KINS Kinesiology

KINS 1090 Selected Topics in Physical Activity
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Provides an introduction to alternative physical activity courses.
Cross Listing(s): KINS 1010S.

KINS 1090S Selected Topics in Physical Activity
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Provides an introduction to alternative physical activity courses.
Cross Listing(s): KINS 1090.

KINS 1110 Aerobics
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic aerobic skills and knowledge.

KINS 1111 Aerobic Cross Training
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to challenge the experienced student's basic aerobic exercise techniques and knowledge. Intermediate skills and knowledge will be introduced. It is recommended that students be able to participate in a minimum of 20 minutes of continuous aerobic activity prior to enrolling in the course.

KINS 1112 Badminton
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic badminton skills and knowledge.
Cross Listing(s): KINS 1112S.

KINS 1112S Badminton
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic badminton skills and knowledge.
Cross Listing(s): KINS 1112.

KINS 1113 Basketball
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic basketball skills and knowledge.

KINS 1114 Body Conditioning
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the student to the proper techniques and safety concerns in body conditioning.

KINS 1115 Bowling
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic bowling skills and knowledge. An additional fee is required.

KINS 1116 Canoeing
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
This course is designed to introduce the safe and skilled use of a canoe and canoe camping.

KINS 1117 Dance: Ballet
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce beginning ballet techniques. Basic barwork and various combinations will be included.

KINS 1118 Dance: Clogging
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic clogging steps and dance routines.

KINS 1119 Dance: Country Western
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce popular country-western couple dances such as the Texas Two-Step, Sway, etc. Basic dance steps such as the waltz, two-step, and cha-cha will be included.

KINS 1120 Mountaineering
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic mountaineering techniques, including climbing, navigation, and safety skills. An additional fee is required.

KINS 1210 Dance: Folk
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce folk dances from a variety of nationalities/countries of the world.

KINS 1211 Dance: Line
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce a variety of popular line dances which are performed without a partner. The dances are primarily country-western in nature and involve basic steps.

KINS 1212 Dance: Modern
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the elements of dance, proper warm up techniques, basic modern dance movement and creative application of dance principles.
Cross Listing(s): KINS 1212S.

KINS 1212S Dance: Modern
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic steps and variations for eight selected ballroom dances.
Cross Listing(s): KINS 1213S.

KINS 1213 Dance: Square
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic steps and variations for eight selected ballroom dances.
Cross Listing(s): KINS 1213.

KINS 1214 Dance: Tap
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce beginning square dance movements and beginning square dance routines.

KINS 1215 Dance: Tap
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the eight elements of dance, proper warm-up techniques, basic tap steps, and an application of skills learned.

KINS 1216 Equestrian
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce fundamental skills and basic knowledge necessary for riding a horse safely. An additional fee is required.

KINS 1217 Fencing
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic fundamentals and skills of foil fencing.

KINS 1218 Fitness Walking
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce students to walking as a fitness activity while implementing a walking program.

KINS 1219 Football: Flag
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce flag football skills, rules, and strategies.

KINS 1310 Golf
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce golf skills, fundamentals and knowledge. An additional fee is required.
Cross Listing(s): KINS 1310S.
KINS 1310S Golf
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce golf skills, fundamentals and knowledge. An additional fee is required.
Cross Listing(s): KINS 1310.

KINS 1311 Jogging
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic fundamentals of jogging and cardiovascular training.

KINS 1312 Outdoor Education Activities
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce knowledge and skills that will enhance participation in outdoor activities.

KINS 1313 PA for People with Disabilities I
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed for the student with a disabling condition who cannot satisfy the physical activity requirement provided through the other activity course listings. This course provides individualized programs with a variety of training modalities modified for the individual student. An introduction to a variety of physical activity concepts, skills, and techniques (Level I) will also be presented.

KINS 1314 PA for People with Disabilities II
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed for the student with a disabling condition who cannot satisfy the physical activity requirement provided through the other activity course listings. This course provides an individualized program with a variety of training modalities modified for the individual student. A variety of physical activity concepts, skills, techniques (Level II) will also be presented.

