

KINESIOLOGY THEORY (KINT)

KINT 1301 Introduction to Kinesiology 3 Credits

Department: College of Education Human Dev

This course is designed to provide a basic overview of Physical Education, Exercise Science, Fitness and Sports.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 1305 Introduction to Sport and Recreational Management 3 Credits

Department: College of Education Human Dev

History, principles and objectives of the sport and recreational management profession; an overview of the structure of the sport and recreational industry; introduction to the scope and variety of career opportunities in industry.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 2371 Functional Anatomy/Physiology 3 Credits

Department: College of Education Human Dev

A study of human movement from the perspectives of anatomy, physiology and kinesiology. Emphasis on the analysis of sport-skill performance.

Prerequisite(s): BIOL 2401

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 2372 Sport and Recreational Administration 3 Credits

Department: College of Education Human Dev

A study of principles, problems, human relationships and procedures in supervision and recreational administration. Involves theories of leadership, programs and philosophies in the sport industry.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 2374 Psychology of Sport 3 Credits

Department: College of Education Human Dev

Psychological perspectives of sport; personalities of sports participants and current literature related to psychological aspects of sport. Offered: Fall, Spring, Summer

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 2376 Care and Prevention of Sports Injuries 3 Credits

Department: College of Education Human Dev

A study of the treatment and prevention of specific sport injuries. The injuries may be a result of activity in the home, recreational, intramural or extramural setting.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 2377 Lifetime Physical Activity 3 Credits

Department: College of Education Human Dev

This course is designed to assist students in developing lifetime physical activity programs and outdoor/adventure education education for children of all ages.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 2378 Applied Fitness Concepts 3 Credits

Department: College of Education Human Dev

Instruction and application of basic fitness principles relative to various aerobic and anaerobic activities.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3130 Exercise Physiology Lab 1 Credit

Department: College of Education Human Dev

Laboratory experiences designed to enhance student comprehension of human physiological responses presented in Exercise Physiology lecture.

Prerequisite(s): BIOL 2402

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3310 Wellness Strategies 3 Credits

Department: College of Education Human Dev

A study of learner differences and instruction theories commonly utilized by fitness professionals. Theories and practices of common exercise barriers for various exercise populations and settings.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3315 Biomechanics 3 Credits

Department: College of Education Human Dev

A qualitative study of the mechanics associated with human movement. Specific emphasis is on the anatomical structures and mechanics involved with movements and actions in various sports or physical activities. Through biomechanical analysis, students learn to design programs to enhance performance, prevent injuries, and rehabilitate previous injuries.

Prerequisite(s): KINT 2371

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3318 Research Methods 3 Credits

Department: College of Education Human Dev

An examination of research methodology and technical writing techniques utilized in exercise science.

Prerequisite(s): MATH 1342 or PSYC 2317

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3320 Management Skills 3 Credits

Department: College of Education Human Dev

This course is designed to help students develop class management and instructional skills necessary for daily physical education.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3322 Strength & Conditioning 3 Credits

Department: College of Education Human Dev

An examination of skeletal muscular physiology as it applies to muscle function and development through training. Discussion of current training techniques and physiological outcomes.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3324 Metabolic Effects of Sport and Exercise 3 Credits

Department: College of Education Human Dev

A study of the biochemical demands placed on the body under various training protocols. An emphasis is placed on the nutrient demands of the body in respect to meeting training goals.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3330 Exercise Physiology 3 Credits

Department: College of Education Human Dev

A study of the functions of the physiological systems during and after exercise.

Prerequisite(s): BIOL 2402

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3340 Metabolic Effects Sport/Exerc 3 Credits

Department: College of Education Human Dev

A study of the biochemical demands placed on the body under various training protocols. An emphasis is placed on the nutrient demands of the body in respect to meeting training goals.

Prerequisite(s): KINT 3330 and FCSC 1322

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3342 Cardiopulmonary Exercise Physiology 3 Credits

Department: College of Education Human Dev

The purpose of this course is to provide the student with a thorough understanding of the structure and function of human cardiopulmonary system at rest and during exercise.

