Athletic Training (ATHTRN)

ATHTRN 1100: Athletic Training Skills I
Introduction to athletic training skills. Clinical observation hours required. Graded on A-F basis only.
Credit Hours: 2
Prerequisites: Restricted to Pre-Athletic Training majors only

ATHTRN 1200: Athletic Training Skills II
Continuation of athletic training skills. Graded on A-F basis only.
Credit Hours: 2
Prerequisites: Pre-Athletic Training majors; Completion of ATHTRN 1100 with minimum grade of B-

ATHTRN 2001: Topics in Athletic Training
Organized study of selected topics in Athletic Training. Subjects and earnable credit may vary from semester to semester.
Credit Hour: 1-15
Prerequisites: Instructor's consent

ATHTRN 2100: Principles and Fundamentals of Athletic Training
Introduces students to the common principles and fundamentals associated with the profession of athletic training. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: Restricted to Pre-Athletic Training majors

ATHTRN 2150: Athletic Training Practicum I
The first in a sequence of practical/clinical experiences under the direct supervision of a Preceptor. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: Restricted to Athletic Training majors; ATHTRN 1100, ATHTRN 1200, and ATHTRN 2100

ATHTRN 2250: Athletic Training Practicum II
The second in a sequence of practical/clinical experiences under the direct supervision of a Preceptor. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 2150 with minimum grade of B-

ATHTRN 2500: Elementary Human Anatomy
Analysis of the structure and function of cells, tissue, and organ systems. Emphasis is placed on the muscular, skeletal, and nervous systems as they relate to human movement. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: Restricted to Pre-Athletic Training majors only

ATHTRN 2550: Examination of Cadaveric Human Anatomy
Study of the human body utilizing cadaver specimens. Special emphasis will be placed upon the skeletal, muscular and nervous systems. Graded on A-F basis only.
Credit Hours: 4
Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 2500 with a minimum grade of C

ATHTRN 2600: Human Physiology
Investigation into the structure, function, physiology, and biochemistry of the cardiovascular, lymphatic, respiratory, digestive, urinary, endocrine, and reproductive systems. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: Restricted to Athletic Training majors only; Completion of ATHTRN 2500 with a minimum grade of C

ATHTRN 3100: Mental Health in Athletic Training
Study of psychosocial strategies, mental health referral policies and clinical application to athletic training. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: Restricted to Athletic Training majors; PSYCH 1000

ATHTRN 3150: Athletic Training Practicum III
The third in a sequence of practical/clinical experiences under the direct supervision of a Preceptor. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: Restricted to Athletic Training majors only; Completion of ATHTRN 2250 with a minimum grade of B-

ATHTRN 3200: Therapeutic Modalities
Study of therapeutic modalities utilized in the treatment and rehabilitation of athletic injuries. Graded on A-F basis only.
Credit Hours: 4
Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 2250 with a minimum grade of B-

ATHTRN 3250: Athletic Training Practicum IV
The fourth in a sequence of practical/clinical experiences under the direct supervision of a Preceptor. Graded on A-F basis only.
Credit Hours: 3
Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 3150 with a minimum grade of B-

ATHTRN 3300: Injury Assessment I
A systematic approach to injury evaluation of the lower extremity and spine. Graded on A-F basis only.
Credit Hours: 4
Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 2100 with a minimum grade of B- and ATHTRN 2500 and ATHTRN 2550 with a minimum grade of C

ATHTRN 3400: Injury Assessment II
A systematic approach to injury evaluation of the upper extremity, spine and head. Graded on A-F basis only.
ATHTRN 4150 with a minimum grade of B-

Prerequisites:

Credit Hour

ATHTRN 3050: Rehabilitation of Athletic Injuries
Study of rehabilitation principles and techniques used to return active individuals to their sport/activity. Graded on A-F basis only.

Credit Hours: 4

Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 3200 with a minimum grade of B-

ATHTRN 3600: Administration of Athletic Training
Examines the organizational and administrative aspects of Athletic Training. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: Restricted to Athletic Training majors

ATHTRN 3800: General Medical Conditions
Examination of illness and disease found within the athletic population. Course graded on A-F basis only.

