SCHOOL OF KINESIOLOGY, APPLIED HEALTH AND RECREATION

Courses

**HHP 1703 Introduction to Exercise Science**

*Description:* An introductory course of the general history, theories, principles, nature and scope of Exercise Science. This includes foundations and sub-disciplines, an understanding of essential skills, and career opportunities.

*Credit hours:* 3
*Contact hours:* Lecture: 3 Contact: 3
*Levels:* Undergraduate
*Schedule types:* Lecture
*Department/School:* Kinesiology, Appl Health, Rec

**HHP 1753 Introduction to Physical Education**

*Description:* The nature, scope and significance of physical education. Historical and philosophical foundations, major sub-disciplines and their interrelationships, and career opportunities. Previously offered as PE 1753.

*Credit hours:* 3
*Contact hours:* Lecture: 3 Contact: 3
*Levels:* Undergraduate
*Schedule types:* Lecture
*Department/School:* Kinesiology, Appl Health, Rec

**HHP 1823 Pedagogy of Non-Traditional Activities, Rhythm, and Movement**

*Prerequisites:* HHP and RMRT majors and minors only.

*Description:* Introduction of activities typically taught to supplement individual or team sports in addition to basic fundamentals and methods of movement skills for rhythms including social, creative, developmental, and multicultural dance and activities. Content includes teaching strategies, assessments, skills analysis, skill components, concepts, terms, safety issues, selection of developmentally appropriate activities, and scope and sequencing of skill components by grade level.

*Credit hours:* 3
*Contact hours:* Lecture: 3 Contact: 3
*Levels:* Undergraduate
*Schedule types:* Lecture
*Department/School:* Kinesiology, Appl Health, Rec

**HHP 1843 Pedagogy of Individual Activities**

*Prerequisites:* HHP and RMRT majors and minors only.

*Description:* Introduction of activities typically taught as individual sports and activities. Teaching strategies, skill components, terms, safety issues, and selection of developmentally appropriate individual activities, scope and sequencing of skill components, assessment, lesson structure, and writing performance objectives. Previously offered as HHP 1842.

*Credit hours:* 3
*Contact hours:* Lecture: 3 Contact: 3
*Levels:* Undergraduate
*Schedule types:* Lecture
*Department/School:* Kinesiology, Appl Health, Rec

**HHP 2222 Introduction to Health Aspects of Gerontology**

*Description:* An introductory course of the physical and physiological aspects of aging combined with common pathology and intervention.

*Credit hours:* 2
*Contact hours:* Lecture: 2 Contact: 2
*Levels:* Undergraduate
*Schedule types:* Lecture
*Department/School:* Kinesiology, Appl Health, Rec

**HHP 2553 Basic Athletic Injury Management**

*Prerequisites:* HHP 2654.

*Description:* Identification of emergency medical situations and application of basic care for injury occurring in school and athletic setting.

*Credit hours:* 3
*Contact hours:* Lecture: 3 Contact: 3
*Levels:* Undergraduate
*Schedule types:* Lecture
*Department/School:* Kinesiology, Appl Health, Rec

**HHP 2602 First Aid**

*Description:* A competency- and performance-based first aid course. Course previously offered as HLTH 2602.

*Credit hours:* 2
*Contact hours:* Lecture: 2 Contact: 2
*Levels:* Undergraduate
*Schedule types:* Lecture
*Department/School:* Kinesiology, Appl Health, Rec

**HHP 2654 Applied Anatomy**

*Prerequisites:* BIOL 1114 or (BIOL 1113 and BIOL 1111).

*Description:* Action and location of individual muscles and muscle groups. Anatomy as applied to a living person. Common anatomical injuries and diseases will be presented with each joint structure. Lab sections will be structured around specific content area for students' discipline. Course previously offered as HHP 2653 and HLTH 2653.

*Credit hours:* 4
*Contact hours:* Lecture: 3 Lab: 2 Contact: 5
*Levels:* Undergraduate
*Schedule types:* Lab, Lecture, Combined lecture and lab
*Department/School:* Kinesiology, Appl Health, Rec

**HHP 2658 Medical Terminology for the Health Professions**

*Prerequisites:* BIOL 1114 or (BIOL 1113 and BIOL 1111).

*Description:* Basic knowledge and understanding of medical language and terminology used in allied health and health professions.

*Credit hours:* 2
*Contact hours:* Lecture: 2 Contact: 2
*Levels:* Undergraduate
*Schedule types:* Lecture
*Department/School:* Kinesiology, Appl Health, Rec

**HHP 2802 Medical Terminology for the Health Professions**

*Prerequisites:* BIOL 1114 or (BIOL 1113 and BIOL 1111).

*Description:* Basic knowledge and understanding of medical language and terminology used in allied health and health professions.

*Credit hours:* 2
*Contact hours:* Lecture: 2 Contact: 2
*Levels:* Undergraduate
*Schedule types:* Lecture
*Department/School:* Kinesiology, Appl Health, Rec

**HHP 3010 Health and Human Performance Workshop**

*Description:* Concentrated study of selected areas of health and human performance, including problems in instruction and administration not usually addressed in the undergraduate curriculum. Course previously offered as HPEL 3010. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

*Credit hours:* 1-3
*Contact hours:* Contact: 1-3 Other: 1-3
*Levels:* Undergraduate
*Schedule types:* Independent Study
*Department/School:* Kinesiology, Appl Health, Rec
HHP 3114 Physiology of Exercise
Prerequisites: MATH 1513.
Description: A study of the various bodily systems, including major organs and tissues, and how they respond to acute and chronic exercise of varying intensity, duration and frequency. Course previously offered as PE 3114.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Kinesiology, Appl Health, Rec

