



Kinesiology (MS)

The Department of Health and Kinesiology offers a **Master of Science (MS) in Kinesiology**. Students may select either the thesis or non-thesis route; both are 36-hour programs. The choice of courses in the major and minor fields, as well as the nature of the supporting work, will be determined through consultation between the student and his or her graduate advisor, who is selected by the student, and graduate program coordinator. The mission of the Department of Health and Kinesiology's graduate program is to prepare graduate students to function professionally in a diverse and changing society, improve quality of life, and promote healthy lifestyles through the understanding and delivery of physical activity and wellness concepts.

Although programs can be individualized, the basic degree requirements are the same for all Kinesiology graduate students at UTRGV. By providing a combination of traditional classes and the web-based classes, the Kinesiology faculty at UTRGV is attempting to meet the professional needs and aspirations of their graduate students.

***This program has the option to be completed fully ONLINE.**

Admission Requirements

Apply to the UTRGV Graduate College:

Step #1: Submit a UTRGV Graduate Application at www.applytexas.org. The university application fee of \$50 (\$100 for International Applicants) can be paid online by credit card or electronic check (in the online application). All application fees are nonrefundable.

Step #2: Register on the UTRGV Recommenders and Document Upload Webpage (www.utrgv.edu/gradupload). This is where you will request recommenders and upload program requirement documents, and where the graduate office will upload your transcripts. If you do not complete this step, we will not be able to process your application.

Step #3: Request your transcripts and other supporting documentation to be mailed to:

The University of Texas Rio Grande Valley
 The Graduate College
 Marialice Shary Shivers Bldg. 1.158
 1201 W. University Drive
 Edinburg, TX 78539-2999

Review and submit all Program Requirements:

- Bachelor's degree from a regionally accredited institution in the United States or a recognized international equivalent in a similar or related field.
- Undergraduate GPA of at least 3.0.
- Official transcripts from each institution attended (must be submitted directly to UTRGV).
- Two letters of recommendation from professional or academic sources.
- Personal Statement detailing professional goals and reasons for pursuing the graduate degree.
- Resume.

- If applicant does not meet the minimum undergraduate GPA criterion but has a GPA of at least 2.5, a personal interview is required for consideration of conditional admission.

Additional requirements for domestic applicants who attended foreign universities:

- TOEFL or IELTS Language Proficiency Test with minimum scores: 550 on paper-based, 213 on computer based, or 79 on internet-based for the TOEFL; 6.5 for the IELTS. TOEFL and IELTS scores are valid for 2 years. For additional information, [click here](#).
- English translation of educational records.
- Transcript Evaluation by the Foreign Credentials Service of America (FCSA). For additional information, [click here](#).

Additional requirements for international applicants:

- TOEFL or IELTS Language Proficiency Test with minimum scores: 550 on paper-based, 213 on computer based, or 79 on internet-based for the TOEFL; 6.5 for the IELTS. TOEFL and IELTS scores are valid for 2 years. For additional information, [click here](#).
- English translation of educational records.
- Transcript Evaluation by the Foreign Credentials Service of America (FCSA). For additional information, [click here](#).
- Financial Documentation showing sufficient funds (minimum of \$25,000) to cover all expenses (living and academic) for the first year of study. For additional information, [click here](#).
- Immigration documents, including a current copy of your valid passport. For additional information, [click here](#).

Program Contact

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Deadlines

	Fall	Spring	Summer I	Summer II
Domestic	July 1	November 15	May 1	June 1
International	June 1	November 1	March 1	April 1

Program Requirements

Required Courses **12**

KINE 6310: History and Philosophy of Kinesiology	3
KINE 6315: Research Methods	3
KINE 6320: Applied Test and Measurements in Kinesiology or Statistics	3
KINE 6325: Advanced Exercise Physiology	3

Electives **18-21**

Chosen from the following:

KINE 5345: Health Seminar	3
KINE 6330: Workshop in Kinesiology	3
KINE 6335: Curriculum for the Students with Special Needs	3
KINE 6340: Curriculum Construction	3
KINE 6345: Planning and Use of Facilities	3
KINE 6350: Motor Learning	3
KINE 6355: Current Readings in Kinesiology	3
KINE 6360: Organizations and Administration of Sport Programs	3
KINE 6365: Legal Issues in Sport	3
KINE 6370: Governing Agencies for Sport	3
KINE 6375: Ethics in Sport	3
KINE 6380: Advanced Biomechanics	3
KINE 6385: Determinants and Perspective of Health and Illness	3
KINE 6390: Kinesiology Internship	3
KINE 6395: Internship in Sport	3