KINS 1315 PA for People with Disabilities III
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed for the student with a disabling condition who cannot satisfy the physical activity requirement provided through the other activity course listings. This course provides an individualized program with a variety of training modalities modified for the individual student. A variety of physical activity concepts, skills, and techniques (Level III) will also be presented.

KINS 1316 PA for People with Disabilities IV
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed for the student with a disabling condition who cannot satisfy the physical activity requirement provided through the other activity course listings. This course provides an individualized program with a variety of training modalities modified for the individual student. A variety of physical activity concepts, skills, and techniques (Level IV) will also be presented.

KINS 1317 Racquetball
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic racquetball skills and knowledge.

KINS 1318 Scuba
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the fundamental skills and knowledge necessary for entry level certification and to meet the standards set forth by the Recreational Scuba Training Council (RSTC). An additional fee is required.

KINS 1319 Self Defense
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic self-defense techniques and principles.
Cross Listing(s): KINS 1319S.

KINS 1319S Self Defense
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic self-defense techniques and principles.
Cross Listing(s): KINS 1319.

KINS 1310 Soccer
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic soccer skills and knowledge.

KINS 1411 Softball
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic softball skills and knowledge.

KINS 1412 Swimming
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic skills and knowledge for swimming effectively and safely.

KINS 1413 Swimming: Aquatic Aerobics
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce students of various ages and fitness levels to participate in a vigorous, aerobic activity while reducing the change of injury. Activities which promote cardiovascular endurance, muscular strength and endurance, and flexibility are emphasized and modified to be done in an aquatic setting.

KINS 1414 Swimming: Fitness
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the student to the type and quality of exercise needed to maintain a high degree of fitness through a vigorous exercise program in the swimming pool.

KINS 1415 Tennis
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic tennis skills and knowledge.

KINS 1416 Tumbling
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic tumbling skills and knowledge.

KINS 1417 Volleyball
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic volleyball skills and knowledge.
Cross Listing(s): KINS 1417S.

KINS 1417S Volleyball
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic volleyball skills and knowledge.
Cross Listing(s): KINS 1417.

KINS 1418 Weight Training
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic weight training skills and knowledge.

KINS 1419 Water Safety: Survival Swimming
1 Credit Hour. 1 Lecture Hour. 2 Lab Hours.
A course designed to introduce mountaineering techniques and knowledge.
Cross Listing(s): MSC 1510.

KINS 1511 Ultimate Frisbee
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic ultimate Frisbee skills and knowledge.

KINS 1512 Yoga and Pilates
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
This course will introduce the student to the fundamental concepts of Yoga and Pilates, encourage the appreciation of leisure activities, and promote a healthy lifestyle.

KINS 1513 Swing/Shag
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic Swing/Shag Dance skills and knowledge.
KINS 1514  Spinning
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic aerobic skills and knowledge pertinent to understanding and participating in spinning.

KINS 1515  Fitness for Life
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basics of weight management through exercise and nutritional education.

KINS 1516  Beginning Archery
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
To introduce the student to the fundamental concepts/technique of archery, and to encourage the appreciation of leisure activities in promoting a healthy lifestyle.

KINS 1519  Rock Climbing
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Students will learn the skills needed to rock climb indoors. Students will learn knot tying, proper handling of a rope, how to put on a climbing harness, proper belaying techniques, spotting, and basic climbing techniques and terms.

KINS 2110  Aerobics: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experience student's basic aerobic exercise techniques and knowledge. Intermediate skills and knowledge will be introduced. It is recommended that students be able to participate in a minimum of 20 minutes of continuous aerobic activity prior to enrolling in the course.

KINS 2112  Badminton: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's basic skills and knowledge. Intermediate strategies are introduced.

KINS 2113  Basketball: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's basic basketball skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2115  Bowling: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's basic bowling skills and knowledge. Intermediate skills and strategies will be introduced. It is recommended that students average 130 or higher prior to enrolling in this course. An additional fee is required.

KINS 2117  Dance: Ballet Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's fundamental understanding of ballet techniques and introduce the students to basic choreography of a short self-created dance.