HHP 3123 Principles of Personal Training
Description: To develop an understanding of the basic skills and competencies in personal training and evaluation and prepare for the National Strength and Conditioning Association (NSCA) personal trainer certification exam. A detailed study of personal training inclusive of musculoskeletal and cardiorespiratory anatomy, resistance training, aerobic exercises, nutrition, health appraisal, fitness testing, flexibility, and plyometric training. The role of the personal trainer will also be addressed.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 3133 Sport Supplements For Human Performance
Description: To develop an understanding of the proper selection and administration of sport supplements, risk factors involved in consuming supplements, and discussion of how specific supplements may or may not affect performance.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 3233 General Medical Concepts
Prerequisites: HHP 2654, HHP 2664, and ZOOL 3204, CHEM 1314, HHP 3673.
Description: Specific pathologies, medical conditions, and possible avenues for treatment of non-orthopedic conditions. Based in current medical research, theory and practical outcomes.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 3333 Ethics in Sports Administration and Coaching
Description: Exploration of the ethical, legal, and professional dilemmas that occur in athletic administration and coaching.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 3433 Early Laboratory Clinical Experiences in Physical Education
Prerequisites: HHP 1753 or consent of the instructor.
Description: The initial pre-professional clinical experience for schools, kindergarten through grade twelve, with primary duties including assisting in physical education classes. Required for full admission to Professional Education. Graded on a pass-fail basis. Previously offered as HHP 3431.
Credit hours: 3
Contact hours: Lecture: 1 Lab: 4 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Kinesiology, Appl Health, Rec

HHP 3443 Psychosocial Aspects of Sport and Coaching
Description: Examination of the psychological aspects of sport that impact the performances of coaches and athletes.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 3553 Theory and Practice of Coaching
Description: The purpose of the course is to introduce and analyze the essential concepts and knowledge concerned with coaching in sports and related areas. This course provides a platform from which deeper knowledge in specific sub disciplines can be acquired through class specialization.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 3663 Biomechanics
Prerequisites: HHP 2654.
Description: The study of anatomical mechanical phenomena underlying human motion. Application of biomechanical concepts to a wide variety of exercise, fundamental movement, sport and physical activity. Course previously offered as PE 3663.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 3753 Methods in Teaching Elementary Physical Education
Prerequisites: HHP 1753, and HHP 1833, and HHP 1843, and HHP 3433.
Description: Instructional styles, implementation of behavioral goals and objectives through unit and lesson preparation, teaching methods and classroom management. Course previously offered as PE 3753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
HHP 3773 Methods in Teaching Secondary Physical Education
Prerequisites: HHP 1753, and HHP 1833, and HHP 1843, and HHP 3433.
Description: Instructional styles, implementation of behavioral goals and objectives through unit and lesson preparation, teaching methods and classroom management. Course previously offered as PE 3773.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 3883 Coaching Internship
Description: Experience working with individual athletes, teams, coaches, and others in a practical setting.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

HHP 3924 Therapeutic Exercise
Prerequisites: HHP 3802.
Description: Scientific methods used in therapeutic exercise and rehabilitation of injuries. Investigation of mechanisms of injury, anatomical structures involved and methodological approach in designing rehabilitative programs. Course previously offered as HHP 3923, HHP 4923, and HLTH 4922.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Kinesiology, Appl Health, Rec

HHP 3933 Tactical Strength and Conditioning
Prerequisites: Exercise Science major, or consent of instructor
Description: Theoretical and practical knowledge necessary to design safe and effective strength and conditioning programs for improving human performance for the Tactical Athlete (i.e., law enforcement, firefighters, and military personnel). Emphasis will be placed on the fundamental principles underlying the prescription of aerobic and anaerobic fitness and performance regimes to enhance occupational performance.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 3993 Building and Sustaining a Successful Sports Program
Description: Students learn skills and knowledge necessary to build a successful and sustainable sports program.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4010 Directed Study
Prerequisites: Written approval by department head.
Description: Supervised readings, research or independent study of trends and issues related to the area of health, physical education or leisure services. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

HHP 4013 Motor Control and Learning
Prerequisites: BIOL 3204 or HHP 3114.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4063 Neuroanatomy
Description: Comprehensive overview of the normal structure and function of the nervous system and its divisions under conditions of normal health as well as disease. Designed for neuroscientists, pre-medical, and health professions students. An introduction to clinically-oriented neurological assessment will be provided.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4083 Physiology of Aging
Description: This course will focus on how key physiological systems, such as musculoskeletal, neuromuscular, and sensory organs, develop and function throughout different phases of the human lifespan. Additionally, pathophysiologicals associated with physical performance and age-related declines of these systems will be discussed at length.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4124 Principles of Strength and Conditioning
Description: Designing and implementing safe and effective strength training and conditioning programs and apply exercise prescription principles for training, injury prevention, and reconditioning. This course is also designed to prepare students for the National Strength and Conditioning Association (NSCA) Certified Strength and Conditioning Specialist (CSCS) exam. Previously offered as HHP 4123.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Kinesiology, Appl Health, Rec
HHP 4243 Research Methods in Athletic Training
Prerequisites: STAT 2013.
Description: Interactive study of importance and process of conducting ethical research in athletic training and the healthcare professions. Emphasis placed on research design, ethics, collection of data, and the dissemination of results.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4443 International Perspectives of Coaching
Prerequisites: Permission of the Instructor.
Description: Students will acquire experiential coaching opportunities in an international environment, and will design and deliver coaching across a variety of sports and across multiple age groups.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4451 Athletic Training Practicum V
Prerequisites: Successful completion of HHP 3461.
Description: Directed observation in supervised advanced laboratory and clinical experiences in athletic training.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Kinesiology, Appl Health, Rec

HHP 4461 Athletic Training Practicum VI
Prerequisites: Successful completion of HHP 3233, HHP 4451.
Description: Directed observation in supervised advanced laboratory and clinical experiences in athletic training.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Kinesiology, Appl Health, Rec

HHP 4480 Internship in Health and Human Performance
Prerequisites: Last semester senior standing with cumulative GPA of 2.50.
Description: Supervised experience in school (physical education and health), community worksite or athletic training settings in order to qualify or prepare for appropriate teaching and professional certification. Course previously offered as PE 4480. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

