KINESIOLOGY, MS

Banner Code: E1-MS-KNES

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Kinesiology is a multi-dimensional field that includes specialized areas such as biomechanics, exercise physiology, motor behavior, athletic training, and sports medicine. The purpose of the MS in Kinesiology is to produce graduates who are movement and exercise specialists. The program uses an evidence-based approach that provides an advanced understanding of scientific evidence and research methods that addresses physical activity related aspects of general well-being, chronic disease, and human performance. Students learn how to become data scientists who collect, analyze, interpret and present data regarding human movement. Our students gain hands on experience using state of the art technology located in the SMART Lab (https://smartlab.gmu.edu/).

Graduates are able to work in private and government sectors which may be characterized as clinical, athletic, and military environments. Our graduates fill positions such as sport scientists, biomechanical and physiology researchers, clinical exercise physiologists, and directors of strength and conditioning.

Admissions & Policies

Policies

Students may earn lower than a B- in only 1 course within the first 9 credits taken toward the degree in order to continue in the program.

For policies governing all graduate degrees, see AP.6 Graduate Policies (https://catalog.gmu.edu/policies/academic/graduate-policies/).

Requirements

Degree Requirements

Total credits: 36

Core Coursework

Code	Title	Credits
KINE 600	Scientific Foundation of Applied Kinesiology	3
KINE 601	Advanced Exercise Physiology	3
KINE 602	Movement and Fitness Assessment	3
KINE 603	Applied Biomechanics	3
KINE 605	Research Methods in Kinesiology (Mason Core) (https://catalog.gmu.edu/mason-core/)	3
KINE 608	Data Science in Kinesiology	3
KINE 615	Advanced Technology to Measure Human Movement	3
KINE 798	Directed Inquiry	3
or KINE 799	Thesis	
Total Credits		**24**

Electives

Code	Title	Credits
Select 12 credits from the following: [1]		12
KINE 500	Special Topics	
KINE 501	Independent Study	
KINE 506	Exercise Psychology	
KINE 604	Motor Control and Learning	
KINE 606	Applied Sport and Exercise Nutrition	
KINE 607	Exercise Programming: Movement Selection and Progression	
KINE 609	Applied Strength and Conditioning Programming	
KINE 610	Corrective and Preventative Exercise Techniques	
KINE 790	Field Practicum	
Total Credits		**12**

[1] Students may take up to six credits of coursework offered by other programs with permission.

Accelerated Master's

Bachelor's Degree (any)/Kinesiology, Accelerated MS

Overview

Highly-qualified undergraduates may be admitted to the bachelor's/accelerated master's program and obtain a BS or BA in any degree area and an MS in Kinesiology (https://catalog.gmu.edu/colleges-schools/education-human-development/school-kinesiology/kinesiology-ms/#text) in an accelerated time-frame after satisfactory completion of a minimum of 144 credits.

See AP.6.7 Bachelor's/Accelerated Master's Degree (https://catalog.gmu.edu/colleges-schools/education-human-development/school-education/) for policies related to this program.

Students in an accelerated degree program must fulfill all university requirements for the master's degree. For policies governing all graduate degrees, see AP.6 Graduate Policies (https://catalog.gmu.edu/policies/academic/graduate-policies/#text).

BAM Pathway Admission Requirements

Applicants to all graduate programs at George Mason University must meet the admission standards and application requirements for graduate study as specified in Graduate Admissions Policies (https://catalog.gmu.edu/admissions/graduate-policies/) and Bachelor's/Accelerated Master's Degree (https://catalog.gmu.edu/policies/

academic/graduate-policies/#ap-6-7) policies. For information specific to this accelerated master's program, see Application Requirements and Deadlines (https://cehd.gmu.edu/bachelors-accelerated-masters-program/).

Students will be considered for admission into the BAM Pathway after completion of a minimum of 60 credits, and additional unit-specific criteria (see Application Requirements and Deadlines) (https://cehd.gmu.edu/bachelors-accelerated-masters-program/).

Students who are accepted into the BAM Pathway will be allowed to register for graduate level courses after successful completion of a minimum of 75 undergraduate credits and course-specific pre-requisites.

Accelerated Master's Admission Requirements

Students already admitted in the BAM Pathway will be admitted to the MS program, if they have met the following criteria, as verified on the Bachelor's/Accelerated Master's Transition form:

- 3.0 overall GPA
- 3.0 content area GPA
- Completion of specific undergraduate coursework
- Successfully meeting Mason's requirements for undergraduate degree conferral (graduation) and completing the application for graduation.

Accelerated Pathway Requirements

To maintain the integrity and quality of both the undergraduate and graduate degree programs, undergraduate students interested in taking graduate courses must choose from the following which can be taken as Advanced Standing or Reserve Graduate credit (https://catalog.gmu.edu/policies/academic/graduate-policies/#text) (to be determined by the student and their advisor):

Code	Title	Credits
KINE 600	Scientific Foundation of Applied Kinesiology	3
KINE 601	Advanced Exercise Physiology	3
KINE 602	Movement and Fitness Assessment	3
KINE 603	Applied Biomechanics	3
KINE 604	Motor Control and Learning	3
KINE 605	Research Methods in Kinesiology (Mason Core) (https://catalog.gmu.edu/mason-core/)	3

For more detailed information on coursework and timeline requirements, see AP.6.7 Bachelor's/Accelerated Master's Degree (https://catalog.gmu.edu/policies/academic/graduate-policies/#ap-6-7) policies.