KINS 2210  Scuba: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced diver's skills and knowledge. Intermediate skills and strategies will be introduced. It is recommended that students shoot between 85-115 for 18 holes prior to enrolling in this course. An additional fee is required.

KINS 2219  Football: Flag Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's basic flag football skills and knowledge. Intermediate football skills and strategies will be introduced.

KINS 2310  Golf: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's basic golf skills and knowledge. Intermediate skills and strategies will be introduced. It is recommended that students shoot between 85-115 for 18 holes prior to enrolling in this course. An additional fee is required.

KINS 2317  Racquetball: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's basic racquetball skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2318  Self Defense: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's basic self-defense skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2321  Clinical Skills in Athletic Training I
2 Credit Hours. 0 Lecture Hours. 6 Lab Hours.
This course provides the student with a supervised clinical experience in athletic training. Clinical assignment, clinical skill competencies and clinical proficiency evaluation are included in this course. Content of this course includes; lower extremity taping, bracing and pad fabrication, skills in emergency and non-emergency life threatening injury and illness care.

KINS 2322  Clinical Skills in Athletic Training II
2 Credit Hours. 0 Lecture Hours. 6 Lab Hours.
This course provides the student with a supervised clinical experience in athletic training. Clinical assignment, clinical skill competencies and clinical proficiency evaluation are included in this course. Content of this course includes; upper extremity taping, wrapping, bracing, immobilization and protective devices.

KINS 2340  Soccer: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic soccer skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2410  Volleyball: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic volleyball skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2411  Softball: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic softball skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2412  Swimming: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic swimming skills and knowledge. Intermediate skills and knowledge will be introduced.

KINS 2415  Tennis: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic tennis skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2417  Fencing: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's basic fencing skills and knowledge. Intermediate skills and strategies will be introduced.
KINS 2418 Weight Training: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic weight training techniques and knowledge. Intermediate techniques and programs will be introduced.

KINS 2419 Swimming: Water Polo
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Designed to introduce the student to water polo basic skills and knowledge.

KINS 2420 Lifeguard Training
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Prepares students to meet the requirements of the American Red Cross and qualify for certification as a lifeguard.

KINS 2421 Water Safety Instruction
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Prepares the student to meet the requirements of the American Red Cross and qualify for certification as a water safety instructor.

KINS 2431 Foundations of Health and Physical Education
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Defines health and physical education and their role within the school curriculum. Introduces past, present, and future issues with school-based health and physical education. Reviews the HPE program requirements and sequence, and initiates student portfolio project. Introduces fundamental pedagogical concepts and components including instructional strategies, developmentally appropriate practice, planning, managerial strategies and assessment. Observations in a variety of public school roles including administration, physical education and health classroom teaching is required. Assist teachers in facilitating lesson segments.

KINS 2511 Human Anatomy and Physiology I Laboratory
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
The laboratory component of the first course in a two semester sequence in which human anatomy and physiology are studied using a body systems approach, with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. The laboratory course is intended to provide students with hands on experiences that will enhance and reinforce the content of KINS 2531. The experiences will be structured to encourage critical thinking, understanding of scientific methodology and the application of scientific principles.

KINS 2512 Human Anatomy and Physiology II Laboratory
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
The laboratory component of the second course in a two semester sequence in which human anatomy and physiology are studied using a body systems approach, with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. The laboratory course is intended to provide students with hands on experiences that will enhance and reinforce the content of KINS 2532. The experiences will be structured to encourage critical thinking, understanding of scientific methodology, and the application of scientific principles.

KINS 2531 Human Anatomy and Physiology I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A two semester sequence in which human anatomy and physiology are studied using a body systems approach, with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. Course content includes: basic anatomical and directional terminology; fundamental concepts and principles of cell biology; histology; the integumentary, skeletal, muscular, and nervous systems; special senses; and the endocrine system.

KINS 2532 Human Anatomy and Physiology II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A two semester sequence in which human anatomy and physiology are studied using a body systems approach, with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. This course is a continuation of KINS 2531 and includes the cardiovascular system, the lymphatic system and immunity, the respiratory system, the digestive system and metabolism, the urinary system, fluid/electrolyte and acid/base balance and the reproductive systems.