HHP 4643 School Health and Safety for Physical Educators
Description: Health and safety content for which physical educators are held responsible.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4723 Assessment in Physical Education
Prerequisites: Full admission to professional education.
Description: Evaluation techniques commonly used by physical educators and health professionals to measure knowledge, attitudes, sport skill proficiency and physical fitness. Course previously offered as PE 4723.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4733 Organization, Administration and Curriculum in Physical Education and Athletics
Prerequisites: HHP 3753, HHP 3773 or concurrent enrollment; full admission to professional education.
Description: Curricular design and management of physical education (P-12) and athletic programs. Course previously offered as PE 4733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4773 Principles of Exercise Testing and Prescription
Prerequisites: HHP 3114.
Description: Study of principles of exercise testing including submaximal and maximal tests, exercise and basic electrocardiography, and guidelines for recommending exercise as related to health promotion and exercise science. Course previously offered as HLTH 4773.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4783 Adapted Physical Education
Prerequisites: HHP 3753, HHP 3773, full admission to Professional Education.
Description: Cognitive and psychomotor characteristics of disabling conditions, needs and challenges of educating the exceptional learner in the regular physical education program. Course previously offered as PE 4793.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4793 Organization, Administration and Curriculum in Physical Education and Athletics
Prerequisites: HHP 3753, HHP 3773, full admission to Professional Education.
Description: Curricular design and management of physical education (P-12) and athletic programs. Course previously offered as PE 4733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 4793 Administration and Organization of Athletic Training Programs
Prerequisites: HHP 4451.
Description: The administration and organization of athletic training programs including planning and implementation, certification procedures, code of professional practice, safety standards and resource management. Course previously offered as HLTH 4933.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
HHP 4970 Internship AES: Pre-Professional
Prerequisites: HHP 3114 & HHP 4773
Description: The internship program for Applied Exercise Science (AES) at Oklahoma State University is intended for students to observe and gain practical experience in a professional environment in which they plan to work as a career. The internship experience consists of securing a placement such as a hospital setting, rehabilitation clinic, commercial fitness site, athletic trainer, athletic strength and conditioning department, or similar areas. Evaluation of the internship experience rests on the supervising faculty and internship supervisor. Graded pass/fail.
Credit hours: 1-5
Contact hours: Contact: 1-5 Other: 1-5
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

HHP 4980 Internship in AES: Strength and Conditioning
Prerequisites: HHP 3114 & HHP 4124
Description: The internship program for Applied Exercise Science (AES) at Oklahoma State University is intended for students to observe and gain practical experience in a professional environment in which they plan to work as a career. The internship experience consists of securing a placement such as a hospital setting, rehabilitation clinic, commercial fitness site, athletic trainer, athletic strength and conditioning department, or similar areas. Evaluation of the internship experience rests on the supervising faculty and internship supervisor. Graded pass/fail.
Credit hours: 1-5
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

HHP 5000 Master's Thesis
Description: Independent research required of candidates for master's degree. Credit awarded upon completion of thesis. Course previously offered as HPEL 5000. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

HHP 5010 Seminar
Description: Selected topics from the profession not covered in other courses. Presentation and critique of research proposals and results. Course previously offered as HPEL 5010. Offered for variable credit, 1-2 credit hours, maximum of 4 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

HHP 5020 Health and Human Performance Workshop
Description: Workshop in selected areas of health and human performance. Course previously offered as HPEL 5020. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5030 Field Problems in Health and Human Performance
Description: Individual investigations of issues in the areas of health and human performance. Course previously offered as HPEL 5030. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

HHP 5033 Advanced Techniques in Orthopedic Assessment
Description: Knowledge in evaluating various upper and lower extremity orthopedic injuries.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5053 Research Design in Leisure, Health and Human Performance
Prerequisites: PSYC 5303 or STAT 5013.
Description: Research design with applicability toward leisure, health and human performance. Conceptual understanding of theory, tools and processes involved in designing research. Course previously offered as LEIS 5053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5063 Neuroanatomy
Description: Comprehensive overview of the normal structure and function of the nervous system and its divisions under conditions of normal health as well as disease. Designed for neuromuscular, pre-medical, and health professions students. An introduction to clinically-oriented neurological assessment will be provided.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5073 Psychological Aspects of Sport
Description: Psychological foundations of sport emphasizing performance enhancement by athletes through psychological training techniques. Course previously offered as HPEL 5073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5083 Physiology of Aging
Description: This course will focus on how key physiological systems, such as musculoskeletal, neuromuscular, and sensory organs, develop and function throughout different phases of the human lifespan. Additionally, pathophysiology associated with physical performance and age-related declines of these systems will be discussed at length.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
HHP 5523 Current Readings in Health
Description: Contemporary research, literature, projections and views as applied to total health and well-being. Course previously offered as HPEL 5523.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5603 Principles of Performance Enhancement
Prerequisites: HHP 2654, HHP 3114, ZOOL 3204.
Description: Theoretical foundation of specific tenets of exercise and performance enhancement. Upon successful course completion students will be eligible to sit for the National Academy of Sports Medicine (NASM) examination for NASM Performance Enhancement Specialist certification.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5703 Principles of Corrective Exercise
Description: A scientific approach to corrective exercise program design and implementation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5733 Motor Learning
Description: Research in psychology and physical education relevant to the understanding of the nature and basis of motor skill learning. Course previously offered as HPEL 5733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5823 Applied Neuromuscular Physiology
Prerequisites: HHP 2654.
Description: Structure and behavior of the human body, especially as it pertains to movement. Particular emphasis will be placed on neuroanatomy, the muscular system, and the neurophysiological basis of human movement. An introduction to clinical motor-related disorders will also be provided. Course previously offered as HPEL 5823.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5843 Applied Biomechanics
Prerequisites: HHP 5823
Description: Instruction and hands-on experience in the applied techniques to measure human movement and performance.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5853 Clin Ex Test & Prescript
Prerequisites: HHP 3114.
Description: An in-depth study of the principles and application of clinical exercise testing including submaximal and maximal tests, oxygen consumption, and electrocardiography. Guidelines to prescribing individualized exercise plans will also be covered. Special attention will be paid to clinical variables and special populations. Course previously offered as HPEL 5853.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

Additional Fees: HPE/CPSY Consummable Mat fee of $15 applies.

