a candidate may be invited for a personal, skype, or phone interviews with graduate faculty representatives.

Individual criteria for graduate school admission are not absolutes. The review process is dynamic in that all of the criteria are considered collectively as a portfolio. Other criteria considered for admission may include: publications, research experience, unique and relevant professional experiences, certifications and licensures, communication skills both written and spoken and teaching experience in areas of need for graduate assistant applicants.

Degree Requirements

The Master of Science Degree in [Kinesiology](#) is intended to prepare researchers and practitioners; therefore, the 36 hour program provides both thesis and non-thesis tracks.

Thesis Track:

- 12 hours of graduate core courses
- 9 hours in the cognate area
- 9 hours of guided electives
- 6 hours of thesis

Non-Thesis Track:

- 12 hours of graduate core courses
- 9 hours in the cognate area
- 9 hours of guided electives
- 6 hours of research-related Special Projects (i.e., KNES 597 or KNES 598; 3 hours), and an Internship (i.e., KNES 600; 3-6 hours).

The electives will be selected in consultation with the student's advisor from a list of courses in [Kinesiology](#). If a student has a specialized interest area in one of several support fields (i.e., dietetics, biology, psychology, health information management, business, etc.), electives in these areas must be approved by the advisor.

In addition to required coursework, the MS degree program in [Kinesiology](#) requires that each student demonstrate a general, comprehensive knowledge of the field of study by completion of either a capstone project (KNES 600: Internship in [Kinesiology](#)) or a thesis (KNES 599: Thesis Research and Thesis) and defense of thesis. Each student, along with their committee, will decide on a thesis or capstone project at the time of application to candidacy. If the student is completing a capstone project, an agreement describing the capstone project requirements will be written by each student and approved by the committee chair; the student and all committee members will sign the agreement. At the conclusion of KNES 600, each committee member will review the completed

capstone project and the original agreement. A capstone project or thesis is officially accepted as satisfactory upon unanimous vote of the committee. For capstone projects, the committee must unanimously vote that the student fulfilled all the requirements for the capstone project as outlined in the agreement. If the student is unable to receive a unanimous vote for the fulfillment of the capstone project or the thesis requirements prior to the published deadline for submission of the thesis to the Graduate School for the current semester, the student will be required to register for an additional semester and continue until all requirements have been satisfied.

Required Courses

To earn the M.S. degree in **Kinesiology**, students must choose a concentration and complete the coursework as described below.

Exercise and Sport Science Concentration

Core Courses (12 Credit Hours)

- KNES 501 – Applied Statistics in **Kinesiology** **3 Credit(s)**
- KNES 506 – Current Literature in **Kinesiology** **3 Credit(s)**
- KNES 510 – Research Methods in **Kinesiology** **3 Credit(s)**
- KNES 520 – Research Seminar in **Kinesiology** **3 Credit(s)**

Cognate Area (9 Credit Hours)

- KNES 503 – Motor Learning **3 Credit(s)**
- KNES 504 – Advanced Exercise Physiology **3 Credit(s)**
- KNES 560 – Biomechanics of Human Movement **3 Credit(s)**

Guided Electives (9 Credit Hours to be selected from the following courses)

- KNES 502 – Measurement and Evaluation Instrumentation in Exercise Physiology **3 Credit(s)**
- KNES 507 – Bioenergetics of Exercise **3 Credit(s)**
- KNES 512 – Muscle Physiology **3 Credit(s)**
- KNES 515 – Advanced Exercise Metabolism **3 Credit(s)**
- KNES 540 – Psychosocial Aspects of **Kinesiology** **3 Credit(s)**
- KNES 597 – Individual Study I **3 Credit(s)**
- With approval of the graduate coordinator and advisor, other graduate-level courses also may be considered.

