Athletic Training

Program Director:
David Colt, EdD, LAT, ATC
321 Hearnes Center
Columbia, MO 65211

Athletic training is a health care profession in which the Athletic Trainer assumes responsibility for the overall health care of the athletic and physically active population, particularly having an integral role in the prevention, recognition, care and rehabilitation of injuries and illnesses. Athletic Trainers have been employed in traditional settings including high schools, colleges, universities, professional sports teams, hospitals, and rehabilitation clinics. The practice of athletic training also includes, but is not limited to, physicians’ offices, corporate and industrial institutions, the military and the performing arts. Regardless of the practice setting, Athletic Trainers practice athletic training (or provide athletic training services) according to educational preparation and state practice act.

Degree Transition

The Department of Physical Therapy, Athletic Training Program currently offers a Bachelor of Health Science degree in Athletic Training, however, the program is no longer accepting students to the undergraduate athletic training program as we are transitioning to a Master of Athletic Training (MAT) Degree Program.

The University of Missouri’s Athletic Training Program is currently accredited by the Commission on Accreditation of Athletic Training Education (CAATE), 6850 Austin Center Blvd., Suite 100, Austin, TX 78731-3101. Pending institutional, state, and regional accreditor approval, the MU Athletic Training program anticipates notifying the CAATE for a level of degree change in early 2019.

Updates regarding the Masters of Athletic Training program will be announced, along with requirements and application procedures, on the Athletic Training program website as they become available.

The Department of Athletic Training will begin accepting graduate applications beginning July 2019 for the Inaugural Class of 2022 who will start coursework in the Summer of 2020. A limited number of students will be accepted per cohort.

For more information, please visit www.shp.missouri.edu/atp

Faculty

Associate Teaching Professor: D. Colt, K. Belmore
Assistant Teaching Professor: D. Belmore
Adjunct Faculty: M. McElhinney, N. Philpot, J Lewis

* Graduate Faculty Member - membership is required to teach graduate-level courses, chair master's thesis committees, and serve on doctoral examination and dissertation committees.

** Doctoral Faculty Member - membership is required to chair doctoral examination or dissertation committees. Graduate faculty membership is a prerequisite for Doctoral faculty membership.

Undergraduate

- BHS in Athletic Training (http://catalog.missouri.edu/undergraduategraduate/schoolofhealthprofessions/athletictraining/bhs-athletic-training)

Graduate

- MAT in Athletic Training (http://catalog.missouri.edu/undergraduategraduate/schoolofhealthprofessions/athletictraining/ma-athletic-training)

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

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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; 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.

Credit Hours: 4
Prerequisites: Restricted to Athletic Training majors; Completion of ATHTRN 3300 with a minimum grade of B-

ATHTRN 3500: 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 only, Completion of ATHTRN 3150 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 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 4800: 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
**Prerequisites:** Restricted to Athletic training majors; Completion of ATHTRN 4150 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 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-