OR

*The following courses are only offered online via the UTOC***

KINO 6310: Exercise Physiology	3
KINO 6312: Training and Conditioning	3
KINO 6316: Applied Biomechanics	3
KINO 6320: Sport Psychology	3
KINO 6322: Applied Sport Psychology	3

KINO 6323: Advanced Exercise Psychology	3
KINO 6326: Motor Learning and Control	3
KINO 6330: Sport and Society	3
KINO 6340: History and Philosophy of Kinesiology	3
KINO 6350: Curricular Innovations	3
KINO 6352: Analysis of Teaching and Coaching	3
KINO 6354: Physical Activities for Young Children	3
KINO 6356: Issues of Women and Sport	3
KINO 6360: Administration of Physical Education and Athletic Programs	3
KINO 6363: Methods and Procedures for Coronary Heart Disease Risk Detection and Reduction	3
KINO 6365: Determinants and Perspectives of Health and Illness	3
KINO 6367: Planning and Use of Facilities	3
KINO 6369: Advanced Scientific Principles of Strength Training and Conditioning	3
KINO 6370: Statistics	3
KINO 6372: Research Methods	3

** Students may select to study for their Masters in Kinesiology degree via the online route. The University of Texas-Rio Grande Valley (UTRGV) is part of the University of Texas Online Consortium UTOC, (a collaboration with The University of Texas campuses at Permian Basin, El Paso, and San Antonio), that offers an online Master's degree in kinesiology. Students who select UT-RGV as their home campus must follow the admission procedures for UTRGV. On the application, a potential student indicates they want to enroll in the online Kinesiology degree program.

Online students are advised by a UTRGV faculty advisor, however, these students may take classes from any of the four UT System participating collaborating universities. The

degree plans are the same for both the online and traditional programs.

Capstone Requirement Thesis	3-6
KINE 7300: Thesis I	3
KINE 7301: Thesis II	3

OR

Project	3
KINE 7320: Independent Study	3
Total graduate hours for degree:	36

Course Descriptions

KINE 5345: Health Seminar [3-0] For administrators, teachers, nurses and community leaders. Topical discussion areas will center around the interests and needs of the participants and the communities.

KINE 6310: History and Philosophy of Kinesiology [3-0]
Historical development of kinesiology from primitive to modern times. Philosophy of modern kinesiology with application to present day educational programs.

KINE 6315: Research Methods [3-0]
This course is an introduction to research methodology in education. It focuses on the relationship between research problem, questions and design and introduces students to techniques for collecting and analyzing research data. The course emphasis is on writing an analysis and synthesis of research methodology and findings in empirical articles.

KINE 6320: Applied Test and Measurements in Kinesiology or Statistics [3-0]
A critical consideration of the importance and limitations of measurements in physical education. Emphasis is placed on those measurements that are most needed today.

The statistical treatment and interpretation of research data.

KINE 6325: Advanced Exercise Physiology [3-0]
Background of kinesiology from biological, anatomical and physiological aspects.

KINE 6330: Workshop in Kinesiology [3-0]
This course is designed to provide in-depth experiences for the prospective teacher, coach and recreation leader in the development of both current theories and practices in presenting selected areas of kinesiology such as aquatics, dance, gymnastics and/or sports. The course may be repeated for credit, up to six hours, when the topic is different. **Prerequisite:** Twelve hours of graduate Kinesiology and permission of the department chair.

KINE 6335: Curriculum for the Students with Special Needs [3-0]
The selection and planning of kinesiology for students whose activity must be adapted due to demands imposed by gravity, trauma, injury, congenital defect, illness or disease. Laboratory work with students will be scheduled. **Prerequisite:** Permission of the department chair.

KINE 6340: Curriculum Construction [3-0] A critical study of principles, problems and procedures in the construction of a kinesiology program. Attention will be given to the application of these principles in the construction of a course of study for a specific situation.