Prerequisite(s): A minimum grade of "C" in KINS 2531.
Cross Listing(s): KINS 2532H.

KINS 2532H Human Anatomy & Physiology II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A two semester sequence in which human anatomy and physiology are studied using a body systems approach, with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. This course is a continuation of KINS 2531 and includes the cardiovascular system, the lymphatic system and immunity, the respiratory system, the digestive system and metabolism, the urinary system, fluid/electrolyte and acid/base balance and the reproductive systems.

Prerequisite(s): A minimum grade of "C" in KINS 2531.
Cross Listing(s): KINS 2532.

KINS 2533 Pathophysiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces abnormal physiological health transitions across the lifespan incorporating evidence-based interaction in professional practice. Disorders affecting cells, organs, and systems involved in the regulation of structure and function within the human organism are examined. How diseases affect the structures, functions, and systems of the human organism are explored. The influence of genetics, ethnicity, environment, and age are incorporated.

Prerequisite(s): A minimum grade of "C" in KINS 2512 and KINS 2532.

KINS 2535 Introduction to Exercise Science
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A career-based introduction to the field of Exercise Science and the Exercise Science major at Georgia Southern University. Students will explore resources that can enhance their academic and career goals. Students will also meet medical, health promotion and fitness professionals, as well as representatives from graduate schools, that can help them learn more career requirements and opportunities in these fields.

Cross Listing(s): KINS 2535S.

KINS 2535S Introduction to Exercise Science
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A career-based introduction to the field of Exercise Science and the Exercise Science major at Georgia Southern University. Students will explore resources that can enhance their academic and career goals. Students will also meet medical, health promotion and fitness professionals, as well as representatives from graduate schools, that can help them learn more career requirements and opportunities in these fields.

Cross Listing(s): KINS 2535.

KINS 3111H Kinesiology Honors Thesis Seminar I
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
This is a seminar course that prepares students to complete a senior honors thesis proposal. The student will develop a research topic, a review of literature, and first draft of a research proposal.

KINS 3112H Kinesiology Honors Thesis Seminar II
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
This is the second seminar course, students will complete the final research proposal, develop and defend an oral presentation of their research proposal, and complete IRB and IBC forms necessary to collect data for their Senior Honors Thesis.
KINS 3125 Technology in Sport
2 Credit Hours.  1 Lecture Hour.  2 Lab Hours.
This course is designed to introduce coaching behavior students to
existing technologies in sport and how those technologies can enhance
sport performance.

KINS 3130 Research Methods in Kinesiology
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduces the student to fundamental principles underlying research
methods in kinesiology. Included will be basic procedures for conducting
experimental, descriptive, historical, qualitative research, computer
applications, basic measurement concepts, statistical methods, critical
thinking and scholarly writing.
Cross Listing(s): KINS 3130S, KINS 3130H.

KINS 3130H Research Methods in Kinesiology (H)
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduces the student to fundamental principles underlying research
methods in kinesiology. Included will be basic procedures for conducting
experimental, descriptive, historical, qualitative research, computer
applications, basic measurement concepts, statistical methods, critical
thinking and scholarly writing.
Cross Listing(s): KINS 3130, KINS 3130S.

KINS 3131 Biophysical Foundations of Human Movement
3 Credit Hours.  0.2 Lecture Hours.  0.3 Lab Hours.
Surveys biological systems and physical principles as applied to human
movement and the relationship of these systems and principles to the
development of the study of human movement.
Prerequisite(s): A minimum grade of "C" in KINS 2511 and KINS 2512
and KINS 2531 and KINS 2532.

KINS 3132 Foundations of Exercise and Sport Psychology
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduces the student to how individuals behave in physical activity
settings. Psychological antecedents and consequences of primary and
secondary involvement in exercise and sport will be explored.
Prerequisite(s): PSYC 1101.

KINS 3230 Motor Control, Coordination, and Skill
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Focuses on the nature of motor skill performance, motor skill learning, and
the factors influencing motor skill acquisition.
Prerequisite(s): PSYC 1101 and a minimum grade of "C" in KINS 3131
or KINS 3541 and Permission of Instructor.