Prerequisite(s): KINT 3330

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3344 Electrocardiography 3 Credits

Department: College of Education Human Dev

Designed to examine the function and electrical activity of the heart and how this relates to the electrocardiogram. More specifically, the students will learn the basic elements of reading normal and abnormal EKGs and the overview relevant physiology necessary to understand cardiac function and the electrical activity of the heart.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3350 Inclusive and Adaptive Physical Education 3 Credits

Department: College of Education Human Dev

This course is designed to help students identify the unique needs of school-age children and develop appropriate inclusive and adapted physical education programs and activities for these individuals.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3352 Legal Issues in Sport and Recreation 3 Credits

Department: College of Education Human Dev

Explores the relationship between sport and law, and the fundamentals of law used by sport and recreational managers, including contract law, tort law, employment and discrimination law, the effect of state and federal statutes on recreational activities and sport, and current legal issues in the industry.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3353 Event Management in Sport and Recreation 3 Credits

Department: College of Education Human Dev

Identification of the type of events common to sport and recreation. An examination of the principles involved in planning and managing the events.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3354 Cultural Differences and Diversity in Sport 3 Credits

Department: College of Education Human Dev

Examination of the diversity of sport and organizations and culture both ethnically and geographically.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3355 Sport and Recreational Facility Planning 3 Credits

Department: College of Education Human Dev

Examination of the principles involved in planning and managing sports and recreational facilities.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3360 Secondary Methods and Activities 3 Credits

Department: College of Education Human Dev

A study of current trends, issues and pedagogical approaches to the teaching and learning of physical education in the secondary school curriculum. Emphasis on selection of appropriate contents, planning and teaching process.

Prerequisite(s): KINT 3370

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3361 Sports Medicine Administration 3 Credits

Department: College of Education Human Dev

This is an advanced level course designed for students interested in pursuing athletic training or physical therapy. This course will cover administration issues in sports medicine. Topics will include: legal issues in sports medicine, record keeping methods, rules and regulations, facility design and maintenance, budgeting, insurance billing and issues, and special topics. This course is highly recommended before license as an athletic trainer in the state of Texas.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3362 Therapeutic Modalities/Spr Med 3 Credits

Department: College of Education Human Dev

This is an advanced level course designed for students interested in pursuing athletic training or physical therapy. This course will cover indications, contraindications, uses and application of the various therapeutic modalities available for use in sports medicine. In addition, this course will also cover in detail the healing process with regards to athletic injuries. This course is a requirement for licensure as an athletic trainer in the state of Texas.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3363 Sport Media and Public Relations 3 Credits

Department: College of Education Human Dev

Professional communications covering internal communication to mass media specific to the unique setting of sport and recreation.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3370 Motor Development 3 Credits

Department: College of Education Human Dev

Principles of motor development in children, including developmental stages and the understanding of motoric trends in human growth and development from birth throughout life.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 3371 Principles of Coaching 3 Credits**Department:** College of Education Human Dev

A comprehensive approach to theories and principles of coaching. The course will focus on helping with a fundamental understanding of the skills necessary in becoming a successful coach. Topics to be examined include; developing a coaching philosophy, coaching goals, building character, teaching athletic skills, organization, motivation, goal setting, training and management skills.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 3380 Testing Procedures and Measurements 3 Credits****Department:** College of Education Human Dev

A study of the common fitness and sport performance tests utilized in Exercise Science. Testing types; protocols; procedures; errors, and interpretations of results are examined.

Prerequisite(s): KINT 3330**Grade Mode(s):** Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 3390 Elementary Methods and Activities 3 Credits****Department:** College of Education Human Dev

A study of trends, issues and pedagogical approaches to teaching and facilitating learning of physical education in the elementary school curriculum. Emphasis on selection of appropriate content, planning, instruction and assessment.

Prerequisite(s): KINT 3370**Grade Mode(s):** Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4300 Individual Study 3 Credits****Department:** College of Education Human Dev

Selected problems in the discipline; not to be used in lieu of a class. May be repeated for credit. Class by consultation. Prerequisite: Senior standing and consent of department head.

