

# ATHLETIC TRAINING (ATTR)

## ATTR 5100 - Emergency Medicine (3 Credits)

This course will provide the student with the knowledge and skills to meet the needs of most situations when emergency first aid care is critical to saving a life and minimizing the severity of the injuries. Topics addressing individual and environmental risk factors, circulation and airway management, immobilization, bleeding control, and management of sudden illness will be presented. Personal safety and accident prevention of the health care provider will also be incorporated.

Corequisites: ATTR 5120, ATTR 5200

Lecture hours: 3

## ATTR 5120 - Functional Anatomy (3 Credits)

This course will focus on the structural anatomy of the human body and will focus on the skeletal, musculoskeletal and neurological body systems. Palpations of soft tissue structures are emphasized. This course focuses on manual muscle testing and human movement patterns.

Corequisites: ATTR 5100, ATTR 5200

Lecture hours: 3

## ATTR 5200 - Introduction to Athletic Training (3 Credits)

This course will focus on the basic concepts of the prevention and recognition of athletic injuries and treatment procedures for proper management of athletic injuries based on current evidence. Students will also be instructed in the application of taping, wrapping, and other protective equipment. Additionally, students will learn about the governing bodies and associated documents of the athletic training profession.

Corequisites: ATTR 5100, ATTR 5120

Lecture hours: 3

## ATTR 5310K - Lower Extremity Evaluation (3 Credits)

This course will focus on the recognition, assessment, treatment, documentation and appropriate medical referral of athletic injuries and illnesses of the lower extremities. Heavy emphasis will be placed on the clinical skills. Students will be able to identify risk factors for lower extremity injuries and be instructed on the theory and techniques for diagnostics and special tests.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 2

Lab hours: 3

## ATTR 5320K - Upper Extremity Evaluation (3 Credits)

This course will focus on the recognition, assessment, treatment, documentation and appropriate medical referral of athletic injuries and illnesses of the upper extremities. Heavy emphasis will be placed on the clinical skills. Students will be able to identify risk factors for lower extremity injuries and be instructed on the theory and techniques for diagnostics and special tests.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 2

Lab hours: 3

## ATTR 5330 - Injury Prevention and Risk Management (2 Credits)

The Purpose of this course is to expose students to injury prevention programs and research including topics such as concussions, overuse, upper and lower extremity and heat injuries as well as gender-specific injuries. injury prevention research discussed relates to the athletic as well as other special populations. students will be equipped to clinically integrate injury prevention programs including education of the athlete's coaches and other health professions. This course is designed to provide students with understanding on how to select injury prevention programs and to influence clinical practices.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 2

## ATTR 5410K - Therapeutic Exercise (3 Credits)

This course will focus on the therapeutic exercises and rehabilitation used in the treatment of athletic injuries and illness. students will be introduced to a variety of rehabilitation tools and protocols stressing the importance of exercise progression, safety and body mechanics. indications and contraindications for therapeutic exercises will be investigated. Students will complete 20-24 hours of clinical education per week.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 2

Lab hours: 3

## ATTR 5420K - Therapeutic Modalities (3 Credits)

This course focuses on the planning and implementation of therapeutic modalities to treat various musculoskeletal injuries. an introduction to the physical chemical and mechanical modalities will complement the students understanding of the healing process and treatment protocols. students will understand the physiological response to the healing process in the addition of modalities.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 2

Lab hours: 3

## ATTR 5500 - Nutrition (2 Credits)

This course addresses the nutritional needs of general health maintenance, recovery from exercise and healing from injury. Current food myths, diets for those in athletic programs, and special needs of overweight and underweight clients are included.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 2

**ATTR 5610 - Athletic Training Clinical I (3 Credits)**

This course will include both didactic and experiential learning. Students will be assigned to a clinical education site on campus or at an affiliated site. This course will focus on equipment intensive, therapeutic exercise and evaluation techniques.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lab hours: 8

**ATTR 5620 - Athletic Training Clinical II (3 Credits)**

This course will include both didactic and experiential learning. Students will be assigned to a clinical education site on campus or at an affiliated site. This course will focus on field experiences and the application of learned principles from athletic training clinical skills specifically related to therapeutic modalities and upper extremity evaluation techniques. Students will complete 20-24 hours of clinical education per week.

Prerequisites: ATTR 5610

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lab hours: 8

**ATTR 5630 - Athletic Training Clinical III (2 Credits)**

This course will include both didactic and experiential learning. Students will be assigned to a clinical education site on campus or at an affiliated site. This clinical experience will focus on general medical skills, evaluation and treatment techniques. Students will complete 12-16 hours of clinical education per week.

Prerequisites: ATTR 5320K and ATTR 5420K and ATTR 5500 and ATTR 5620

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lab hours: 8

**ATTR 5700 - Clinical Professionalism (1 Credit)**

The purpose of this class is for students to develop skills specific to clinical professionalism including but not limited to: communication, personal branding, growth mindset, conflict resolution, interpersonal relationships, and emotional intelligence. Students will reflect on their own professional goals and professional interactions with others, and develop competencies in navigating all elements of their professional development.

Prerequisites: ATTR 6120 and ATTR 6130 and ATTR 5630

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 1

**ATTR 6120 - Psychological Aspects of Health (2 Credits)**

This course will examine the knowledge and skill necessary for recognition, assessment, and appropriate medical referral for psychosocial healthcare. Further, this course will emphasize concepts of emotional health, as well as motivation and psychological support as part of a comprehensive patient care plan.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 2

**ATTR 6130 - General Medicine (3 Credits)**

This course examines how illness affects the body's function. Focus will be on common illnesses and diseases that affect the physically active population. The areas covered incorporate pathophysiology including congenital and acquired abnormalities, physical disabilities and diseases. The areas will be explored through a systematic approach including the: nervous system, pulmonary, integumentary, endocrine, cardiovascular, gastrointestinal, renal, and genitourinary systems.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 3

**ATTR 6200 - Organization and Administration (3 Credits)**

This course will focus on the concepts of legal liability, budget/financial and personnel management, marketing, public relations, inventory control, facility/design/development/maintenance, and administration of allied-health care programs. Additionally, the day-to-day supervision, scheduling and provision of services to athletes and other physically active individuals offered in the athletic training room, health-care facilities and other venues will be addressed.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 3

**ATTR 6300 - Athletic Training Seminar (3 Credits)**

This course will present topics on rotating based on current issues and evidence-based content of the student's faculty interest. Interdisciplinary education is included within the course.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 3

**ATTR 6400 - Comprehensive Examination (0 Credits)**

This is a cumulative experience which reflects the student's knowledge in athletic training. All students pursuing the masters of athletic training are required to sit for a comprehensive exam. Students must receive permission from the athletic training program director to schedule the exam. A pass/ fail is awarded for the exam. Students must pass in order to progress in the curriculum.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

**ATTR 6500 - Professional Preparation (2 Credits)**

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 2

**ATTR 6610 - Athletic Training Clinical IV (4 Credits)**

This course will include both didactic and experiential learning. Students will be assigned to a clinical education site on campus or at an affiliated site. This course will focus on an immersive clinical experience focusing on emergency management skills. Students will complete 35-40 hours of clinical education per week.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lab hours: 8

**ATTR 6620 - Athletic Training Clinical V (4 Credits)**

This course will include both didactic and experiential learning. Students will be assigned to a clinical education site on campus or at an affiliated site. This is an immersive experience. The focus on the clinical experience will be to prepare for independent function as an entry level athletic trainer. Students will complete 35-40 hours of clinical education per week.

**Restrictions:**

Enrollment limited to students with a semester level of Graduate.

Lab hours: 8