Kinesiology and Public Health Education

M.S. in Kinesiology (http://und-public.courseleaf.com/graduateacademicinformation/departmentalcoursesprograms/kinesiologyandpublichealtheducation/kin-ms/)

Courses

KIN 511. Sports Administration. 3 Credits.
Explores the skill sets needed to be a successful and effective sport administrator across multiple levels of sport, with a focus on leadership and decision-making. On demand.

KIN 512. Sports Risk Management. 3 Credits.
An introduction into risk management in the intercollegiate sports administration setting. Legal topics covered include student-athlete eligibility and safety, fan safety and guarantees, contracts, antitrust, labor law, NCAA cases, intellectual property, and employment issues. Other topics may be introduced as current events dictate. On demand.

KIN 513. Skill Acquisition in Sport. 3 Credits.
This course is designed to apply the scientific principles of Motor Behavior, specifically Motor Learning, Motor Control, and Motor Development to the teaching and coaching of sport skills and the development of those skills in athletic settings. On demand.

KIN 524. Adapted Activities. 3 Credits.
Theory and practice of modified activities adapted to needs, capacities and abilities of the atypical child. On demand.

KIN 529. Exercise Psychology. 3 Credits.
A research-based study of the psychological aspects that are associated with participation in exercise/physical activity. On demand.

KIN 530. Sports Biomechanics. 3 Credits.
The application of principles of mechanics to the study of human motion. F, even years.

KIN 531. Psychology of Sports Leadership. 3 Credits.
Consideration of team/group dynamics, behavioral economics and popular leadership theories and models. On demand.

KIN 534. Social Issues in Sports. 3 Credits.
Consideration of social issues in sport with a focus on activism for positive change. On demand.

KIN 535. Advanced Exercise Physiology I. 3 Credits.
The focus of this course is on the planning, organization, and administration of gas-analyzed cardiorespiratory exercise testing. Prerequisites: KIN 402 or equivalent and consent of instructor. F, odd years.

KIN 536. Bioenergetics and Skeletal Muscle Function. 3 Credits.
Focuses on acute and chronic muscle function, energy metabolism, and regulatory process of skeletal muscle and muscle cell function during rest, during exercise and during recovery. Prerequisites: KIN 402 or equivalent, and consent of instructor. F.

KIN 537. Applied Sports Psychology. 3 Credits.
A study of sports psychological skill training programs for use with team and individual athletes. On demand.

KIN 539. Ex Phys Lab: Anthropometry and Body Composition. 3 Credits.
Designed to develop practical and hands-on skills in anthropometry (the science of measuring body size, shape and composition) for apparently healthy individuals of all ages. Prerequisite: Consent of instructor. S.

KIN 540. Teaching Lifetime Fitness. 3 Credits.
A study of the philosophical, disciplinary, and professional considerations that are necessary for the optimal planning and execution of lifetime fitness/wellness education programs in public schools and allied settings.

KIN 541. Exercise Program Design. 3 Credits.
Focuses on designing scientifically sound aerobic, strength and conditioning, and resistance training programs for healthy adults. Intended for students planning on coaching, strength conditioning coaching, personal training, corporate fitness, exercise physiology, law enforcement, military athletic training, or the allied health professions (physical therapy, etc.). S.

KIN 555. Special Topics in Kinesiology. 1-4 Credits.
Investigation of special topics in the study of kinesiology not included in current departmental course offerings. Repeatable when topics differ. Repeatable.

KIN 560. Seminar in Kinesiology. 1 Credit.
Presentations of current topics based on reviews of literature. Repeatable to 4 credits. Prerequisite: Consent of instructor. Repeatable to 4 credits. S/U grading.

KIN 585. Internship in Kinesiology. 3-6 Credits.
Professional experience and skill development through supervised placement at an approved work site (or other program) relevant to the course of study. Repeatable to 6 credits. Prerequisites: Appropriate foundational and major area coursework and consent of advisor and on-site supervisor. Repeatable to 6 credits.

KIN 590. Individual Research in Kinesiology. 1-4 Credits.
Library, laboratory or field research of an approved project in Kinesiology. Repeatable to 4 credits. Prerequisites: KIN 501 and consent of the student's faculty advisor. Repeatable to 4 credits.

KIN 592. Directed Readings in Kinesiology. 2-3 Credits.
Extensive readings to cover a student's area of specialization and interest; written reports are required (may be repeated to a total of six credits). Prerequisites: KIN 501 and consent of the student's faculty advisor. Repeatable to 6 credits.

KIN 996. Continuing Enrollment. 1-12 Credits.
Repeatable. S/U grading.

KIN 997. Independent Study. 2 Credits.

KIN 998. Thesis. 1-9 Credits.
Minimum of 4 credits for thesis option. Repeatable to 9 credits. F,S,SS.