Credit Hours: 3

Prerequisites: Restricted to Athletic Training majors only, Completion of ATHTRN 3150 with a minimum grade of B-

ATHTRN 4150: Athletic Training Practicum V
The fifth in a sequence of practical/clinical experiences under the direct supervision of a Preceptor. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 3200 with a minimum grade of B-

ATHTRN 4250: Athletic Training Practicum VI
The sixth in a sequence of practical/clinical experiences under the direct supervision of a Preceptor. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 3250 with a minimum grade of B-

ATHTRN 4450: Medical Diagnostics and Procedures in Athletic Training
Study of advanced medical and clinical athletic training skills. Emphasis is placed on diagnostic testing and procedural skills used in medical and athletic training facilities. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 4150 with a minimum grade of B-

ATHTRN 4500: Nutrition for Athletic Performance and Rehabilitation
Nutritional study examining how nutrition impacts sports performance. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: Restricted to Athletic Training majors; PH_THR 4420

ATHTRN 4970W: Seminar in Athletic Training - Writing Intensive
Capstone senior athletic training course. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 3250 with a minimum grade of B-

ATHTRN 4970: Seminar in Athletic Training
Capstone senior athletic training course. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 3250 with a minimum grade of B-

ATHTRN 7210: Introduction to Athletic Training Practice
This course provides a foundation for understanding professional development as students evolve into athletic training practitioners. Students are provided an introduction to professional associations, legislative processes affecting athletic training practice, and requirements for initial and ongoing professional certification, and licensure. It will include an introduction to health care practice and how the profession of athletic training integrates into patient care. Included are basic psychomotor skills of athletic training required for prevention and management of injury. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: Admission into the graduate athletic training program

ATHTRN 7110: Examination of Cadaveric Human Anatomy
Study of the human body utilizing cadaver specimens. This course will have didactic work as well as laboratory work in the School of Medicine Anatomy Lab. Special emphasis will be placed up on the skeletal, muscular and nervous systems. Graded on an A-F basis.

Credit Hours: 3

Prerequisites: Admission into the Graduate Athletic Training Program

ATHTRN 7120: Scientific Foundations of Therapeutic Interventions
This course will introduce students to theories of pain modulation, physiologic effects of physical trauma and the healing process, and the effect inflammation has on quality of life. Students will develop introductory rehabilitation practices with the goals of therapeutic intervention. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: Admission to the Athletic Training Program

ATHTRN 7130: Introduction to Athletic Training Practice
This course introduces students to theories of pain modulation, physiologic effects of physical trauma and the healing process, and the effect inflammation has on quality of life. Students will develop introductory rehabilitation practices with the goals of therapeutic intervention. Graded on A-F basis only.

Credit Hours: 3

Prerequisites: Admission to the Athletic Training Program

ATHTRN 7220: Assessment and Management in Athletic Training I
This course will focus on a systematic approach to injury evaluation, assessment, and diagnosis. Examination techniques for a variety
of injuries and conditions will be explored using both patient based and clinician based measures. Additionally, evidence-based injury management strategies and therapeutic interventions will be discussed in relation to the treatment and rehabilitation of various conditions. This course will also focus on a patient-centered care approach to the assessment and management of athletic injury. Graded on A-F basis only.

Credit Hours: 5
Prerequisites: Meet all Athletic Training Program retention requirements as detailed in the Athletic Training Program Handbook

ATHTRN 7230: Emergency Management
This course will prepare students in the acute evaluation, recognition, and management of emergent and life threatening injury and illness. An emphasis will be placed on preventing catastrophic injury and sudden death during activity. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Meet all Athletic Training Program retention requirements as detailed in the Athletic Training Program Handbook

ATHTRN 7240: Evidence Based Practice In Health Care
In this course, the student will learn the importance of integrating scientific evidence into clinical decision-making. This course applies evidence-based practice concepts, including literature appraisal, to clinical scenarios and patient populations. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Meet all program retention requirements as detailed in the Athletic Training Program Handbook

ATHTRN 7310: Clinical Experience II
The second in a sequence of clinical experiences under the direct supervision of a preceptor to further advance clinical skills and understand the practice of athletic training. This experience will occur at a traditional (college or secondary school) clinical site. Graded on an S/U basis only.