Thesis or Research-Related Special Projects (6 Credit Hours to be selected from the following courses)

- KNES 597 – Individual Study I **3 Credit(s)**.
- KNES 599 – Thesis Research and Thesis **3–12 Credit(s)**
- KNES 600 – Internship in **Kinesiology** **3–6 Credit(s)**

Recreation and Sport Management Concentration

Core Courses (12 Credit Hours)

- KNES 501 – Applied Statistics in **Kinesiology** **3 Credit(s)**
- KNES 506 – Current Literature in **Kinesiology** **3 Credit(s)**
- KNES 510 – Research Methods in **Kinesiology** **3 Credit(s)**
- KNES 520 – Research Seminar in **Kinesiology** **3 Credit(s)**

Cognate Area (9 Credit Hours)

- KNES 508 – Strategic Management in **Kinesiology** **3 Credit(s)**
- KNES 509 – Organizational Behavior in **Kinesiology** **3 Credit(s)**
- KNES 530 – Program Planning and Evaluation for **Kinesiology** **3 Credit(s)**

Guided Electives (9 Credit Hours to be selected from the following courses)

- HLTH 405G – Nutrition for Fitness and Sports **3 Credit(s)**
- HLTH 440G – Health Promotion Program Planning **3 Credit(s)**
- HLTH 445G – Evaluating Health Promotion Programs **3 Credit(s)**
- KNES 400G – Measurement and Evaluation in **Kinesiology** **4 Credit(s)**
- KNES 405G – Behavior and Impairment and Physical Education **3 Credit(s)**
- KNES 406G – Physical Education for the Chronically Disabled **3 Credit(s)**
- KNES 407G – Physical Education Curriculum for Individuals With Disabilities **3 Credit(s)**
- KNES 420G – Legal Liability in Sport and Physical Education **3 Credit(s)**
- KNES 449G – Secondary School Health and Physical Education Methods **3 Credit(s)**
- KNES 459G – Management and Instructional Design for Active Wellness Settings **3 Credit(s)**

- KNES 493G – Teaching Lifetime Sports **3 Credit(s)**
- KNES 494G – Teaching Lifetime Sports II **3 Credit(s)**
- KNES 503 – Motor Learning **3 Credit(s)**
- KNES 511 – Health Disparities **3 Credit(s)**
- KNES 540 – Psychosocial Aspects of Kinesiology **3 Credit(s)**
- KNES 597 – Individual Study I **3 Credit(s)**
- KNES 598 – Individual Study II **3 Credit(s)**
- MBA 501 – Survey of Economics and Survey of Finance **3 Credit(s)**
- MBA 502 – Survey of Management and Survey of Management Information Systems **3 Credit(s)**
- MGMT 540 – Corporate Entrepreneurship **3 Credit(s)**
- MGMT 545 – Entrepreneurial Management **3 Credit(s)**
- RCEA 429G – Organization and Administration of Recreation Programs **3 Credit(s)**
- RCEA 435G – Aging and Leisure **3 Credit(s)**
- RCEA 497G – Special Projects 1–3 **3 Credit(s)**
- RCEA 498G – Special Projects 1–3 **3 Credit(s)**
- With the approval of the graduate coordinator and advisor, other graduate-level courses also may be considered.

Thesis or Research-Related Special Projects (6 Credit Hours to be selected from the following courses)

- KNES 597 – Individual Study I **3 Credit(s)**.
- KNES 599 – Thesis Research and Thesis **3–12 Credit(s)**
- KNES 600 – Internship in Kinesiology **3–6 Credit(s)**

Public Health Concentration

Core Courses (12 Credit Hours)

- KNES 501 – Applied Statistics in Kinesiology **3 Credit(s)**
- KNES 506 – Current Literature in Kinesiology **3 Credit(s)**
- KNES 510 – Research Methods in Kinesiology **3 Credit(s)**
- KNES 520 – Research Seminar in Kinesiology **3 Credit(s)**

Cognate Area (9 Credit Hours)

- KNES 511 – Health Disparities **3 Credit(s)**
- KNES 530 – Program Planning and Evaluation for Kinesiology **3 Credit(s)**
- KNES 540 – Psychosocial Aspects of Kinesiology **3 Credit(s)**

- KNES 503 – Motor Learning **3 Credit(s)**
- KNES 508 – Strategic Management in Kinesiology **3 Credit(s)**
- KNES 509 – Organizational Behavior in Kinesiology **3 Credit(s)**
- KNES 597 – Individual Study I **3 Credit(s)**
- With approval of the graduate coordinator and advisor, other graduate-level courses also may be considered.

Thesis or Research-Related Special Projects (6 Credit Hours to be selected from the following courses)

- KNES 597 – Individual Study I **3 Credit(s)**.
- KNES 599 – Thesis Research and Thesis **3–12 Credit(s)**
- KNES 600 – Internship in Kinesiology **3–6 Credit(s)**

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