

ATHLETIC TRAINING (ATHL)

ATHL 1--. ATHL-UPPER DIVISION. (1-10 Credits)

Upper Level Coursework in Athletic Training

Level: Undergraduate

Prerequisite(s): None

Corequisite(s): None

Restrictions: None

Primary grade mode: Transfer

Schedule type(s): Lecture

Area(s) of Inquiry: None

ATHL 2--. ATHL-UPPER DIVISION. (1-10 Credits)

Graduate Level Coursework in Athletic Training

Level: Undergraduate

Prerequisite(s): None

Corequisite(s): None

Restrictions: None

Primary grade mode: Transfer

Schedule type(s): Lecture

Area(s) of Inquiry: None

ATHL 150. ADVANCED TOPICS IN ATHLETIC TRAINING. (1-3 Credits)

Elective initial offering. Course titles vary. Please refer to each specific course offering for a complete course description.

Level: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Enrollment is limited to students with an major in Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lab, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 201. ATHLETIC TRAINING SEMINAR I: PERSONAL & PROFESSIONAL DEVELOPMENT. (1 Credit)

The first in a series of four courses to enhance students' learning and progress throughout the Master of Athletic Training (MAT) curriculum. In this course, students will focus on developing an awareness of the athletic training profession, its place in the larger healthcare environment, and their own professional skills. The course will largely require students to reflect on professional socialization moments/events (IPE, Journal Club, and Blue Coat Ceremonies) and attempt to determine what skills they possess and still need to develop. The primary course format is discussion with some individual and group activities.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of First Year Athletic Training.

Primary grade mode: Credit/No Credit

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 202. ATHLETIC TRAINING SEMINAR II: PERSONAL & PROFESSIONAL ADVOCACY. (1 Credit)

The second in a series of four courses to enhance students' learning and progress throughout the Master of Athletic Training (MAT) curriculum. In this course, students will continue to focus on developing an awareness of the athletic training profession and issues that are impacting the discipline, ways in which the profession can be moved forward, and focusing on key ways to improve patient care. The primary course format is discussion with athletic training practitioners, practical learning opportunities, and class discussions.

Level: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of First Year Athletic Training.

Primary grade mode: Credit/No Credit

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 205. ADVANCED TOPICS IN ATHLETIC TRAINING. (3 Credits)

This course is designed to supplement and expand students' knowledge in skill through an in-depth examination of topics in athletic training. The course will prepare students for clinical practice experiences post-graduation with a deeper knowledge and understanding of athletic training. Topics covered in the course will focus on enhancing patient care and safety, special patient populations, and skills and knowledge related to emerging practice settings.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Enrollment is limited to students with an major in Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 220. EMERGENCY CARE FOR ATHLETIC TRAINING. (2 Credits)

This course will provide students with advanced knowledge of first aid and emergency care. After a review of basic CPR/AED and first aid techniques, the class will focus on advanced techniques and scenario rehearsals to provide skills and knowledge to recognize, coordinate, and provide care for emergency conditions commonly seen in active populations. Course will be taught through lecture and in-class labs/simulations.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of First Year Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 230. FOUNDATIONS OF HEALTH AND HEALTH PROMOTION. (3 Credits)

This course will provide students with the content and skills necessary to help enhance and establish healthy lifestyles in their patients/clients. The course will focus specifically on chronic disease, injury/illness prevention, sport performance, and public and community health. These issues will be taught through both classroom and practical learning experiences.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Enrollment is limited to students with an major in Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 240. PATIENT & ATHL ENHANCEMENT. (4 Credits)

This course provides students with the opportunity to develop skills that will enhance their ability to prevent, diagnose, or manage injuries/illnesses common in athletic training. Specific interventions include manual therapies, diagnostic tests, and emergency care interventions. Additionally, time will be spent developing skills and knowledge related to specific performance enhancement tools used with athletes. The class will largely use hands-on labs and patient case studies to help the students practice the development and application of skills. Guest speakers will regularly introduce topics to students and help with skill development.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lab, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 251. ORTHOPEDIC EVALUATION & PHYSICAL REHABILITATION I. (5 Credits)

This course provides an introduction into the diagnosis and management of injuries common in athletic training. After being introduced to the basic patient evaluation and assessment techniques, students will cover common pathologies, mechanisms, and clinical diagnostic tests associated with injuries in the lower extremity and head. Additionally, students are introduced to basic concepts of injury management, specifically topics and skills related to the body's physiologic response, pain management, movement, and strength training. Finally, students develop skills related to communication, documentation, and the evidence-based practice of healthcare necessary for a career in athletic training. Course will be taught in a flipped classroom style with students watching lectures outside of class and spending class time reviewing material and developing skills