HHP 5873 Human Bioenergetics
Prerequisites: HHP 3114.
Description: Human energy production, utilization and storage in response to exercise. Course previously offered as HPEL 5873.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 5923 Readings in Neurophysiology
Prerequisites: HHP 5823: Applied Neuromuscular Anatomy and Neurophysiology.
Description: Establishes a foundation in neurophysiology, particularly relating to the neural control of human movement. Developed through examining original research, especially the seminal articles from this field with special emphasis on areas of contention and controversy.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 6000 Doctoral Dissertation
Description: Exploration and presentation of selected topics and research in health and human performance. Course previously offered as HPEL 6000. Offered for variable credit, 1-25 credit hours, maximum of 25 credit hours.
Credit hours: 1-25
Contact hours: Contact: 1-25 Other: 1-25
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

HHP 6010 Independent Study in Health and Human Performance
Prerequisites: Consent of instructor.
Description: Supervised readings, research or independent study of trends and issues related to the areas of health and human performance. Course previously offered as HPEL 6010. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec
HHP 6020 Research Colloquium
Description: Exploration and presentation of selected topics and research in health and human performance. Course previously offered as HPEL 6020. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

HHP 6063 Grant Writing in Kinesiology, Applied Health, and Recreation
Prerequisites: Consent of instructor.
Description: Develop competitive grant writing skills, budget preparation, identification and selection of funding opportunities, and understanding the review and awards process. Course Previously offered as HHP 6060.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

HHP 6083 Biomedical Signal Acquisition
Description: Writing custom software for use in a laboratory setting using LabVIEW. Intended for any lab-based science degree programs in which signals are acquired and analyzed, especially BIOMEDICAL SIGNALS. Acquiring data, interfacing with laboratory equipment, and analyzing and organizing data, with self-designed custom software program. No prior computer programming knowledge required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

LEIS 1232 Beginning Golf
Description: Theory and practice of basic skills, rules, terminology and etiquette.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
General Education and other Course Attributes: Leisure Performance Activity

LEIS 1242 Beginning Tennis and Racquetball
Description: Theory and practice of tennis and racquetball; basic skills, rules, terminology, and game strategy for singles and doubles play. No credit for students with credit in LEIS 1252.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
General Education and other Course Attributes: Leisure Performance Activity

LEIS 1252 Beginning Tennis
Description: Theory and practice of basic skills, rules, terminology and game strategy for singles and doubles play. No credit for students with credit in LEIS 1242.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
General Education and other Course Attributes: Leisure Performance Activity

LEIS 1322 Bowling
Description: Theory and practice of approaches, deliveries, releases and mechanical principles involved in aiming and follow through.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
General Education and other Course Attributes: Leisure Performance Activity

LEIS 1342 Physical Fitness
Description: Theory and practice of aerobic and weight training activities with learning experiences designed to promote physical fitness.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
General Education and other Course Attributes: Leisure Performance Activity

LEIS 1352 Weight Training
Description: Improvement of muscular strength and endurance in the major muscle groups of the body through progressive resistive exercise. Fundamental anatomy, physiology, mechanical principles, methods and techniques as applied to weight training programs.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
General Education and other Course Attributes: Leisure Performance Activity

LEIS 1362 Self Defense
Description: Theory and practice of self defense; scientific principles of gravity and body control over opposing forces, and principles of contest jujitsu.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
General Education and other Course Attributes: Leisure Performance Activity
LEIS 2112 Rock Climbing
Description: Theory and practice in the basics of technical rock climbing, bouldering and spelunking.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
General Education and other Course Attributes: Leisure Performance Activity

LEIS 2122 Backpacking and Hiking
Description: Theory and practice of outdoor skills and leadership techniques for executing and evaluating a wilderness activity.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
General Education and other Course Attributes: Leisure Performance Activity

LEIS 2322 Recreational Dance
Description: Theory and practice of traditional social dances and a variety of "free style" dance forms.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
General Education and other Course Attributes: Leisure Performance Activity

LEIS 6043 Ethical Issues in Health, Leisure, and Human Performance
Prerequisites: Admission to the Graduate College.
Description: A survey of ethical issues with specific emphasis on health, leisure, and human performance in higher education.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 2413 Introduction to Recreation Management
Description: The nature, scope and significance of recreation and leisure. Delivery systems for recreation, major program areas, and the interrelationship of special agencies and institutions serving the recreation needs of society. Introducing the history, philosophies, and theories related to Recreation Management. Previously offered as RMTR 2413 and RMRT 2413.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 2463 Recreation Management and Recreational Therapy Laboratory
Description: Lecture, discussion and experiential learning of recreation and recreational therapy activities. Adapted activities, small and large group games, sports, arts and crafts, music, dance, drama, outdoor, aquatics, wellness, and cultural activities are included. Students also learn to determine what activities to select for various target populations. Previously offered as RMTR 2463 and RMRT 2463.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Kinesiology, Appl Health, Rec

