Department of Kinesiology

Web Site: http://www.twu.edu/kinesiology/
Interim Co-Chairs: David Nichols, Professor; Kyle Biggerstaff, Associate Professor
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Graduate Degrees Offered

- M.S. in Kinesiology (http://catalog.twu.edu/archives/2016-2017/graduate/health-sciences/kinesiology/kinesiology-ms) (with instruction available in the support areas of Sport Management, Biomechanics, Exercise Physiology, Adapted Physical Education, and Coaching)
- M.S. in Exercise and Sports Nutrition (http://catalog.twu.edu/archives/2016-2017/graduate/health-sciences/kinesiology/exercise-sports-nutrition-ms)
- Ph.D. in Kinesiology (http://catalog.twu.edu/archives/2016-2017/graduate/health-sciences/kinesiology/kinesiology-phd) (with instruction available in the support areas of Adapted Physical Education, Sport Management, Biomechanics, and Exercise Physiology)

Graduate courses in the Department of Kinesiology are designed to provide qualified individuals with the opportunity to pursue advanced study beyond the baccalaureate level. Objectives in the degree programs are:

1. to ensure that students have a broad philosophical, educational, and scientific background on which to base their work as professionals;
2. to acquaint students with current thinking, practices, trends, and problems related to physical education and kinesiology;
3. to prepare students to assume leadership roles in educational, industrial, business, public, or private agency settings;
4. to provide students with the evaluative, statistical, research methodologies, and critical thinking strategies that will enable them to contribute to the advancement of the field; and
5. to offer sequences of coursework leading to specialization in a particular subdiscipline of kinesiology.

The particular objective of non-degree graduate study is to provide personal and professional enrichment opportunities for the individual. For the persons who wish to become qualified to teach in the public schools of Texas, a certification program is also available. See the General Catalog for requirements.

Facilities for Graduate Instruction and Research

The Pioneer Hall was completed in the Spring of 1998. This state-of-the-art facility contains accessible classrooms, multimedia centers, dance studios, laboratories, a large gymnasium, an 8-lane natatorium, an indoor track, a weight training room, an athletic training room, racquetball courts, climbing wall, dressing rooms, and administrative and faculty offices.

Biomechanics, exercise physiology, biochemistry, and motor behavior/ pedagogy laboratories have been dedicated specifically for teaching and research. These well equipped facilities permit research studies on persons with and without disabilities in the areas of stress testing, body composition assessment, bone density, cardiovascular respiratory analysis, blood biochemistry analysis that includes glucose, lactate, insulin, C-peptide, and a variety of other hormones and metabolites; isokinetic, isometric, and isotonic strength testing; anthropometry; and high speed motion analysis, among others. Portable and online computer capabilities facilitate analysis of digital kinetic and kinematic data gathered with a three-dimensional high speed video system, electromyographic equipment, and electronic forceplates. Computerized data collection and analysis systems are available for motor learning studies.

Outdoor facilities include playing fields, tennis courts, softball diamond, a swimming pool, and soccer field.

Computer facilities of the University are extensively utilized by the department programs as are the many other fine features of the campus and Metroplex, including the Cooper Aerobic Center and the Tom Landry Center.

Admissions

Admission Requirements

Please see the admission section (http://catalog.twu.edu/archives/2016-2017/graduate/graduate-school/admission-graduate-school) of this catalog. In addition to these general requirements, the Department of Kinesiology requires the following.

All written materials (application, transcripts, letters of recommendation, vita, statement of intent, and designation of an area of specialization) need to be submitted according to the following deadlines:

- For admission for the following fall semester – July 15
- For admission for the following spring semester – November 1
- For admission for the following summer semester – April 1
- International students are admitted only in the fall (deadline is March 1) or spring (deadline is July 1) semesters. Admission documents for international students must be submitted by the deadline stated on the Office of International Education Website (http://www.twu.edu/international-education) .

The application and transcripts are submitted to the Office of Admissions Processing (http://www.twu.edu/admissions-processing) . The remaining written materials to be presented by graduate degree-seeking individuals are to be submitted to the Graduate Coordinator of the Department of Kinesiology (http://www.twu.edu/kinesiology) .

Master of Science in Kinesiology

1. The applicant will submit two satisfactory letters of recommendation that may include one from the last employer if the student has had work experience and one from the last school attended.
2. For applicants without an undergraduate degree in kinesiology, undergraduate prerequisites may be required. Each specialization
will determine the appropriateness of additional requirements for the student.

3. The applicant will submit a vita/resume with special emphasis on training and work experience in kinesiology or related areas.

4. The applicant will specify an area of specialization (Adapted Physical Education, Biomechanics, Coaching, Exercise Physiology, or Sport Management).