KINE 6345: Planning and Use of Facilities [3-0]
With new arenas, stadiums, health clubs, convention centers, and other facilities popping up all over the nation, many job opportunities are available in this discipline. Even in these tough economic times when some jobs are harder to find, there is still a significant need for properly trained sport facility managers with strong skills in finance, marketing, and risk

management. This class will cover numerous issues from construction-related concerns to marketing facilities, naming rights, and concession concerns. Also covered will be topics related to the facility management side of the industry with special attention paid to back-house operations such as water, heating, cooling, and related activities. This is a comprehensive course focused on applied rather than theoretical knowledge. To learn some of the hands-on elements of running a facility, students will visit a facility of their choice (subject to instructor approval). There they will spend time with facility staffers to learn how each facility is operated.

KINE 6350: Motor Learning

[3-0]

This course provides an in depth study of the major concepts, theories and related research within the field of motor learning. Both neural and behavioral levels of analyses will be discussed. The course content is relevant to those who wish to better understand how movement skills are learned and retained.

KINE 6355: Current Readings in Kinesiology

[3-0]

Extensive readings and discussion of selected topics in the field.

KINE 6360: Organizations and Administration of Sport Programs

[3-0]

The organization and administration of major and minor sport programs including budgeting, staffing, equipment and public relations.

KINE 6365: Legal Issues in Sport

[3-0]

The application of legal issues in the sport industry with primary concentration on tort

liability for sport administrators and teachers/coaches, gender issues and contract law.

KINE 6370: Governing Agencies for Sport

[3-0]

An in-depth study of governance agencies concerned with interscholastic, intercollegiate, amateur, international and professional organizations.

KINE 6375: Ethics in Sport

[3-0]

A study of ethical issues in sport related to the player, coach, parent, officials and administration associated with sport/athletic organizations.

KINE 6380: Advanced Biomechanics

[3-0]

Introduction to research and application in biomechanics which includes the mechanical components of human movement and the analysis of movement problem. Emphasis is on quantitative techniques of sport and exercise activities analysis. Other technologies and bibliographic research methods are covered.

Prerequisites: BIOL 2401, BIOL 2402, KINE 3350, and KINE 3370 or equivalent courses. Admission to department graduate program for majors and to the University graduate program for non-majors.

KINE 6385: Determinants and Perspective of Health and Illness

[3-0]

This course considers factors that determine health and illness in populations. An understanding of social and behavioral issues which influence health status and care in the United States will be studied. Opportunities to learn about social and psychological aspects of disease, health care, delivery systems, political economy of health and illness and its impact and consequences will be presented. Debates

and contrasting perspectives which characterize the field of medical sociology-health promotion along with current relevant topics comprise the course. Opportunity is provided for the graduate student to apply critical thinking strategies for understanding, evaluating and analyzing determinants and perspectives that affect health and illness.

KINE 6390: Kinesiology Internship [3-0]

This is an on-site internship in a public school setting focusing on the psychomotor, cognitive, and effective development of children. The student will select a site (elementary, middle, or secondary public school) and secure employment. Repeat for credit once.

Prerequisite: 12 graduate hours (C or better) in the Graduate Teacher Education and Certification (G-TEC).

KINE 6395: Internship in Sport [3-0]

The student is to perform an internship under the supervision of a mentor with an organization and a university supervisor. A minimum of 120 contact hours is required.

KINE 7300: Thesis I [3-0]

This course guides the first semester thesis-seeking student thorough the process of writing of Chapters 1 - 3 of the thesis. Students should only register for this course when they are ready to write up their research. The student must prepare and present a research proposal to the Institutional Review Board (IRB) for the proposed study. Additionally the student will be required to present a thesis proposal to his/her committee by the end of the semester.

KINE 7301: Thesis II [3-0]

This course is the summation semester the thesis-seeking student will take. The purpose of KINE 7320 is to collect and analyze the data for the thesis. The data results and discussion will be written in Chapters 4 - 5 of the thesis. The course will conclude with the thesis defense to the candidate's thesis committee, submittal of the successfully defended thesis to the Office of Graduate Studies.

KINE 7320: Independent Study [3-0]

Individual investigation of a problem in kinesiology that involves one of the techniques of research. Students will work under a designated faculty member and must have their research approved prior to registering.