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of First Year Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 252. ORTHOPEDIC EVALUATION & PHYSICAL REHABILITATION II. (3 Credits)

This is the second of three courses in which students are exposed to and develop the necessary skills for the diagnosis and management of injuries commonly seen by athletic trainers. Building on the previous semester, students will cover common pathologies, mechanisms, and clinical diagnostic tests associated with injuries in the upper extremity and spine. Students continue to learn skills related to injury management; specifically, topics and skills related to neuromuscular control, functional progressions, return to participation plans, and specific therapeutic modalities and rehabilitation interventions are covered. Finally, students will continue to develop skills related to communication, documentation, and the evidence-based practice of healthcare. Course will be taught in a flipped classroom style with students watching lectures outside of class and spending class time reviewing material and developing skills

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of First Year Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 253. ORTHOPEDIC EVALUATION & PHYSICAL REHABILITATION III. (3 Credits)

This is the final course in the course series in which students are exposed to and develop the necessary skills for the diagnosis and management of injuries common in athletic training. Building on the previous semesters, students will learn some additional skills related to the evaluation of neurological, dermatological, and elbow, wrist, and hand conditions. Injury/illness management topics will cover mental health first aid, orthotics, bracing, and durable medical equipment, aquatic therapy, and surgical techniques. Additionally, students will complete standardized patient scenarios and a cumulative exam to demonstrate their readiness for the immersive clinical experience in the fall. Course will be taught in a flipped classroom style with students watching lectures outside of class and spending class time reviewing material and developing skills.

Level: Professional Health Care

Prerequisite(s): ATHL 252

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 254. ADVANCED ATHLETIC TRAINING TECHNIQUES. (2 Credits)

This course provides students with the opportunity to develop emerging skills in the field of athletic training in order to better prepare themselves for advanced clinical practice upon graduation. Students will participate in lab sessions each day in order to be exposed to and develop clinical skills being introduced.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Enrollment is limited to students with an major in Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lab, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 261. LEVEL IA CLINICAL EXPERIENCE: FOUNDATIONAL EXPERIENCES. (3 Credits)

The first in a series of five experiential education courses within the Master of Athletic Training (MAT) Program. The majority of class time is spent in clinical settings gaining practical experience and developing and refining athletic training competencies and proficiencies. The course will meet weekly to discuss topics relevant to clinical I experiences. This first course focuses on core practical and administrative skills necessary for practice. Students will be assessed through performance at clinical sites by themselves and preceptors on E*Value.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of First Year Athletic Training.

Primary grade mode: Credit/No Credit

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 262. LEVEL IB CLINICAL EXPERIENCES: TRADITIONAL & EMERGING SETTINGS. (4 Credits)

The second in a series of five experiential education course within the Master of Athletic Training (MAT) Program. The majority of the course is focused on spending time in clinical settings gaining practical experience and developing and refining athletic training competencies and proficiencies. The course will meet weekly to discuss topics relevant to clinical experiences. This second course focuses on increased time in the clinical setting to develop practical skills while assessing students growing proficiency of basic injury management skills. Students will be assessed through performance at clinical sites by themselves and preceptors on E*Value.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of First Year Athletic Training.

Primary grade mode: Credit/No Credit

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 263. LEVEL IC CLINICAL EXPERIENCE: ADVANCED MEDICAL KNOWLEDGE. (2 Credits)

The third in a series of five experiential education courses within the Master of Athletic Training (MAT) Program. The majority of class time is spent in clinical settings gaining practical experience and developing and refining athletic competencies and proficiencies. The third course focuses on an intensive, immersion experience in a clinic/hospital setting. There will be no formal meeting time for the class. Students will be assessed through performance at clinical sites by themselves and preceptors on E*Value. Additionally, students must pass a cumulative exam to proceed to AT2 Status.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Primary grade mode: Credit/No Credit

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 264. LEVEL IIA CLINICAL EXPERIENCE: ATHLETIC TRAINING IMMERSIONS. (12 Credits)

The fourth in a series of five experiential education courses within the Master of Athletic Training (MAT) Program. The majority of the course is focused on spending time in clinical settings gaining practical experience and developing and refining athletic training competencies and proficiencies. The fourth course focuses on an intensive, immersion experience in an athletic training setting through which the students will gain a greater understanding of the entire daily routine for an athletic trainer. There will be no formal meeting time for the class. Students will be assessed through performance at clinical sites by themselves and preceptors on E*Value. Additionally, students must pass a cumulative exam to receive credit for the course.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Primary grade mode: Credit/No Credit

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 265. LEVEL II CE: CONCENTRATIONS. (5 Credits)