May be Repeated for a maximum of 9 hours

Restriction(s):Students with a class of Freshman, Junior or Sophomore may **not** enroll.**Grade Mode(s):** Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4301 Workshop 3 Credits****Department:** College of Education Human Dev

A number of workshops are designed to advance the professional competence of students. For each description, the particular area of study will be indicated. May be repeated for credit when nature of workshop differs from one previously taken. Not to be used in lieu of a class.

May be Repeated for a maximum of 9 hours

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4310 Curriculum and Programming 3 Credits****Department:** College of Education Human Dev

This course examines curriculum development, instructional resources, program objectives and integrating interdisciplinary concepts into physical education programs.

Prerequisite(s): KINT 3360 and KINT 3390**Grade Mode(s):** Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4312 Senior Seminar 3 Credits****Department:** College of Education Human Dev

Students will prepare for their career by examining issues, trends, and best practices in physical education. Emphasis given to professional development, legal and ethical requirements, advocacy, leadership and engagement.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4315 Electrocardiography 3 Credits****Department:** College of Education Human Dev

Designed to examine the function and electrical activity of the heart and how this relates to the electrocardiogram. More specifically, the students will learn the basic elements of reading normal and abnormal EKG's and the relevant physiology necessary to understand cardiac function and the electrical activity of the heart.

Prerequisite(s): KINT 3330**Grade Mode(s):** Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4318 Neuromuscular Physiology 3 Credits****Department:** College of Education Human Dev

Students will expand on their background in the structural, metabolic, and physiologic constructs of neuromuscular physiology and its functional application. These concepts will be applied to exercise and physical training. Age, gender, race and clinical issues will be explored.

Prerequisite(s): KINT 3330**Grade Mode(s):** Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4320 Therapeutic Rehab in Sprts Med 3 Credits****Department:** College of Education Human Dev

This is an advanced level course designed for students interested in pursuing athletic training or physical therapy. This course will cover all aspects of athletic injury rehabilitation including but not limited to: designing appropriate rehabilitation programs, aquatic therapy programs, functional activity rehabilitation, and return-to-activity requirements for athletic populations. This course is a requirement for licensure as an athletic trainer in the state of Texas.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4321 Eval of Athletic Injuries I 3 Credits****Department:** College of Education Human Dev

This is an advanced level course designed for students interested in pursuing athletic training or physical therapy. This course will cover in detail the injury evaluation process of the upper extremity, thoracic and cervical spines, and the head and face. This course will also cover an evaluation of hitting and throwing mechanisms. This course is a requirement for licensure as an athletic trainer in the state of Texas.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4322 Eval of Athletic Injuries II 3 Credits****Department:** College of Education Human Dev

This is an advanced level course designed for students interested in pursuing athletic training or physical therapy. This course will cover in detail the injury evaluation process of the lower extremity, lumbar spine, and pelvis, including basic general medical conditions. This course will also cover an evaluation of postural assessment and gait evaluation. This course is a requirement for licensure as an athletic trainer in the state of Texas.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 4323 Practicum in Exercise Science 3 Credits**Department:** College of Education Human Dev

This course provides students with hands-on, practical experiences with contemporary issues as it relates to exercise science. In addition, current career options, professional skills, and qualifications necessary for exercise science professionals will be discussed.

Prerequisite(s): KINT 3330**Grade Mode(s):** Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4330 Motor Learning 3 Credits****Department:** College of Education Human Dev

Principles of neuromuscular control mechanisms and correlates of movement behavior and motor learning. Presentation of materials dealing with the learning process, aspects of the learner and variables influencing learning.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4332 Finance and Budgeting for Sport and Recreation 3 Credits****Department:** College of Education Human Dev

Study of financial theories and practical application as they impact sport and recreation revenues and expenditures; familiarization with current issues and trends in financing sport and recreational organizations.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4333 Human Resource Management in Sport and Recreation 3 Credits****Department:** College of Education Human Dev