RM 2473 Foundation of Recreation Management Leadership
Description: Introduction to the principles and practical applications of group leadership techniques, problem solving, supervision of personnel and participants in recreation services and settings. Previously offered as RMTR 2473 and RMRT 2473.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 3010 Workshop in Recreation Management
Prerequisites: Instructor Permission.
Description: Intensive training program on a specialized topic in Recreation Services. Previously offered as RMTR 3010 and RMRT 3010. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RM 3212 Lifeguard Training
Description: Theory and practice of water safety and rescue skills essential for lifeguards. May obtain American Red Cross Lifeguard Training Certification. Previously offered as RMTR 3212 and RMRT 3212.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
RM 3313 Camp Operations and Programs
Description: Operations and programming for day and resident camps. Includes all camp settings and camper populations. Previously offered as RMTR 3313 and RMRT 3313.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 3463 Recreation Program and Event Planning
Prerequisites: RM 2413 and RM 2463.
Description: Emphasis on planning, organization, supervision, promotion and evaluation of recreation programs and special events. Previously offered as RMTR 3463 and RMRT 3463.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 3483 Jr. Internship in Recreation Management
Prerequisites: RM 2413 and RM 2463.
Description: Supervised practical experience with leadership responsibilities for planning, leading, and evaluating recreation activities and programs. Graded on pass-fail basis. Previously offered as RMRT 3483.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RM 4010 Directed Studies in Recreation Management
Prerequisites: Consent of instructor.
Description: Supervised readings, research or study of trends and issues related to Recreation Management. Previously offered as RMTR 4010. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RM 4013 Recreation and a Technologically Advanced Society
Prerequisites: RM 2413 and RM 2463.
Description: Investigate the recreational needs of modern society locally and globally. Consider new methods of recreation participation and communicating recreation information to target populations and devise strategies to implement these methods. Utilize modern tools to incorporate recreation activities into participants’ lives. Previously offered as RMRT 4013. May not be used for degree credit with LEIS 5013 or RMRT 5013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4023 Recreation Specialization and Serious Leisure
Prerequisites: RM 2413 and RM 2463.
Description: The Serious Leisure Theory focuses on leisure participation in which a person is highly concentrated on one pursuit. This course investigates the details of the theory, how this theory can be observed in participants, and how to facilitate recreation and leisure programs to fulfill the needs of those engaged in Serious Leisure pursuits. Previously offered as RMRT 4023. May not be used for degree credit with LEIS 5033 or RMRT 5033.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4213 Water Safety Instructorship
Description: Methods of teaching swimming and aquatic safety with practical application of knowledge, principles and analysis of skills. May obtain American Red Cross Water Safety Instructor’s Certification (WSI). Previously offered as RMTR 4213 and RMRT 4213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4433 Evaluation in Recreation Management Services
Prerequisites: RM 2413 and RM 2463.
Description: Participants, personnel, facilities and organization. Previously offered as RMTR 4433 and RMRT 4433.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4453 Outdoor Education and Interpretation
Description: The Serious Leisure Theory focuses on leisure participation in which a person is highly concentrated on one pursuit. This course investigates the details of the theory, how this theory can be observed in participants, and how to facilitate recreation and leisure programs to fulfill the needs of those engaged in Serious Leisure pursuits. Previously offered as RMRT 4023. May not be used for degree credit with LEIS 5033 or RMRT 5033.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4463 Areas and Facilities in Recreation Management
Prerequisites: RM 3463 or consent of instructor.
Description: Planning, design and development of areas and facilities in recreation service delivery systems. Previously offered as RMTR 4463 and RMRT 4463. May not be used for degree credit with LEIS 5703 or RMRT 5703.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
RM 4473 Recreation in the Natural Environment
Description: Theory and practical application of outdoor recreation concepts with emphasis on philosophies, principles, policies, economics, trends and problems. Previously offered as RMTR 4473 and RMRT 4473. May not be used for degree credit with LEIS 5403 or RMRT 5403.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4481 Senior Seminar in Recreation Management
Prerequisites: RMRT major and completion of a minimum of 15 hours of Recreation Management core or Instructor Permission.
Description: Culmination of course work in Recreation Management. Examine professional practices and philosophies. Previously offered as RMTR 4481 and RMRT 4481.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4493 Administration of Recreation Services
Description: Decision-making, problem solving, personnel policies, legal issues, fiscal policies and budget procedures related to the delivery of recreation services. Previously offered as RMTR 4493 and RMRT 4493.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4513 Recreation and Leisure Education
Prerequisites: RM 2463 and RM 3463.
Description: Models of recreation and leisure education discussed and practices in conjunction with enhancing student's ability with basic skills in facilitating optimal recreation pursuits. Previously offered as RMTR 4513 and RMRT 4513. May not be used for degree credit with LEIS 5513 or RMRT 5513.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4553 Tourism in Recreation Settings
Description: Theory and foundations of the philosophy, principles and practices that associate tourism with recreation agencies and settings. Previously offered as RMTR 4553 and RMRT 4553. May not be used for degree credit with LEIS 5553 or RMRT 5553.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4563 Entrepreneurial Recreation Management
Prerequisites: RM 3463 or consent of instructor.
Description: Introduction to the scope, characteristics and management aspects of the commercial recreation industry from an entrepreneurial perspective. Previously offered as RMTR 4563 and RMRT 4563. May not be used for degree credit with LEIS 5563 or RMRT 5563.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4680 Internship in Recreation Management
Prerequisites: Last semester senior year with cumulative GPA of 2.5, RM 4481 and co-requisite of RM 4683.
Description: Supervised field work experience in Recreation Management. Graded on a pass-fail basis. Must be taken concurrently with RMRT 4683. Previously offered as RMTR 4680 and RMRT 4680. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RM 4683 Administrative Documentation in Internship for Recreation Management
Prerequisites: Last semester senior year with cumulative GPA of 2.5, RM 4481 and co-requisite of RM 4680.
Description: Assignment based course that complements RM 4680 Internship in Recreation Management. Must be taken concurrently with RM 4680. Previously offered as RMTR 4683 and RMRT 4683.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RM 4713 Campus Recreation, Intramurals, and Sport
Description: Program operations, industry standards, and current issues surrounding these areas of the recreation industry. May not be used for degree credit with LEIS 5713 or RMRT 5713. Previously offered as RMTR 4713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RM 4943 Grant Writing and Nonprofit Management
Prerequisites: RM 2413 and RM 2463 or consent of instructor.
Description: Methods and techniques used in grant writing as well as the establishment of a nonprofit agency. Previously offered as RMTR 4943 and RMRT 4943. May not be used for degree credit with LEIS 5943 or RMRT 5943.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
RMRT 2433 Introduction to Recreational Therapy
Description: Theory and application of recreational therapy with emphasis on types of illnesses and disabilities, delivery systems, programming services. Previously offered as RMTR 2433.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 3431 Recreation Management Practicum I
Prerequisites: RMRT 2413
Description: Supervised practical experience with leadership responsibilities for planning, conducting and evaluating activities and programs. Graded on a pass-fail basis. Previously offered as RMTR 3431.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 3432 Recreation Management Practicum II
Description: Supervised practical experience with leadership responsibilities for planning, conducting and evaluating activities and programs. Previously offered as RMTR 3432. Graded on a pass-fail basis.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 4843 Recreational Therapy & Healthcare Administration
Description: Facilitation techniques, leadership, and interventions for the various diagnostic groupings, treatment settings, and individuals seeking assistance from a recreational therapist.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5013 Recreation and a Technologically Advanced Society
Description: Investigate the recreational needs of modern society locally and globally. Consider new methods of recreation participation and communicating recreation information to target populations and devise strategies to implement these methods. Utilize modern tools to incorporate recreation activities into participants’ lives. May not be used for degree credit with RMRT 4013 or RM 4013. Previously offered as LEIS 5013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5020 Workshop in Recreation Management
Prerequisites: Consent of instructor.
Description: Advanced instruction on specialized topic areas in recreation management. Previously offered as LEIS 5020. Offered for variable credit, 1-6 credit hours, maximum of 20 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RMRT 5023 Legal Aspects of Recreation Management, Health, Physical Education, and Leisure Services
Description: The application and interpretation of the law as it applies to teachers, coaches and administrators of recreation management, health, physical education, and leisure services programs. Course previously offered as HHP 5023 and LEIS 5023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5030 Field Problems in Recreation Management
Prerequisites: Consent of instructor.
Description: Applied research within the practice of recreation management. Previously offered as LEIS 5030. Offered for variable credit, 1-6 credit hours, maximum of 20 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RMRT 5033 Recreation Specialization and Serious Leisure
Description: The Serious Leisure Theory focuses on leisure participation in which a person is highly concentrated on one pursuit. This course investigates the details of the theory, how this theory can be observed in participants, and how to facilitate recreation and leisure programs to fulfill the needs of those engaged in Serious Leisure pursuits. May not be used for degree credit with RMRT 4023 or RM 4023. Previously offered as LEIS 5033.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
### RMRT 5073 Recreational Therapy and Geriatrics
**Prerequisites:** LEIS 2433 or consent of instructor.
**Description:** Role of Recreational Therapists (RT) working with geriatric population. Topics include terminology, etiology, prognosis, assessment, and program development in RT. Previously offered as LEIS 5073.
**Credit hours:** 3
**Contact hours:** Lecture: 3 Contact: 3
**Levels:** Graduate
**Department/School:** Kinesiology, Appl Health, Rec

