

ATHLETIC TRAINING (ATHT)

Athletic Training Graduate Courses

ATHT 8110 ATHLETIC TRAINING TECHNIQUES (2 credits)

Overview course including basic components of the athletic training profession including the prevention, recognition, evaluation and immediate care of athletic injuries. Medical terminology, tissue healing, taping procedures, and professional considerations will be covered.

Prerequisite(s): Admission to the Master of Arts in Athletic Training. Not open to non-degree graduate students.

ATHT 8120 EMERGENCY MANAGEMENT OF INJURY AND ILLNESS (2 credits)

The purpose of this course is to prepare students to respond to emergent conditions that affect patients involved in physical activity. Students will learn to recognize the signs and symptoms of acute injury and illness, assess patients using evidence-based methods, apply appropriate treatments, make appropriate referral decisions, and implement effective prevention strategies to reduce the risk of injury and illness.

Prerequisite(s): Admission to the Master of Arts in Athletic Training program. Not open to non-degree graduate students.

ATHT 8130 THERAPEUTIC INTERVENTIONS I (2 credits)

This course will cover the pathophysiology of musculoskeletal injuries as well as the theory, physiology and application of physical agents used in the treatment of these injuries. This course will include the development of treatment programs involving these skills utilizing hands-on practical application.

Prerequisite(s): Not open to non-degree graduate students.

ATHT 8230 THERAPEUTIC INTERVENTIONS II (2 credits)

This course will introduce students to the use of basic theories and principles of athletic injury rehabilitation including therapeutic exercise. This course will include the development of treatment programs involving these skills utilizing hands-on practical application.

Prerequisite(s): ATHT 8130/HEKI 8130. Not open to non-degree graduate students.

ATHT 8240 ORTHOPEDIC ASSESSMENT I (2 credits)

The primary purpose of this course is to provide the student with knowledge and skill in the area of advanced athletic injury assessment to the lower extremity. The student will be exposed to current methodology in the field of orthopedic physical assessment, particularly the foot, ankle, lower leg, knee, thigh and hip. In addition, students will learn how to use the principles of evidence-based practice (EBP) to select and evaluate specific tests during the diagnostic process.

Prerequisite(s): Admission to the Master of Arts in Athletic Training Program. Not open to non-degree graduate students.

ATHT 8250 CLINICAL PRACTICUM IN ATHLETIC TRAINING I (2 credits)

Clinical Practicum in Athletic Training I is the first course in the Clinical Practica series for students admitted to the Master of Arts in Athletic Training Program. Students will perform required clinical experiences under the supervision of a preceptor in order to improve clinical and decision-making skills.

Prerequisite(s): Admission to the MA in Athletic Training program, instructor permission, & compliance with published Athletic Training Program Technical Standards for Admission. Not open to non-degree graduate students.

ATHT 8330 THERAPEUTIC INTERVENTIONS III (2 credits)

This course will introduce students to the use of basic theories and principles of physical agents and manual therapies. This course will include the development of treatment programs involving these skills utilizing hands-on practical application.

Prerequisite(s): ATHT 8230/HEKI 8230. Not open to non-degree graduate students.

ATHT 8340 ORTHOPEDIC ASSESSMENT II (2 credits)

The primary purpose of this course is to provide the student with knowledge and skill in the area of advanced athletic injury assessment to the upper extremity. The student will be exposed to current methodology in the field of orthopedic physical assessment, particularly the shoulder, elbow, wrist, hand and fingers. In addition, students will learn how to use the principles of evidence-based practice (EBP) to select and evaluate specific tests during the diagnostic process.

Prerequisite(s): ATHT 8240/HEKI 8240. Not open to non-degree graduate students.

ATHT 8350 CLINICAL PRACTICUM IN ATHLETIC TRAINING II (2 credits)

Clinical Practicum in Athletic Training II is the second course in the Clinical Practica series for students admitted to the Master of Arts in Athletic Training Program. Students will perform required clinical experiences under the supervision of a licensed athletic trainer in order to improve clinical and decision-making skills.

Prerequisite(s): ATHT 8250/HEKI 8250 Clinical Practicum I. Not open to non-degree graduate students.