Examination of the principles of human relations within sport and recreational organizations to include recruitment, selection, training, supervision, promotion and termination of personnel.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4334 Ethics in Sport 3 Credits****Department:** College of Education Human Dev

Analysis and implementation of ethical thought decision-making process within the multivalued contexts of the sports industry.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4335 Marketing for Sport & Rec 3 Credits****Department:** College of Education Human Dev

Examination of the rapidly-developing sport and recreation industry from a marketing perspective; familiarization of marketing terms and tools needed in the industry; introduction to the various aspects of marketing that are utilized in creating a marketing plan.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4340 Sport Administration 3 Credits****Department:** College of Education Human Dev

Introduction to the business strategies of a high school athletics including an in-depth look at human resources, organization structure, strategies of facility management and budgeting. Additional topics will include the community affairs/relations and player relations for high school athletic programs.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4341 Sport Practicum 3 Credits****Department:** College of Education Human Dev

This course will provide an opportunity for the coaching minor students to observe, assess, and gain experience in an organization of their interest. This will afford students opportunities to organize and conduct activities under close supervision. Through this type of exposure, the student will receive practical, on-the-job experience in one or more types of sport and leisure delivery agencies.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4350 Exercise Prescription 3 Credits****Department:** College of Education Human Dev

A study of the appropriate exercise design and implementation for healthy individuals seeking physical fitness or improvement in sports performance.

Prerequisite(s): KINT 3330**Grade Mode(s):** Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4355 Fitness Special Populations 3 Credits****Department:** College of Education Human Dev

A directed study in the development of exercise programs for individuals with a specific disability or health limitation that warrants special attention by the exercise professional.

Prerequisite(s): KINT 3330**Grade Mode(s):** Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4360 Measurement and Evaluation 3 Credits****Department:** College of Education Human Dev

A study of practical measurement and evaluation procedures used in the assessment of human performance. Includes construction of evaluation instruments, experience in test administration and the use of elementary statistical procedures in test score interpretations.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4380 Contemporary Issues in Sports 3 Credits****Department:** College of Education Human Dev

This course studies modern day sports and its effect on society and various institutions within sport.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4620 Practicum in Sport and Recreation Management 6 Credits****Department:** College of Education Human Dev

Supervised internship at selected public or private sport and recreation institutions.

Prerequisite(s): KINT 4350**Grade Mode(s):** Standard Letter, Registrar do not use FN, Registrar do not use FS**KINT 4630 ESFM Preceptorship 6 Credits****Department:** College of Education Human Dev

Supervised internship at selected public and private agencies and/or institutions.

Prerequisite(s): KINT 4350**Grade Mode(s):** Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5310 Trends and Issues 3 Credits**Department:** College of Education Human Dev

Designed to assist the student to become knowledgeable on current trends and issues in the area of Kinesiology. Study will include historical, analytical, and projective approaches. Course may be repeated for a maximum of six semester hours as the topic varies.

May be Repeated for a maximum of 6 hours

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5312 Independent Study 3 Credits**Department:** College of Education Human Dev

Intensive study in an area of special interest. Course may be repeated for a maximum of six semester hours as the topic varies. Prerequisite: Demonstrated competence for independent work and research methods, and consent of active teaching member of graduate faculty.

May be Repeated for a maximum of 9 hours

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5320 Kinesiology & Sport Pedagogy 3 Credits**Department:** College of Education Human Dev

A comprehensive introduction for Kinesiology teachers, Kinesiology supervisors, teacher educators and coaches to apply research to enhance instruction. Bridging the gap between research and practice in Kinesiology and sport. Offered: Fall

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5326 Motor Learning 3 Credits**Department:** College of Education Human Dev

A formalized and scientific study of learning, performance and related factors as applied to gross motor skills.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5330 Sport Administration 3 Credits**Department:** College of Education Human Dev

Developing analytical skills and attitudes of top management in administering the organization as a whole and the interrelationships of all problems in the organization. Establishment of strategic objectives, analysis of changing environments, developing strategies, formulating policies, decision making and problem analysis.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5334 Coaching:Theory & Practice 3 Credits**Department:** College of Education Human Dev