### RMRT 5110 Directed Studies in Recreational Management
**Prerequisites:** Consent of Instructor
**Description:** Supervised readings, research or study of trends and issues related to Recreation Management. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
**Credit hours:** 1-9
**Contact hours:** Contact: 1-9 Other: 1-9
**Levels:** Graduate
**Schedule types:** Independent Study
**Department/School:** Kinesiology, Appl Health, Rec

### RMRT 5113 Graduate Internship in Recreation Management
**Prerequisites:** Graduate student status.
**Description:** Supervised practical experience with leadership responsibilities for planning, leading, and evaluating activities and programs. Previously offered as LEIS 5113.
**Credit hours:** 3
**Contact hours:** Contact: 3 Other: 3
**Levels:** Graduate
**Schedule types:** Independent Study
**Department/School:** Kinesiology, Appl Health, Rec

### RMRT 5120 Workshop in Recreational Therapy
**Prerequisites:** Consent of Instructor.
**Description:** Advanced instruction on specialized topic areas in recreational therapy. Offered for variable credit, 1-6 credit hours per semester for a maximum of 20 credit hours.
**Credit hours:** 1-6
**Contact hours:** Contact: 1-6 Other: 1-6
**Levels:** Graduate
**Schedule types:** Independent Study
**Department/School:** Kinesiology, Appl Health, Rec

### RMRT 5130 Field Problems in Recreational Therapy
**Description:** Applied research within the practice of recreational therapy. Offered for variable credit, 1-6 credit hours, maximum of 20 credit hours.
**Credit hours:** 1-6
**Contact hours:** Contact: 1-6 Other: 1-6
**Levels:** Graduate
**Schedule types:** Independent Study
**Department/School:** Kinesiology, Appl Health, Rec

### RMRT 5231 Formal Report in RMRT
**Prerequisites:** Consent of instructor.
**Description:** Applied research utilized in the creation of a formal report as a culminating product of a master’s program.
**Credit hours:** 1
**Contact hours:** Contact: 1 Other: 1
**Levels:** Graduate
**Schedule types:** Independent Study
**Department/School:** Kinesiology, Appl Health, Rec

### RMRT 5403 Outdoor Recreation
**Prerequisites:** Graduate Student Standing.
**Description:** Theory and practical application of outdoor recreation concepts with emphasis on programs, pursuits, philosophies, principles, policies, economics, trends and problems. Course previously offered as HPEL 5403 and LEIS 5403. May not be used for degree credit with RMTR 4473, RMRT 4473 or RM 4473.
**Credit hours:** 3
**Contact hours:** Lecture: 3 Contact: 3
**Levels:** Graduate
**Schedule types:** Lecture
**Department/School:** Kinesiology, Appl Health, Rec

### RMRT 5413 Organization and Administration of Recreation and Leisure Services
**Prerequisites:** Graduate Student Standing.
**Description:** Systematic approach to problem solving and decision making for structure, personnel management, financing, and program development for recreation and leisure service delivery systems. Course previously offered as HPEL 5413 and LEIS 5413.
**Credit hours:** 3
**Contact hours:** Lecture: 3 Contact: 3
**Levels:** Graduate
**Schedule types:** Lecture
**Department/School:** Kinesiology, Appl Health, Rec

### RMRT 5423 Supervision of Recreation Management People and Programs
**Prerequisites:** Graduate standing.
**Description:** Administrative supervision and leadership in Recreation Management delivery systems. An examination of theories and practices as related to personnel, participants, and facility resources. Previously offered as LEIS 5423.
**Credit hours:** 3
**Contact hours:** Lecture: 3 Contact: 3
**Levels:** Graduate
**Schedule types:** Lecture
**Department/School:** Kinesiology, Appl Health, Rec

### RMRT 5433 Current Issues in Recreation Management
**Description:** Current issues related to the recreation management services profession. Investigation, discussion and analysis of contemporary issues. Previously offered as HPEL 5433 and LEIS 5433.
**Credit hours:** 3
**Contact hours:** Lecture: 3 Contact: 3
**Levels:** Graduate
**Schedule types:** Lecture
**Department/School:** Kinesiology, Appl Health, Rec

### RMRT 5443 Social Foundations of Recreation Management
**Prerequisites:** Graduate standing.
**Description:** Social, psychological, philosophical and historical foundations of recreation and recreation management. The impact of social forces on recreation and leisure throughout history. Course previously offered as HPEL 5443 and LEIS 5443.
**Credit hours:** 3
**Contact hours:** Lecture: 3 Contact: 3
**Levels:** Graduate
**Schedule types:** Lecture
**Department/School:** Kinesiology, Appl Health, Rec
RMRT 5453 Recreation Management and Recreational Therapy Experiential Learning Lab

Description: Lecture, discussion, and experiential lab investigating human behaviors, thoughts, attitudes, and practices related to recreation. The understanding of the complexity of providing recreation and recreational therapy services to a variety of target populations. Previously offered as LEIS 5453.

Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Kinesiology, Appl Health, Rec

RMRT 5463 Issues in Recreational Therapy

Prerequisites: LEIS 2433 or professional experience in recreational therapy.

Description: Current issues in recreational therapy with emphasis on accreditation, certification, licensure, quality assurance and ethics. Previously offered as LEIS 5463.

Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5473 Recreation and Aging

Description: Overview of the recreation needs and services for older adults, with emphasis upon the delivery system and recreation activities. Course previously offered as HPEL 5473 and LEIS 5473.

Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5483 Recreational Therapy for Persons with Physical Disabilities

Prerequisites: LEIS 2433 or professional experience in recreational therapy.

Description: The role of recreational therapy in the treatment and rehabilitation of individuals with physical disabilities. Emphasis on terminology, prognosis, etiology or specific disabilities, program development, assessment. Previously offered as LEIS 5483 and HPEL 5483.

Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5493 Recreational Therapy in Mental Health and Intellectual Disabilities

Prerequisites: LEIS 2433 or professional experience in recreational therapy.

Description: The role of recreational therapists (RT) in mental health or intellectual disabilities with emphasis upon client prognosis and methodologies of treatment programs. Previously offered as LEIS 5493 & HPEL 5493.

Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5513 Recreation and Leisure Education

Description: Models of recreation leisure education discussed and practices in conjunction with enhancing student's ability with basic skills of recreation and leisure counseling to facilitate optimal recreation and leisure pursuits. May not be used for degree credit with RMTR 4513, RMRT 4513 or RM 4513. Previously offered as LEIS 5513.

Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5553 Tourism in Recreation Settings

Description: Theory and foundations of the philosophy, principles and practices that associate tourism with recreation agencies and settings. May not be used for degree credit with RMTR 4553, RMRT 4553 or RM 4553. Previously offered as LEIS 5553.

Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5563 Entrepreneur Recreation Management

Description: Introduction to the scope, characteristics and management aspects of the commercial recreation industry from an entrepreneurial perspective. May not be used for degree credit with RMTR 4563, RMRT 4563 or RM 4563. Previously offered as LEIS 5563.

Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5603 Outdoor Education

Description: Development of a holistic approach to teaching and learning in the outdoors. Learning in, about, and for, the out-of-doors as a process for acquiring skills with which to enjoy outdoor pursuits. May not be used for degree credit with RMTR 4463, RMRT 4463 or RM 4463. Previously offered as LEIS 5603.

Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5703 Areas and Facilities in Recreation Management Services

Description: Planning, design and development of areas and facilities in recreation management service delivery systems. May not be used for degree credit with RMTR 4463, RMRT 4463 or RM 4463. Previously offered as LEIS 5703.

Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec
RMRT 5713 Campus Recreation, Intramurals, and Sport
Description: Program operations, industry standards, and current issues surrounding these areas of the recreation industry. May not be used for degree credit with RMRT 4713 or RM 4713. Previously offered as LEIS 5713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5933 Advanced Methods in Recreational Therapy
Description: Theoretical and practical examination of contemporary implementation procedures used in recreational therapy practice. May not be used for degree credit with RMRT 4933 or RT 4933. Previously offered as LEIS 5933.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 5943 Grant Writing and Nonprofit Management
Description: Methods and techniques used in grant writing as well as the establishment of a nonprofit agency. Previously offered as LEIS 5943. May not be used for degree credit with RMTR 4943, RMRT 4943 or RM 4943.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 6000 Doctoral Dissertation in Recreation Management and/or Recreational Therapy
Description: Required of all candidates for the Doctor of Philosophy degree in Recreation Management. Credit is given upon completion of the dissertation. Previously offered as LEIS 6000. Offered for variable credit, 1-9 credit hours, maximum of 25 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RMRT 6010 Independent Study in Recreation Management
Prerequisites: Consent of instructor.
Description: Supervised readings, research or study of trends and issues related to recreation management studies. Offered for variable credit, 1-3 credit hours, maximum of 20 credit hours. Previously offered as LEIS 6010.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RMRT 6013 Ethical and Professional Issues in RMRT Higher Education
Description: Introduction to higher education issues relevant to professional preparation in recreation management and recreational therapy curricula, including roles of the educator, curriculum development, implementation and management, instructional strategies and accreditation. Previously offered as LEIS 6013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 6020 Recreation Management Research Colloquium
Prerequisites: Graduate student standing.
Description: Exploration and presentation of selected topics and research in recreation management studies. Previously offered as LEIS 3020. Offered for variable credit, 1-3 credit hours, maximum of 20 credit hours. Previously offered as LEIS 6020.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RMRT 6023 Special Topics in Recreation
Prerequisites: Admission to the Graduate College.
Description: Special topics related to recreation, recreational therapy and leisure services. Investigation, discussion and analysis of contemporary topics. Previously offered as LEIS 6023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 6100 Independent Study in Recreational Therapy
Prerequisites: Consent of instructor.
Description: Supervised readings, research or study of trends and issues related to recreational therapy studies. Offered for variable credit, 1-3 credit hours, maximum of 20 credit hours. Previously offered as LEIS 6010.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RMRT 6110 Independent Study in Recreational Therapy
Prerequisites: Consent of instructor.
Description: Supervised readings, research or study of trends and issues related to recreational therapy studies. Offered for variable credit, 1-3 credit hours, maximum of 20 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RMRT 6120 Recreational Therapy Research Colloquium
Prerequisites: Consent of instructor.
Description: Exploration and presentation of selected topics and research in recreational therapy studies. Offered for variable credit, 1-3 credit hours, maximum of 20 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec
RMRT 6453 Recreation Management and Recreational Therapy Behavior
Description: The advanced study of recreation and human behavior. Research related to the understanding of how and why humans engage in recreation, leisure, and play. Previously offered as LEIS 6453.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RMRT 6763 Management in Health, Human Performance, and Recreation Management & Recreational Therapy Setting
Prerequisites: Admission to the Graduate College.
Description: Essential elements of organizational structures, management issues, functions and styles in public, non-profit and private settings in health, human performance, and recreation management & recreational therapy. Course previously offered as HHP 5763, HPEL 5763 and LEIS 6763.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RT 2433 Introduction to Recreational Therapy
Description: Theory and application of recreational therapy with emphasis on types of illnesses and disabilities, delivery systems, programming services. Previously offered as RMTR 2433 and RMRT 2433.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RT 2443 Contemporary Issues in Diversity (DS)
Description: Exploration of the primary and secondary dimensions of diversity and their impact on society. Individual and institutional responses to cultural diversity. Previously offered as EDUC 2443, LEIS 2443, RMTR 2443, and RMRT 2443.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