KINS 3231 Clinical Applications in Athletic Training I
2 Credit Hours.  0 Lecture Hours.  6 Lab Hours.
This course provides the student with a supervised clinical experience in
athletic training. Clinical assignment, clinical skill competencies and clinical
proficiency evaluation are included in this course. Content of this course includes;
therapeutic modality laboratory experience.
Prerequisite(s): A minimum grade of "C" in KINS 2322 and Athletic
Training major status.

KINS 3232 Clinical Applications in Athletic Training II
2 Credit Hours.  0 Lecture Hours.  6 Lab Hours.
This course provides the student with a supervised clinical experience in
athletic training. Clinical assignment, clinical skill competencies and clinical
proficiency evaluation are included in this course. Content of this course includes;
abdominal injury and illness evaluation.
Prerequisite(s): A minimum grade of "C" in KINS 3321 and Athletic
Training major status.

KINS 3330 Prevention of Injury and Illness in Athletic Training
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course provides an introduction to the profession of athletic training.
The student will be acquainted with the domains of athletic training.
Emphasis will be based on basic emergency management as well
as injury prevention including strength and conditioning, nutrition and
supplements, environmental considerations and protective equipment.
Prerequisite(s): A minimum grade of "C" in HLTH 2120 and KINS 2511
and KINS 2512 and KINS 2531 and KINS 2532.

KINS 3331 Pathology and Care of Athletic Injury and Illness
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course will emphasize the recognition of common athletic injuries and
illness. Emphasis will be placed on pathology as well as mechanism, signs
and symptoms, evaluation findings and basic management and/or referral
of injuries and illness.
Prerequisite(s): A minimum grade of "C" in KINS 3330.

KINS 3426 Coaching Baseball and Softball
0.2 Credit Hours.  0.2 Lecture Hours.  0 Lab Hours.
Provides the prospective coach with the knowledge and understanding of
basic skills, fundamentals, techniques, team organization, team strategy
and conditioning in baseball and softball.

KINS 3427 Coaching Basketball
0.2 Credit Hours.  0.2 Lecture Hours.  0 Lab Hours.
Provides the prospective coach with the knowledge and understanding of
basic skills, fundamentals, techniques, team organization, team strategy
and conditioning in basketball.

KINS 3428 Coaching Football
2 Credit Hours.  1 Lecture Hour.  3 Lab Hours.
Provides the prospective coach with the knowledge and understanding of
basic skills, fundamentals, techniques, team organization, team strategy,
and conditioning in football.

KINS 3429 Coaching Olympic Sports
2 Credit Hours.  1 Lecture Hour.  3 Lab Hours.
Provides the prospective coach with the knowledge and understanding of
basic skills, fundamentals, techniques, team organization, team strategy,
and conditioning in three of the following sports: golf, soccer, tennis, track
and field, volleyball and other Olympic sports.

KINS 3430 Principles of Coaching
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduces the student to the sport science principles of coaching. Topics
include philosophy, psychology, pedagogy, physiology, management, first
aid and injury prevention. Successful completion of the course leads to
certification by the National Federation Interscholastic Coaches Education
Program.

KINS 3431 Psychology of Coaching
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Provides the prospective coach with the science and practice of
various sport psychology principles as applied to coaching and athletic
performance.

KINS 3432 Elementary Physical Education I
3 Credit Hours.  1 Lecture Hour.  4 Lab Hours.
Provides the introduction to a developmentally appropriate approach to
teaching the elementary physical education content (gymnastics, games,
and dance). Focus in on gymnastic and dance-like activities to build a
movement foundation that encourages learners to resolve movement
problems in unique ways. Balance, tumbling, movement exploration,
whole and part body expression, and simple rhythms are the core to these
learning activities. Students will be required to design and implement a
variety of movement challenges for elementary learners.
Prerequisite(s): Admission into the Teacher Education Program in Health
and Physical Education.
KINS 3433  Elementary Physical Education II
3 Credit Hours.  1 Lecture Hour.  4 Lab Hours.
Along with KINS 3432, it is designed to focus on a developmentally appropriate approach to teaching the foundations of movement to children. Focus is on dance and game-like activities to build a movement foundation that encourages learners to resolve movement problems and manipulate objects in unique ways. Movement exploration, whole and part body expression, rhythms, game creation, game variations, game strategies and game/cooperative skills are the core to these learning activities. Also emphasizes the inclusion of fitness concepts in the elementary curriculum. Students will be required to design and implement a variety of movement challenges for elementary learners.
Prerequisite(s): Admission into the Teacher Education Program in Health and Physical Education and a minimum grade of "C" or higher in KINS 3432.