ATHT 8360 ADVANCED ORTHOPEDIC & MEDICAL ASPECTS OF ATHLETIC TRAINING (3 credits)

This course will provide the student with knowledge and skill in the area of orthopedic and medical aspects of athletic training. Students will gain this knowledge through directed observation, experiential learning, literature review, and hands-on experience under the supervision of local medical professionals. The student will be exposed to advanced evaluation of medical conditions, systemic diseases, and other disorders; observe common surgical procedures for orthopedic conditions; and medical management of patients and physically active populations in conjunction with other healthcare providers.

Prerequisite(s): Admission to Master of Arts in Athletic Training Program

ATHT 8410 ATHLETIC TRAINING ADMINISTRATION (3 credits)

This course will introduce students to administrative topics related to athletic training. Management strategies for financial resources, personnel, facilities, medical records, and third-party reimbursement will be covered. Additionally, legal and ethical professional practice standards will be introduced.

Prerequisite(s): Not open to non-degree graduate students.

ATHT 8450 INTERNSHIP IN ATHLETIC TRAINING (2 credits)

This course is designed to provide an immersive athletic training clinical experience for students. The internship is a supervised, educational clinical work experience of at least 300 hours over a minimum of 4-weeks during a single semester. This experience will allow the student the opportunity to take more responsibility for the care, prevention, and rehabilitation of athletic injuries with a particular team or group of patients, as well as help plan and provide daily coverage for practices or clinical appointments.

Prerequisite(s): Permission from the instructor or program director. Not open to non-degree graduate students.

ATHT 8530 THERAPEUTIC INTERVENTIONS IV (2 credits)

This course will introduce students to the use of basic theories and principles of athletic training related to pharmacology, nutrition and psychosocial wellness. This course will include the development of treatment programs involving these skills utilizing hands-on practical application.

Prerequisite(s): ATHT 8330/HEKI 8330. Not open to non-degree graduate students.

ATHT 8540 ORTHOPEDIC ASSESSMENT III (2 credits)

The primary purpose of this course is to provide the student with knowledge and skill in the area of advanced athletic injury assessment to the head, face and spine. The student will be exposed to current methodology in the field of orthopedic physical assessment, particularly the head, face and spine. In addition, students will learn how to use the principles of evidence-based practice (EBP) to select and evaluate specific tests during the diagnostic process.

Prerequisite(s): ATHT 8340/HEKI 8340. Not open to non-degree graduate students.

ATHT 8550 CLINICAL PRACTICUM IN ATHLETIC TRAINING III (2 credits)

Clinical Practicum in Athletic Training III is the third course in the Clinical Practica series for students admitted to the Master of Arts in Athletic Training Program. Students will perform required clinical experiences under the supervision of a preceptor in order to improve clinical and decision-making skills.

Prerequisite(s): ATHT 8350/HEKI 8350 Clinical Practicum II. Not open to non-degree graduate students.

ATHT 8650 CLINICAL PRACTICUM IN ATHLETIC TRAINING IV (2 credits)

Clinical Practicum in Athletic Training IV is the fourth course in the Clinical Practica series for students admitted to the Master of Arts in Athletic Training Program. Students will perform required clinical experiences under the supervision of a preceptor in order to improve clinical and decision-making skills.

Prerequisite(s): ATHT 8550/HEKI 8550 Clinical Practicum III

ATHT 8706 INTERNSHIP IN SPORTS MEDICINE AND BIOMECHANICS RESEARCH (3 credits)

This course is an on-campus, supervised, educational work experience of at least 150 clock hours at an approved worksite offering programs and experiences in sports medicine or biomechanics. (Cross-listed with BMCH 4700, BMCH 8706).

Prerequisite(s): 2.5 GPA and instructor permission

ATHT 8900 ATHLETIC TRAINING PROGRAM COMPREHENSIVE ASSESSMENT (0 credits)

This zero-credit-hour course is used to assess the knowledge and skills that students accumulate over the course of the CAATE-accredited entry-level graduate Athletic Training Program. Students must enroll in this course in their final semester in the program to take and pass the comprehensive examination. The exam assesses the student on their knowledge of the domains of athletic training and preparedness to sit for and take the national Board of Certification exam. Students will receive a pass/fail grade for this course.

Prerequisite(s): Requires departmental approval. Not open to non-degree graduate students.