General Education and other Course Attributes: Diversity, Social & Behavioral Sciences

RT 3110 Workshop in Recreational Therapy
Description: Intensive training program on a specialized topic in recreational therapy. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Kinesiology, Appl Health, Rec

RT 3213 Psychomotor Development
Description: Fundamental aspects of motor development for infants, children, youth and adults. Course previously offered as PE 2712 and HHP 2712.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RT 3413 Recreational Therapy and Mental Illness/Intellectual Disabilities
Prerequisites: RT 2433
Description: The role of Recreational Therapists (RT) working with individuals diagnosed with mental illness and/or intellectual disabilities. Topics include terminology, etiology, prognosis, assessment, and program development in RT. Previously offered as RMTR 3413 and RMRT 3413.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RT 3423 Recreational Therapy in Geriatric Practices
Prerequisites: RT 2433.
Description: The role of Recreational Therapists (RT) working with the geriatric population. Topics include terminology, etiology, prognosis, assessment, and program development in RT. Previously offered as RMTR 3423 and RMRT 3423.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RT 3433 Recreational Therapy and Physical Disabilities
Prerequisites: RT 2433.
Description: The role of Recreational Therapists in the rehabilitation of individuals with physical disabilities. Topics include terminology, etiology, prognosis of specific problems, assessment, and program development in RT. Previously offered as RMTR 3433 and RMRT 3433.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Kinesiology, Appl Health, Rec

RT 3441 Warm Water Therapy Lab
Description: This aquatic lab course is designed to give students valuable hands-on experience with participants with disorders ranging from preschool through senior citizen population. Previously offered as RMTR 3441 and RMRT 3441.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Kinesiology, Appl Health, Rec
RT 3443 Assessment in Recreational Therapy  
**Prerequisites:** RT 2433 or Instructor Permission.  
**Description:** Assessments and documentation used in the Recreational Therapy field and including reviewing and practicing with various assessments, writing notes using the various forms of documentation, writing goals and objectives, and combining knowledge and skills in a comprehensive assignment. Previously offered as RMRT 3443.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Kinesiology, Appl Health, Rec  

RT 3473 Medical Terminology and Procedures for Recreational Therapy  
**Description:** The course covers the basic knowledge documentation including vocabulary, abbreviations, symbols, prefixes, and suffixes typically used in clinical settings in which Recreational Therapists practice. Taken concurrently with Junior Internship Courses. Previously offered as RMTR 3473 & RMRT 3473.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Kinesiology, Appl Health, Rec  

RT 3483 Junior Internship in Recreation Therapy  
**Prerequisites:** RM 2413, RM 2473, RT 3441, and concurrent enrollment in RT 3473 and one course in emphasis areas of study (Recreational Therapy or Leisure Service Management).  
**Description:** Supervised practical experience (minimum 200 contact hours) with leadership responsibilities for planning, conducting and evaluating activities and programs. Previously offered as RMTR 3480, RMRT 3480 and RT 3480. Graded on a pass-fail basis.  
**Credit hours:** 3  
**Contact hours:** Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Independent Study  
**Department/School:** Kinesiology, Appl Health, Rec  

RT 3843 Recreational Therapy Facilitation Techniques & Interventions  
**Description:** Facilitation techniques, leadership, and interventions for the various diagnostic groupings, treatment settings, and individuals seeking assistance from a recreational therapist. Previously offered as RMRT 3843.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Kinesiology, Appl Health, Rec  

RT 4110 Directed Studies in Recreational Therapy  
**Description:** Supervised readings, research or study of trends and issues related to recreational therapy studies. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.  
**Credit hours:** 1-9  
**Contact hours:** Contact: 1-9  
**Levels:** Undergraduate  
**Schedule types:** Independent Study  
**Department/School:** Kinesiology, Appl Health, Rec  

RT 4483 Administrative Documentation in Internship for Recreational Therapy  
**Prerequisites:** Last semester senior year with cumulative GPA of 2.5 and completion of RT 3480, RM 4481 and co-requisite of RT 4480.  
**Description:** Assignment based course that complements RT 4480 Internship in recreational therapy. Must be taken concurrently with RT 4480. Previously offered as RMTR 4483 and RMRT 4483.  
**Credit hours:** 3  
**Contact hours:** Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Independent Study  
**Department/School:** Kinesiology, Appl Health, Rec  

RT 4833 Recreational Therapy and Pediatrics  
**Prerequisites:** RT 2433 or Instructor Permission.  
**Description:** The role of Recreational Therapists in the treatment of the pediatric population (ages 0-18 years) including terminology, etiology, prognosis of specific problems, assessment, treatment, and program development in recreational therapy. Previously offered as RMRT 4833.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Kinesiology, Appl Health, Rec  

RT 4933 Advanced Methods In Recreational Therapy  
**Prerequisites:** RM 3483 and consent of instructor.  
**Description:** Theoretical and practical examination of contemporary implementation procedures used in recreational therapy practice. Previously offered as RMTR 4933 and RMRT 4933. May not be used for degree credit with LEIS 5933 or RMRT 5933.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Kinesiology, Appl Health, Rec