

ATEP 2510 (F/S) Care and Prevention of Athletic Injuries. Examines the incidence, causes, prevention, and treatment of sports-related injuries. Topics stressed are conditioning for sports, injury recognition, and evaluation, taping techniques, first-aid care, treatment, and reconditioning of athletic injuries. Required for Athletic Training Program admission 4 s.h.

ATEP 3010 (S) Methods of Research and Design in the Health Sciences. This course focuses on the interaction of the components of the research process with application to the theory and practices of Healthcare. This course emphasizes the critical appraisal and utilization of health-related research including selected theories and ethical considerations. Critical and reflective thinking, as a health-care clinician who provides evidence-based practice, will be emphasized. This course is designed to prepare students to write their own case study or research project 2 s.h.

ATEP 3400 (F) Clinical Experience in Athletic Training I. Students will receive clinical instruction in order to meet clinical competencies in athletic training. Class will also include coverage of athletic teams and events. Requires a minimum of 150 and maximum of 400 clinical hours 2 s.h.
Prerequisite: Acceptance into Athletic Training Program

ATEP 3401 (S) Clinical Experience in Athletic Training II. Students will receive clinical instruction in order to meet clinical competencies in athletic training. Class will also include coverage of athletic teams and events. Requires a minimum of 150 and maximum of 400 clinical hours 2 s.h.
Prerequisite: Acceptance into Athletic Training Program, ATEP 3400

ATEP 3402 (F) Clinical Experience in Athletic Training III. Students will receive clinical instruction in order to meet clinical competencies in athletic training. Class will also include coverage of athletic teams and events. Requires a minimum of 150 and maximum of 400 clinical hours 2 s.h.
Prerequisite: Acceptance into Athletic Training Program, ATEP 3401

ATEP 3403 (S) Clinical Experience in Athletic Training IV. Students will receive clinical instruction in order to meet clinical competencies in athletic training. Class will also include coverage of athletic teams and events. Requires a minimum of 150 and maximum of 400 clinical hours 2 s.h.
Prerequisite: Acceptance into Athletic training Program, ATEP 3402

ATEP 3404 (F) Clinical Experience in Athletic Training V. Students will receive clinical instruction in order to meet clinical competencies in athletic training. Class will also include coverage of athletic teams and events. Requires a minimum of 150 and maximum of 400 clinical hours 2 s.h.
Prerequisite: Acceptance into Athletic Training Program, ATEP 3403

ATEP 3420 (F) Pathophysiology and Pharmacology in Athletic Training. Advanced study in the pathophysiology and pharmacology involved in injuries and conditions commonly seen in the area of sports medicine. This will include a detailed macro and microscopic analysis of underlying pathophysiologies of sports-related injuries. In addition, this course will explore the interrelationship of current therapeutic pharmacological agents and their physiological effects on the body 4 s.h.

Prerequisites: ATEP 2510; BIOL 1010, 1020; CHEM 1020 or 1110

ATEP 3430 (F) Organization and Administration of Athletic Training. Emphasis on the professional preparation of athletic trainers and their role in the athletic health care delivery system. Current issues and trends in athletic training and sports medicine including history, legal implications, stress management, and organization of sports medicine programs 2 s.h.

Prerequisites: ATEP 2510

ATEP 3440 (S) Rehabilitation of Athletic Injuries I. Principles in planning and implementation of rehabilitation programs for injured athletes with emphasis on contemporary therapeutic exercise techniques for lower extremity injuries 2 s.h.

Prerequisites: ATEP 2510; Co-Requisite: ATEP 3460

ATEP 3445 (F) Rehabilitation of Athletic Injuries II. Principles in planning and implementation of rehabilitation programs for injured athletes with emphasis on contemporary therapeutic exercise techniques for upper extremity injuries 2 s.h.

Prerequisites: ATEP 2510; Co-Requisite: ATEP 3470

ATEP 3450 (F) Therapeutic Modalities. This course covers advanced study of the use of therapeutic agents in the treatment and rehabilitation of athletic injuries, including heat, cold, hydrotherapeutic, electrotherapeutic, and manual techniques 4 s.h.

Prerequisites: ATEP 2510; BIOL 1010

ATEP 3460 (S) Advanced Evaluation of Athletic Injuries I. Advanced study of the etiology, pathology, and clinical signs of common athletic injuries to the lower extremity and spine. Emphasis is placed on clinical evaluation of injury by the athletic trainer. Application of orthopedic and neurological assessment is included 4 s.h.

Prerequisites: ATEP 2510; Co-Requisite: ATEP 3440

ATEP 3470 (F) Advanced Evaluation of Athletic Injuries II. Advanced study of the etiology, pathology, and clinical signs of common athletic injuries to the upper extremity, head, and cervical spine. Emphasis is placed on clinical evaluation of injury by the athletic trainer. Application of orthopedic and neurological assessment is included 4 s.h.

Prerequisites: ATEP 2510; Co-Requisite: ATEP 3445

ATEP 3680 (S) Kinesiology. An analysis of the mechanics of human movement. Involves a study of the skeletal, muscular, and nervous systems and the basic principles underlying motor skill 4 s.h.

Prerequisites: BIOL 1010, 1020

ATEP 3690 (S) Exercise Physiology. A study of the physiological and biochemical responses of the human body to exercise 4 s.h.

Prerequisites: BIOL 1010, 1020

ATEP 4100 (S) Senior Seminar (Capstone). A two-hour class designed for athletic training students to receive a broad overview of athletic training principles and recent research findings. In addition, this course will serve to prepare athletic training students for NATABOC certification and better prepare them for employment in the field of athletic training.....2 s.h.
Prerequisite: open only to graduating seniors in the Athletic Training Program

ATEP 4900 (S) Clinical Internship in Athletic Training. This course is designed to allow athletic training majors to gain clinical experience hours off-campus at a clinical site in their final semester under the supervision of a licensed athletic trainer and other health care providers. A minimum of 500 and maximum of 700 clinical hours is required..... 10 s.h.
Prerequisites: ATEP 3404 and approval of the program coordinator

ATEP 4990 (S) Comprehensive Assessment. Undergraduate level. All candidates for a degree from King are required to demonstrate competency in their major field. Students with more than one major must demonstrate competency in each of their major fields. Athletic Training students will take a comprehensive exam over the five domains of athletic training knowledge and must obtain a score of 700 or above..... 0 s.h.