Survey and discussion of current topics in coaching theories and coaching practices.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5335 Sport Psychology 3 Credits**Department:** College of Education Human Dev

Through a combination of lecture, discussion, and group activities students will gain a knowledge base of theories, issues, and psychological principles associated with sports. Emphasis will be placed upon current issues/trends related to sports through individual readings and discussions. Topics will be analyzed with respect to how each influences the profession as well as the individual athlete. Offered: other

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5336 Physical Activity,Fitness/Hlth 3 Credits**Department:** College of Education Human Dev

This course intends to present some of the factors and effects on the involvement and promotion of physical activity and fitness. It will further analyze some of the different manifestations of physical activity and fitness in different populations and ways to assess it.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5337 Sports Supplements and Ergogenic Aids 3 Credits**Department:** College of Education Human Dev

Examination of pharmacological and nutritional agents commonly used to enhance muscular development and exercise performance.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5340 Scientific Basis of Exercise 3 Credits**Department:** College of Education Human Dev

A study of professional literature and laboratory experimentation on the role of physical activities and their effects on the human organism.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5342 Environmental Exercise Physio 3 Credits

Department: College of Education Human Dev

A study as to how environmental factors affect physical performance and physiological adaptations of training in extreme environments.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5343 Cardiopulmonary Exe Physiology 3 Credits

Department: College of Education Human Dev

The purpose of this course is to provide the student with a thorough understanding of the structure and function of the human cardiopulmonary system during exercise.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5344 Strength & Conditioning 3 Credits

Department: College of Education Human Dev

Theoretical and practical concepts for the development and monitoring of training programs for strength, fitness and conditioning. Survey of relevant literature and practical applications.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5346 Fitness Assessment & Prescript 3 Credits

Department: College of Education Human Dev

A study of the appropriate exercise design and implementation for healthy individuals seeking physical fitness or improvement in sports performance. Hands-on experience is obtained by experiences/projects which involve the assessment of fitness and design of appropriate exercise for individuals outside of the class.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5348 Lab Techniques 3 Credits

Department: College of Education Human Dev

A graduate course for Kinesiology majors, this course emphasizes the use and application of laboratory facilities in the study of human development.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5350 Biomechanics 3 Credits

Department: College of Education Human Dev

A qualitative study of the mechanics associated with human development, with an emphasis on the analysis of various sport skills and physical activities. Utilization of biomechanical programs to analyze human movement will be emphasized.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5360 Research Methods 3 Credits

Department: College of Education Human Dev

Familiarity with types of research in Kinesiology with emphasis on tools and techniques of research and research design.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5365 Stats Application Kinesiology 3 Credits

Department: College of Education Human Dev

A study of statistical theory with application of quantitative and qualitative techniques commonly used in Kinesiology research.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5367 Measurement & Evaluation 3 Credits

Department: College of Education Human Dev

This course covers topics related to the construction, administration and analysis of assessment tools in physical education and other human performance applications. Concepts of statistics, reliability and validity as they relate to assessing different aspects of human physical activity.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS

KINT 5390 Thesis 3 Credits

Department: College of Education Human Dev

Prerequisite: Approval of Graduate advisor. Must complete both for required 6 hours. Offered: Fall, Spring, Summer

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Satisfactory/Unsatisfactory, Registrar do not use FN, Registrar do not use FS, Thesis/Dissertation

KINT 5391 Thesis 3 Credits

Department: College of Education Human Dev

Prerequisite: Approval of Graduate advisor. Must complete both for required 6 hours. Offered: Fall, Spring, Summer

May be Repeated for a maximum of 12 hours

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Satisfactory/Unsatisfactory, Registrar do not use FN, Registrar do not use FS, Thesis/Dissertation

KINT 5680 Internship 6 Credits

Department: College of Education Human Dev

Supervised internship at selected public or private agencies and/or institutions.

Restriction(s):

Undergraduate level students may **not** enroll.

Grade Mode(s): Standard Letter, Registrar do not use FN, Registrar do not use FS