

Master of Science - Kinesiology

Plan Description

The Master of Science – Kinesiology is designed for students interested in the study of human performance. Students are provided with the theoretical foundations of the movement-based sciences and select an emphasis in biomechanics, **exercise physiology**, motor learning/control, or sports medicine. Through involvement in directed research projects, students obtain an in-depth understanding of laboratory equipment research and applications in the biomedical sciences. Graduates are prepared to make applications of the movement sciences in research, clinical or athletic settings and for entrance into doctoral programs in kinesiology. For more information about your program including your graduate program handbook and learning outcomes please visit the Degree Directory.

Plan Admission Requirements

Application deadlines

Applications available on the UNLV Graduate College website.

Students are admitted in the fall, spring, and summer semesters. Applicants for admission must have an undergraduate major in kinesiology, exercise science, physical education, athletic training, biology, nutrition, or a related academic discipline.

Applicants must have a minimum overall undergraduate grade point average of 2.75 (A=4.0), or 3.00 (A=4.0) in the last two years. The Graduate Record Examination (GRE) must be taken prior to applying. Successful applicants generally have a 3.00 undergraduate grade point average and a combined score of 300 on verbal and quantitative sections of the GRE and higher than 3.5 on the analytical section. Interested applicants must send the following information to the Graduate College:

A completed application for graduate studies.

Official transcripts of all colleges and universities attended.

Interested applicants must upload the following information into the Grad Rebel Gateway system:

Copies of all transcripts sent to the Graduate College.

Official GRE scores.

A letter of intent that addresses: Reason(s) for wishing to earn an advanced degree. Motivation for attending UNLV. Summary of educational goals. Summary of research activities and interests. Possible faculty mentors.

Two letters of recommendation from persons familiar with the applicant's academic record and potential for graduate study.

All domestic and international applicants must review and follow the Graduate College Admission and Registration Requirements.

Students are accepted into a degree program as described in the Graduate Catalog. The faculty and corresponding sub-disciplines and sub-plans within the described programs are subject to change at any time.

Plan Requirements

See Subplan Requirements below.

Subplan 1: Thesis Track

Subplan 2: Non-Thesis Track

Subplan 1 Requirements: Thesis Track

Total Credits Required: 33

Course Requirements

Biomechanics Course – Credits: 3

Complete one of the following courses:

KIN 656 Biomechanics of Endurance Performance	3
KIN 736 Biomechanical Applications in Kinesiology	3
KIN 737 Biomechanics of Strength	3
KIN 743 Research Techniques in Biomechanics	3

Motor Learning/Motor Control Course – Credits: 3

Complete one of the following courses:

KIN 760 Motor Skill Learning and Performance	3
KIN 761 Human Motor Control	3
KIN 762 Motor Learning Applications	3
KIN 765 Neurophysiology of Movement	3

Exercise Physiology Course – Credits: 3

Complete one of the following courses:

KIN 657 Physiology of Endurance Performance	3
KIN 738 Human Physiology	3
KIN 740 Advanced Exercise Physiology	3

Research Courses – Credits: 6

Complete 6 credits by completing all of the following courses:

KIN 750 Research Methods in Kinesiology and Nutrition Sciences Research	3
KIN 751 Selected Application of Statistical Techniques I	3

Specialization Courses – Credits: 9

Complete 9 credits of advisor-approved coursework. Research opportunities and course work are available in biomechanics, exercise physiology, motor learning/motor control, and sports medicine.

Elective Courses – Credits: 3

Complete 3 credits of advisor-approved elective coursework.

Thesis – Credits: 6

KIN 749 Thesis	3 – 6
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Degree Requirements

Completion of a minimum of 33 ~~credit hours~~ **credits** with a minimum GPA of 3.00. In consultation with ~~his/her~~ **their** advisor, a student will organize a thesis committee of at least three departmental members. In addition, a fourth member from outside the department, known as the Graduate College Representative, must be appointed. An additional committee member may be added at the student and department's discretion. Please see Graduate College policy for committee appointment guidelines.

Graduation Requirements

The student must submit all required forms to the Graduate College ~~and then as well as~~ apply for graduation up to two semesters prior to completing ~~his/her~~ **their** degree requirements. The student must submit and successfully defend ~~his/her~~ **their** thesis by the posted deadline. The defense must be advertised and is open to the public. After the thesis defense, the student must

electronically submit a properly formatted pdf copy of their thesis to the Graduate College for format check. Once the thesis format has been approved by the Graduate College, the student will submit the approved electronic version to ProQuest. Deadlines for thesis defenses, format check submissions, and the final ProQuest submission can be found here.

Subplan 2 Requirements: Non-Thesis Track

Total Credits Required: 33

Course Requirements

Biomechanics Course – Credits: 3

Complete one of the following courses:

KIN 656 Biomechanics of Endurance Performance	3
KIN 736 Biomechanical Applications in Kinesiology	3
KIN 737 Biomechanics of Strength	3
KIN 743 Research Techniques in Biomechanics	3

Motor Learning/Motor Control Course – Credits: 3

Complete one of the following courses:

KIN 760 Motor Skill Learning and Performance	3
KIN 761 Human Motor Control	3
KIN 762 Motor Learning Applications	3
KIN 765 Neurophysiology of Movement	3

Exercise Physiology Course – Credits: 3

Complete one of the following courses:

KIN 657 Physiology of Endurance Performance	3
KIN 738 Human Physiology	3
KIN 740 Advanced Exercise Physiology	3

Research Courses – Credits: 6

Complete 6 credits by completing all of the following courses:

KIN 750 Research Methods in Kinesiology and Nutrition Sciences Research	3
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KIN 751 Selected Application of Statistical
Techniques I

3

Specialization Courses – Credits: 9

Complete 9 credits of advisor-approved coursework. Research opportunities and course work are available in biomechanics, exercise physiology, motor learning/motor control, and sports medicine.

Elective Courses – Credits: 6

Complete 6 credits of advisor-approved elective coursework.

Professional Paper – Credits: 3

KIN 748 Professional Paper

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Degree Requirements

Completion of a minimum of 33 ~~credit hours~~ **credits** with a minimum GPA of 3.00. In consultation with ~~his/her~~ **their** advisor, a student will organize a committee of at least three departmental members. In addition, a fourth member from outside the department, known as the Graduate College Representative, must be appointed. An additional committee member may be added at the student and department's discretion. Please see Graduate College policy for committee appointment guidelines.

Graduation Requirements

The student must submit all required forms to the Graduate College ~~and then as well as~~ apply for graduation up to two semesters prior to completing ~~his/her~~ **their** degree requirements. The student must successfully complete a professional paper.

Plan Graduation Requirements

Refer to your subplan for Graduation Requirements.

Subplan 1: Thesis Track

Subplan 2: Non-Thesis Track