KINS 3435  Life Span Motor Development
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Develops the ability to survey the developmental perspective of motor development, the knowledge of changing motor behavior, the knowledge of the factors affecting motor development and the ability to apply information about motor development sequences and developmental constraints analysis to the teaching of motor skills.
Prerequisite(s): Admissions into Teacher Education Program in Health and Physical Education.

KINS 3436  Performance and Technique in Physical Activity I
0.3 Credit Hours.  0.1 Lecture Hours.  0.4 Lab Hours.
Enhances the knowledge, skill and understanding of activities and games pertinent to middle and high school physical education. Identifies appropriate teaching sequences, assessment strategies, and developmentally appropriate modifications to enhance student learning. Reviews and analyzes "traditional" game and sports activities and concerns in regard to maximizing learning. Skill, strategy and conceptual transfer, across activities and games, will be identified to enhance learner skillfulness and adaptability. Content focus will be on traditional and non-traditional games and activities involving individual and group skills to diversify movement efficiency. Students will be required to design and implement a variety of movement challenges for middle and high school learners. Strategies for integrating fitness concepts into these activities will be addressed.
Prerequisite(s): Admission into the Teacher Education Program in Health and Physical Education.

KINS 3437  Performance and Technique in Physical Activity II
3 Credit Hours.  1 Lecture Hour.  4 Lab Hours.
Enhances the knowledge, skill, and understanding of dance, cooperative and adventure activities pertinent to middle and high school physical education. Identifies appropriate teaching sequences, assessment strategies and developmentally appropriate modifications to enhance student learning. Reviews and analyses strategies for incorporating these activities into the middle and high school curriculum. Skill, strategy and conceptual transfer, across activities will be identified to enhance learner skillfulness and adaptability. Content focus will be on activities which develop social dance, teamwork, communication and outdoor/adventure skills and to diversify movement efficiency. Students will be required to design and implement a variety of movement challenges for middle and high school learners. Strategies for integrating fitness concepts into these activities will be addressed. This course will involve two weekend adventure experiences.
Prerequisite(s): A minimum grade of "C" in KINS 3436 and admission into the Teacher Education Program in Health and Physical Education.

KINS 3438  Principles of Personal Training
3 Credit Hours.  2 Lecture Hours.  2 Lab Hours.
The objective of the class is to develop an understanding of the physiological mechanisms and basic skills necessary to evaluate healthy populations and prescribe exercise. Additionally, this class is set up as a means to prepare students to sit for the national personal trainer certification (NSCA-CPT).
Prerequisite(s): A minimum grade of "C" in KINS 3541.

KINS 3541  Structural Kinesiology
0.4 Credit Hours.  0.3 Lecture Hours.  0.3 Lab Hours.
This course surveys biological systems and physical principles as applied to human movement and the relationship of these systems and principles to the development of the study of human movement.
Prerequisite(s): A minimum grade of "C" in KINS 2511 and KINS 2512 and KINS 2531 and KINS 2532.

KINS 3542  Physiological Aspects of Exercise
0.4 Credit Hours.  0.3 Lecture Hours.  0.3 Lab Hours.
Provides an in-depth perspective of physiological and biochemical responses of the human body when subjected to exercise.
Prerequisite(s): A minimum grade of "C" in KINS 3131 or KINS 3541.

KINS 3543  Biomechanical Analysis of Movement
0.4 Credit Hours.  0.3 Lecture Hours.  0.3 Lab Hours.
Focuses on the study of human motion through an examination of forces acting on the body and the effects produced by these forces.
Prerequisite(s): A minimum grade of "C" in KINS 3131 or KINS 3541 and PHYS 1111 and PHYS 1113.

KINS 4099  Religion, Spirituality, & Sport
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.
Provides the student with an in-depth study of selected topics in kinesiology.
Prerequisite(s): Permission of Instructor.