Credit Hours: 4
Prerequisites: Meet all program retention requirements as detailed in the Athletic Training Program Handbook

ATHTRN 7320: Assessment and Management in Athletic Training II
This course will further develop the student's systematic approach to injury evaluation, assessment, and diagnosis. Examination techniques using both patient based and clinician based measures will be emphasized. Additionally, evidence-based injury management strategies and therapeutic interventions will be discussed in the rehabilitation of orthopaedic injuries, both surgical and non-surgical. Emphasis is placed on concepts of mobility and stability in the development of a progressive rehabilitation program. Graded on A-F basis only.

Credit Hours: 5
Prerequisites: Meet all program retention requirements as detailed in the Athletic Training Program Handbook

ATHTRN 7330: Primary Care for Athletic Training
This course will focus on the assessment, diagnosis, and management of various illnesses and disease found across the lifespan. Students will develop an organized approach to examination and management based on a review of body systems in a variety of patients. Graded on an A-F basis only.

Credit Hours: 3
Prerequisites: Meet all program retention requirements as detailed in the Athletic Training Program Handbook

ATHTRN 7340: Health and Wellness Across the Lifespan
This course will introduce students to the adaptations of the human body to mental and physical interventions to improve the well-being of the physically active across the lifespan. Graded on an A-F basis only.

Credit Hours: 3
Prerequisites: Meet all program retention requirements as detailed in the Athletic Training Program Handbook

ATHTRN 8410: Clinical Experience III
The third in a sequence of clinical experiences under the direct supervision of a preceptor to further advance clinical skills and understand the practice of athletic training. This experience will provide clinical exposure to a wide variety of patients across various health care settings including, but not limited to, family medicine, orthopaedics, and emergency medicine. Graded on an S/U basis only.

Credit Hours: 3
Prerequisites: Meet all program retention requirements as detailed in the Athletic Training Program Handbook

ATHTRN 8420: Assessment and Management in Athletic Training III
This course is a continuation of Assessment and Management I and II focusing on clinical decision making. The student will further develop how to synthesize the entire process of injury assessment and management. This course uses various methods of simulation, standardized patients, as well as real patients to solidify the processes of evaluation of injury as well as therapeutic intervention and management of the injury. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: Meet all program retention requirements as detailed in the Athletic Training Program Handbook

ATHTRN 8510: Clinical Experience IV
The fourth in a sequence of clinical experiences under the direct supervision of a preceptor to further advance clinical skills and understand the practice of athletic training. This clinical experience will include a minimum 10 weeks of clinical immersion. Graded on an S/U basis only.

Credit Hours: 6
Prerequisites: Meet all program retention requirements as detailed in the Athletic Training Program Handbook

ATHTRN 8540: Quality Improvement in Health Care
In this course students will learn how to utilize and implement the quality improvement process for health care. The course is designed to enhance the athlete's understanding of quality improvement, especially as it relates to patient health outcomes, system performance, and professional development. An overview of the history of quality
improvement in health care will be provided to provide a global understanding of the value of quality improvement to the advancement of patient care. Graded on A-F basis only.

**Credit Hours:** 3  
**Prerequisites:** Meet all program retention requirements as detailed in the Athletic Training Program Handbook

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**ATHTRN 8610: Clinical Experience V**  
The fifth in a sequence of clinical experiences under the direct supervision of a preceptor to further advance clinical skills and understand the practice of athletic training. This clinical experience will include a minimum 12 weeks of clinical immersion. Graded on an S/U basis only.

**Credit Hours:** 8  
**Prerequisites:** Meet all program retention requirements as detailed in the Athletic Training Program Handbook. Passing score (80% or better) on Clinical Experience IV OSCE final