5. Any applicant may submit additional materials that they deem appropriate to his/her application.

6. The appropriate faculty admissions committee will review the total application.

Master of Science in Exercise and Sports Nutrition

The Master’s of Science in Exercise and Sports Nutrition program is administered through the Department of Nutrition and Food Sciences (http://catalog.twu.edu/archives/2016-2017/graduate/health-sciences/nutrition-food-sciences).

Doctor of Philosophy in Kinesiology

1. The applicant will submit three satisfactory letters of recommendation that may include one from the last employer if the student has had work experience and others from the last school attended.

2. For applicants without an undergraduate degree in kinesiology, undergraduate prerequisites may be required. Each specialization will determine the appropriateness of additional requirements for the student.

3. The applicant will submit a vita with special emphasis on training and work experience in kinesiology or related areas.

4. The applicant will submit a statement of intent that briefly describes his/her background, personal growth and development, future goals, and reasons for applying to the Department of Kinesiology doctoral program.

5. The applicant will specify an area of specialization (Adapted Physical Education, Sport Management, Biomechanics, Exercise Physiology).

6. The applicant will have a formal interview with the Doctoral Admission Committee (or its designated representatives).

7. Students who have not written a master’s thesis will complete an original research project with an individual faculty member during the first year in the doctoral program. A total of 3 semester credit hours may be earned.

8. Any applicant may submit additional materials that they deem appropriate to his/her application.

9. The appropriate Doctoral Admissions Committee will review the total application and forward their decision to the Graduate Coordinator.

Certificates

Certificates in Kinesiology


Minors

Minors Offered to Students from Other Departments

A minor is offered to doctoral students within each of the four specializations in the doctoral program in Kinesiology: Adapted Physical Education, Administration, Biomechanics, and Exercise Physiology. Students wishing to pursue a minor in Kinesiology should meet with a faculty member from the chosen area of specialization to determine the appropriate coursework. Undergraduate prerequisites may be necessary depending on the specialization chosen. A minimum of 12 semester credit hours is required for the minor.

Faculty

Professors

BEN-EZRA, VICTOR, Professor of Kinesiology. B.S., City University of New York City College; M.S., Springfield College; Ph.D., University of Maryland, College Park.

DAVIS, RONALD W., Professor of Kinesiology. B.S., University of Wisconsin, Oshkosh; M.S., University of Wisconsin, LaCrosse; Ph.D., Texas Woman's University.

KWON, YOUNG-HOO, Professor of Kinesiology. B.S., Seoul National University; M.Ed., Seoul National University; Ph.D., Pennsylvania State University, University Park.

MILOCH, KIMBERLY S., Professor of Kinesiology; Director of Quality Enhancement Programs. B.A., Southwest Texas State University; M.S., Baylor University; Ph.D., Florida State University.

NICHOLS, DAVID L., Professor of Kinesiology; Interim Co-chair, Department of Kinesiology. B.S., Central State University, Oklahoma; M.S., Texas Woman's University; Ph.D., Texas Woman's University.

RAY, CHRISTOPHER T., Professor of Kinesiology; Dean of the College of Health Science. B.S., University of Tennessee; M.S., University of Tennessee; Ph.D., University of Georgia.

SENNE, TERRY A., Professor of Kinesiology; Director of Academic Assessment. B.S., George Williams College; M.S., University of Illinois, Chicago; Ph.D., North Carolina State University.

SILLIMAN-FRENCH, LISA M., Professor of Kinesiology. B.S., State University of New York College at Cortland; M.A., Texas Woman’s University; Ph.D., Texas Woman’s University.

Associate Professor

BIGGERSTAFF, KYLE D., Associate Professor of Kinesiology; Interim Co-chair, Department of Kinesiology. B.A., Southern Methodist University; M.S., University of North Texas; Ph.D., Florida State University.
Assistant Professors

BECKER, KEVIN. Assistant Professor of Kinesiology. B.S., University of Wisconsin-LaCrosse; M.S., Illinois State University; Ph.D., University of Tennessee-Knoxville.

DILLON, SUZANNA. Assistant Professor of Kinesiology. B.S., Alma College; M.A., Western Michigan University; Ph.D., Texas Woman's University.

MANN, MARK D. Assistant Professor of Kinesiology. B.A., Southwestern University; M.A., Southern Nazarene University; M.S., Nova Southeastern University; M.S., Pittsburg State University; Ed.D., Oklahoma State University; Ph.D., University of Arkansas.

RIGBY, BRANDON RHETT. Assistant Professor of Kinesiology. B.S., LeTourneau University; M.S., Baylor University; Ph.D., Baylor University.

WEATHERFORD, GWENDOLYN. Assistant Professor of Kinesiology. B.S., Texas A&M, Commerce; M.S., Texas A&M, Commerce; Ph.D., Texas Woman's University.

Lecturer

BROWN, KATHRYN G. Senior Lecturer of Kinesiology. B.S., Oklahoma Panhandle State University; M.S., Oklahoma State University; M.Ed., Northwestern Oklahoma State University.