SECTION A – Recorded for inclusion in the 2017-18 Graduate Catalog

COLLEGE OF HEALTH AND HUMAN SCIENCES

Course Revision

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740. DATA ANALYSIS IN THE HEALTH SCIENCES (3). Advanced quantitative sciences. PRQ: UHHS 730, PHHE 605, or STAT 573 and STAT 573A, or consent of school.

COLLEGE OF EDUCATION

All University Section

A Guide to Reading This Catalog

Other Catalog Change

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Course Designators

ACCY—Accountancy
↓
JOUR—Journalism
KNAT—Athletic Training
KNDN—Physical Education Dance
↓

Department of Kinesiology and Physical Education

New Course

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CIP CODE: 51.0913

Athletic Training (KNAT)

500. PRINCIPLES OF ATHLETIC INJURY AND ILLNESS MANAGEMENT AND EMERGENCY CARE (3). An overview of athletic injuries and illness and the principles of injury prevention and emergency management as well as the practical application of selected athletic training procedures. PRQ: Admission to the athletic training program.

502. CLINICAL PHYSICAL EXAMINATION AND DIAGNOSIS IN ATHLETIC TRAINING I (3). In-depth study of the physical examination and diagnosis of common injuries to the spine and extremities. Emphasis on concepts of human anatomy and physiology, pathomechanics and pathophysiology, and evidence based practice. PRQ: KNAT 500.
503. CLINICAL PHYSICAL EXAMINATION AND DIAGNOSIS LAB I (3). Laboratory experience in development of physical examination and diagnostic skills of common injuries to the spine and extremities. CRQ: KNAT 502.

504. CLINICAL PHYSICAL EXAMINATION AND DIAGNOSIS IN ATHLETIC TRAINING II (3). In-depth study of the physical examination and diagnosis of common injuries to the head, chest, thorax and abdomen as well as general medical conditions. Emphasis on concepts of human anatomy and physiology, pathomechanics and pathophysiology, and evidence based practice. PRQ: KNAT 502 and KNAT 503.

505. CLINICAL PHYSICAL EXAMINATION AND DIAGNOSIS LAB II (3). Laboratory experience in development of physical examination and diagnostic skills of common injuries to the thoracic and cervical spine, head and face, thorax, abdomen, and abdomen, as well as general medical conditions. CRQ: KNAT 504.

515. SPECIAL TOPICS AND CULMINATING EXPERIENCE IN ATHLETIC TRAINING (3). Investigation of special topics in athletic training including current research and emerging contemporary issues with a focus on interprofessional experiences. CRQ: KNAT 556.

519. ATHLETIC TRAINING CLINICAL ADMINISTRATION (3). Introduction to research methods and evidence based practice as well as the statistical techniques relevant to athletic training. PRQ: KNAT 502.

520. INTEGRATED THERAPEUTIC INTERVENTIONS IN ATHLETIC TRAINING I (3). An overview of the theory of therapeutic interventions common to the rehabilitation of select musculoskeletal injuries and conditions. Emphasis on the foundational theories such as physiology of injury, pain, stages of healing, altered movement as well as the exercises, modalities, pharmacological and psychosocial interventions specific to the inflammatory and proliferation stages of healing. PRQ: KNAT 502.

521. INTEGRATED THERAPEUTIC INTERVENTIONS IN ATHLETIC TRAINING LAB I (3). Application of therapeutic interventions common to the rehabilitation of select musculoskeletal injuries and conditions. Emphasis on exercises, modalities, pharmacological and psychosocial interventions specific to the inflammatory and proliferation stages of healing. CRQ: KNAT 520.

522. INTEGRATED THERAPEUTIC INTERVENTIONS IN ATHLETIC TRAINING II (3). Overview of the theory of therapeutic interventions common to the rehabilitation of select musculoskeletal injuries and conditions. Emphasis on exercises, modalities, pharmacological and psychosocial interventions specific to the remodeling stage of healing and the return to participation. Special considerations for the physical rehabilitation of various anatomical segments will also be explored. PRQ: KNAT 520, KNAT 521.

523. INTEGRATED THERAPEUTIC INTERVENTIONS IN ATHLETIC TRAINING LAB II (3). Application of therapeutic interventions common to the rehabilitation of select musculoskeletal injuries
and conditions. Emphasis on exercises, modalities, pharmacological and psychosocial interventions specific to the remodeling stage of healing, return to participation and specific body segments. CRQ: KNAT 522.

550. RESEARCH METHODS AND EVIDENCE BASED PRACTICE IN ATHLETIC TRAINING (3). Introduction to research methods and evidence based practice as well as the statistical techniques relevant to athletic training. PRQ: KNAT 502.

551. ATHLETIC TRAINING CLINICAL EXPERIENCE I (3). Pre-professional clinical experience designed to introduce the athletic training student to professional practice and the principles of patient care. Primary focus on injury management, acute care, and refinement of psychomotor athletic training skills. PRQ: KNAT 500, CRQ: KNAT 502.

552. ATHLETIC TRAINING CLINICAL EXPERIENCE II (3). Pre-professional clinical experience with primary focus on psychomotor athletic training skills of the spine and upper and lower extremities. PRQ: KNAT 551, KNAT 503.

553. IMMERSIVE ATHLETIC TRAINING CLINICAL EXPERIENCE I (4). Pre-professional clinical experience designed to refine psychomotor athletic training skills and professional behaviors with a primary focus on the identification of general medical conditions and implementation of therapeutic interventions. PRQ: KNAT 504, KNAT 520.

556. IMMERSIVE ATHLETIC TRAINING CLINICAL EXPERIENCE II (4). Culminating clinical experience designed to assist with the transition to clinical practice. Emphasis on professional socialization, inter-professional collaboration, implementing evidence based practice and administrative duties of the athletic trainer. PRQ: KNAT 553.

650. DIRECTED RESEARCH AND APPLIED EVIDENCE BASED PRACTICE IN ATHLETIC TRAINING (3). Supervised research in a specialized area of athletic training with an emphasis on evidence based practice to answer clinical questions. PRQ: KNAT 553.