KINS 4111H  Kinesiology Honors Thesis Seminar III
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.
In a seminar setting, students will continue writing and revising their thesis. This course provides the student with the opportunity to revise manuscript proposal based upon previous work in Honors Thesis Seminar I and II. Student will be guided through primary data collection and analysis. Student will complete writing the first draft of the Research Manuscript.

KINS 4112H  Kinesiology Honors Thesis Seminar IV
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.
Students will complete a Honor's Research thesis and successfully defend their original research project to their Research Director and Research Committee. Revisions to the Honor's thesis will be based upon feedback from the oral defense. To demonstrate proficiency in oral research presentation, students will present their original research at the Honors Research Symposium and Phi Kappa Phi Research Symposium and/or a regional professional conference. Finally, students will submit the final Research Manuscript for publication in a professional peer reviewed journal.

KINS 4130  Administrative Principles in Kinesiology
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Focuses on the study of the processes of planning, organizing, directing and controlling the functioning of movement based professions (exercise science, athletic training).
Prerequisite(s): Senior status and school approval.

KINS 4131  Population Health Care Strategies
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Overview of the levels of prevention, epidemiological principles and their impact on health promotion and disease prevention. A major focus is primary prevention relative to exercise/activity. Emphasis is placed on the clinical application of activity for improving health.
Prerequisite(s): Junior or Senior status or Permission of Instructor.
KINS 4195S International Studies Abroad in Health and Kinesiology
3-9 Credit Hours. 3-9 Lecture Hours. 0 Lab Hours.
This course offers students the opportunity to examine health, nutrition and food science, or kinesiology practices in a foreign country through travel abroad. Classroom instruction will be combined with on-site experiences to provide a realistic learning experience.
Prerequisite(s): Junior or Senior status.
Cross Listing(s): NTFS 4195S.

KINS 4231 Fitness Evaluation and Exercise Prescription
0.3 Credit Hours. 0.2 Lecture Hours. 0.3 Lab Hours.
Provides the student with an in-depth study of fitness appraisal and exercise prescription and the development, interpretation, implementation and management of fitness programs.
Prerequisite(s): A minimum grade of "C" in HLTH 1520 and KINS 3541 or KINS 3131; and prior or concurrent enrollment with a minimum grade of "C" in KINS 3542 or Permission of Instructor.

KINS 4330 Evaluation of Lower Extremity Injuries
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Presents principles and techniques in the clinical evaluation of athletic injuries and illnesses involving the lower extremities, thoracic/limb bar spine and gait analysis.
Prerequisite(s): A minimum grade of "C" in KINS 3331.

KINS 4331 Evaluation of Upper Extremity Injuries
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Presents principles and techniques in the clinical evaluation of athletic injuries and illnesses involving the upper extremities, head, face and cervical spine.
Prerequisite(s): A minimum grade of "C" in KINS 4330.
Corequisite(s): KINS 4333.

KINS 4332 Therapeutic Modalities in Athletic Training
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces the student to the physiological effects associated with therapeutic modalities used in the treatment and rehabilitation of athletic injuries.
Prerequisite(s): A minimum grade of "C" in PHYS 1112 and KINS 2511 and KINS 2512.

KINS 4333 Therapeutic Exercise and Rehabilitation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Imparts knowledge pertaining to the physiological effects, indications, contraindications, and applications of therapeutic exercise in the rehabilitation of athletic injuries and illnesses.
Prerequisite(s): A minimum grade of "C" in KINS 2511 and KINS 2512.

KINS 4334 General Medical and Pharmacological Issues in Athletic Training
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course acquaints the student with general medical and pharmacological issues in the athletic population.
Prerequisite(s): A minimum grade of "C" in CHEM 1146 or CHEM 1146H and KINS 3331.

KINS 4420 Sport Conditioning Laboratory
0.2 Credit Hours. 0.2 Lecture Hours. 0 Lab Hours.
Prepares students to undertake responsibilities in the areas of coaching, fitness programming and or related areas.

KINS 4421 Principles of Officiating
2 Credit Hours. 1 Lecture Hour. 3 Lab Hours.
Provides the prospective coach with the knowledge and understanding of principles and basic techniques of officiating selective sports.