The fifth in a series of five experiential education courses within the Master of Athletic Training (MAT) Program. The majority of the course is focused on spending time in clinical settings gaining practical experience and developing and refining athletic training competencies and proficiencies. The final course focuses on a capstone experience in a clinical setting of the student's choosing. The goal is for the student to receive a concentrated experience related to their desired practice site upon graduation. Students will be assessed through performance at clinical sites by themselves and preceptors on E*Value.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Primary grade mode: Credit/No Credit

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 271. HEALTH CARE SYSTEMS AND POLICIES. (3 Credits)

This course provides an overview of the current and changing health care systems and policies in the US, including history, current status, current changes and future trends. Students gain the ability to analyze state and federal systems and regulations impact on service delivery. Socio-political factors along with patients and health care providers act independently and in tandem to influence care outcomes. At the health system level, financing incentives and organizational constraints place unique pressures on care provision. The culture, beliefs and needs of health care providers and patients create expectations and place demands on the use of services. A combination of lecture, discussion of assigned reading material, in-class activities group work and reflection papers are used to facilitate comprehension of course material.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of First Year Athletic Training.

Enrollment is limited to students with an major in Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 272. BEHAVIORAL AND SPORT PSYCHOLOGY. (3 Credits)

This course examines foundational material in sport psychology as it relates to integrated health care, injury rehabilitation, and performance. Course readings, discussions, and assessments will address topics such as individual and social aspects of health and performance-related behavior, as well as theoretical approaches for the promotion and support of behavior change among patients or clients. This course is designed to enable students as future health care professionals to understand the continuum of mental health, as well as learn skills and/or referral processes required to support clients spanning the continuum.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Web Instructed

Area(s) of Inquiry: None

ATHL 273. PHARMACOLOGY FOR FUTURE HEALTH PROFESSIONALS. (3 Credits)

The first portion of the course examines the basic principles of pharmacology that govern all drug classes. Topics included in this section of the class are receptor theory, enzymes, agonists/antagonists/inverse agonists/antagonists/inverse agonists/inhibitors, bioavailability and distribution, drug metabolism and excretion, drug-drug interactions, pharmacogenetics, and toxicity. The second portion of the class will examine specific drug classes. In this section, students will integrate physiological, biochemical, and the pharmacologic principles examined in the first portion of this class to understand the actions of specific drugs affecting major organ systems.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of First Year Athletic Training.

Enrollment is limited to students with an major in Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 275. PATIENT-CENTERED APPROACH TO QUALITY HEALTH CARE. (2 Credits)

This course provides an introduction into the diagnosis and management of injuries common in athletic training. After being introduced to the basic patient evaluation and assessment techniques, students will cover common pathologies, mechanisms, and clinical diagnostic tests associated with injuries in the lower extremity and head. Additionally, students are introduced to basic concepts of injury management, specifically topics and skills related to the body's physiologic response, pain management, movement, and strength training. Finally, students develop skills related to communication, documentation, and the evidence-based practice of healthcare necessary for a career in athletic training. Course will be taught in a flipped classroom style with students watching lectures outside of class and spending class time reviewing material and developing skills.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of First Year Athletic Training, First Year Occupational Ther, Second Year Occupational Ther, First year Pharmacy, Second year Pharmacy or Third year Pharmacy.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 280. RESEARCH. (3 Credits)

This course is the culmination of developing evidence based medicine to drive patient care. Students will complete a research project they have been working on throughout the MAT degree program. The members of their research group and research advisor will determine the focus of the research projects. Students will present their research projects both orally and in writing to appropriate constituencies based upon the subject matter.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Primary grade mode: Standard Letter

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 283. ATHLETIC TRAINING SEMINAR III: POST PROFESSIONAL PREPARATION. (1 Credit)

The third in a series of four courses to enhance students' learning and progress throughout the Master of Athletic Training (MAT) curriculum. In this course, students will focus on demonstrating their ability to apply learned concepts in practical applications in addition to beginning the preparation for post-professional employment or continued education. Course is taught via a hybrid format with online modules and activities in addition to practical projects to complete.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Primary grade mode: Credit/No Credit

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None

ATHL 284. AT SEM IV: LEAD & LIFE LEARN. (1 Credit)

The fourth in a series of four courses to enhance students' learning and progress throughout the Master of Athletic Training (MAT) curriculum. In this course, students will continue to focus on transitioning from students to practicing clinicians. This will occur through discussions and planning regarding post-professional transitions, professional socialization, and real world applications of learning in the community. Students will reflect on learning throughout the program and how they have grown and will continue to grow after gaining certification.

Level: Professional Health Care

Prerequisite(s): None

Corequisite(s): None

Restrictions:

Enrollment limited to students with a classification of Second Year Athletic Training.

Primary grade mode: Credit/No Credit

Schedule type(s): Independent Study, Lecture, Web Instructed

Area(s) of Inquiry: None