KINS 4430 Instructional Design in Health and Physical Education for Elementary Students
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Develops skills and knowledge related to teaching physical education to young or beginning learners. Specifically the course will be oriented toward developing an understanding of the characteristics and needs of children, appropriate curriculum content in elementary school physical education and effective teaching skills for elementary school physical education. To the extent possible, the majority of the course will be conducted in elementary schools, providing continuous opportunities to observe, plan for, teach and evaluate teaching physical education lessons on a regular basis.
Corequisite(s): EDFU 3232.

KINS 4431 Instructional Design in Health and Physical Education for Middle and High School Students
0.3 Credit Hours. 0.3 Lecture Hours. 0 Lab Hours.
Develops instructional skills in planning, teaching and evaluating psychomotor, cognitive and affective learning in large group settings. The emphasis will be on intermediate level learning about current health issues and health related fitness at the high school level, and game/sport, dance, and fitness activities at the middle and high school levels. Specifically the course will be oriented toward developing an understanding of the characteristics of youths in both middle school and high school, appropriate curriculum content in middle school physical education, appropriate curriculum content in high school health education, and effective teaching skills for middle school physical education and high school health education.
Prerequisite(s): KINS 4430.

KINS 4432 Adapted Physical Education
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is an introductory course designed to provide students with the knowledge and basic skills required to meet the professional and legal mandates pertaining to physical education for individuals with disabilities.
Prerequisite(s): KINS 4430 and Admission into the Teacher Education Program.
Corequisite(s): KINS 4431.

KINS 4617 Senior Seminar in Health and Physical Education
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Provides senior level health and physical education majors with a colloquium in which to discuss job search strategies, trends and current issues in the profession, certification issues in education, student teaching responsibilities, and advocacy strategies for promoting the profession.

KINS 4618 Senior Seminar in Athletic Training
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
This course provides senior level athletic training students with a colloquium in which to discuss current athletic training issues and topics. Emphasis will be placed on professional responsibility, as well as ethical practice, and rules and regulations that govern the practice of athletic training. Course also includes: employment opportunities, professional development and continuing education.

KINS 4721 Clinical Practicum in Athletic Training I
2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course provides the student with a supervised clinical experience in athletic training. Clinical assignment, clinical skill competencies and clinical proficiency evaluation are included in this course. Content of this course includes: advanced techniques in manual muscle testing, goniometric measurements and orthotic fabrication.
Prerequisite(s): A minimum grade of "C" in KINS 3322 and Athletic Training major status.
KINS 4722  Clinical Practicum in Athletic Training II  
2 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
This course provides the student with a supervised clinical experience in athletic training. Clinical assignment, clinical skill competencies and clinical proficiency evaluation are included in this course. Content of this course includes; research methods, professional presentations and athletic training administration.  
Prerequisite(s): A minimum grade of "C" in KINS 4721 and Athletic Training major status.  

KINS 4730  Coaching Practicum  
3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
Provides the student with supervised coaching experience in a sport.  
Prerequisite(s): Beginning coaching course in sport or Permission of Instructor.  

KINS 4735  Practicum in Exercise Science  
3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
Offers the student the opportunity to participate in appropriate laboratory techniques and practices within the biophysical and behavioral domains of exercise science.  
Prerequisite(s): Permission of Exercise Science Program Coordinator.  

KINS 4799  Internship in Exercise Science  
12 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
Provides the senior level Exercise Science major student with a practical experience in an appropriate exercise setting.  
Cross Listing(s): KINS 4799S.  

KINS 4799S  Internship in Ex Sci  
12 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
Provides the senior level Exercise Science major student with a practical experience in an appropriate exercise setting.  
Cross Listing(s): KINS 4799.  

KINS 4899  Directed Individual Study  
1-3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor.  
Prerequisite(s): Permission of Instructor.  

KINS 4999  Senior Thesis  
6 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
Provides the student with a capstone experience focusing on designing and conducting an original research project or assisting a faculty mentor in ongoing research.  
Prerequisite(s): 3.0 GPA and Permission of Exercise Science Program Coordinator.