ATHLETIC TRAINING

OVERVIEW
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OVERVIEW
The mission of the University of Vermont MS in Athletic Training Program (hereafter MSAT) is to prepare and educate graduate students in the allied health profession of Athletic Training. By engaging students with the competencies and clinical proficiencies of the Commission on Accreditation of Athletic Training Education (CAATE) through professional integration of clinical behaviors and clinical decision-making, it is the mission of the MSAT to prepare high-quality, responsible, confident students to pass the Board of Certification (BOC) exam and to be prepared for employment as a Certified Athletic Trainer. It is also the mission of the UVM MSAT Program to conduct the preparation of athletic training students in a caring, respectful environment, keeping in mind that each student is an individual with unique talents and needs.

DEGREES
Athletic Training M.S.

FACULTY
Sibold, Jeremy S.; Associate Professor, Department of Rehabilitation and Movement Science; EDD, West Virginia University
Tourville, Timothy; Assistant Professor, Department of Rehabilitation and Movement Science, PHD; University of Vermont
Westervelt, Karen C.; Clinical Assistant Professor, Department of Rehabilitation and Movement Science; PHD, Bond University-Robina, Queensland, Australia

Courses
AT 344. Therapeutic Modalities in AT. 3 Credits.
Lectures and laboratory experiences in which students will learn theory & application skills for therapeutic modalities including heat, cold, light, water, sound, electricity, massage, and biofeedback. Prerequisite: Master of Science in Athletic Training student.

AT 355. Emergency Medicine in AT. 3 Credits.
Prepare athletic training students with the skills necessary for emergency medical response, as delineated by the role and responsibilities of a certified athletic trainer. Emergency care is one of the most critical components for an athletic trainer. Prerequisite: MS in Athletic Training student.

AT 356. Clinically Oriented Anatomy. 3 Credits.
Presents students the opportunity to study the structure and functional relationships of the musculoskeletal system of the human body as they relate to typical AT-related orthopedic/musculoskeletal pathologies and restorative/reconstructive surgical approaches thereof. Prerequisite: Master of Science in Athletic Training student.

AT 357. Clinically Applied Anatomy. 1 Credit.
Studies the structure and functional relationships of the musculoskeletal system of the human body as they relate to typical AT-related orthopedic/musculoskeletal pathologies and restorative/reconstructive surgical approaches thereof. Prerequisite: AT 356.

AT 358. Fundamentals of AT. 2 Credits.
Teaches fundamentals of Athletic Training. Cognitive and psychomotor skills will be taught in the areas of prevention, recognition, assessment, treatment and basic rehabilitation of injuries. Laboratory material covered includes athletic training facility procedures and basic athletic training skills. Prerequisite: MS in Athletic Training student.

AT 359. Clinical Skills in AT I. 1 Credit.
Clinical skills laboratory course, conducted as primarily hands-on skill development, application, and proficiency evaluation of athletic training skills. Prerequisite: MS in Athletic Training student.

AT 360. Clinical Skills in AT II. 1 Credit.
Clinical skills instruction course, conducted as primarily hands-on skill development, application, and proficiency evaluation of athletic training skills. Prerequisite: MS in Athletic Training student.

AT 361. Clinical Skills in AT III. 1 Credit.
Utilizes discussion, lecture, hands-on laboratory skill demonstrations, and clinical simulation experiences to disseminate the leading concepts and practices regarding non-orthopedic conditions and concerns commonly encountered by athletic trainer?s in clinical practice. Prerequisite: MS in Athletic Training student.

AT 362. Clinical Skills in AT IV. 1 Credit.
Utilizes discussion, lecture, hands-on laboratory skill demonstrations, and clinical simulation experiences to disseminate the leading concepts and practices regarding non-orthopedic conditions and concerns commonly encountered by athletic trainer?s in clinical practice. Prerequisite: MS in Athletic Training student.

AT 365. AT to EMT Bridge. 3 Credits.
Provides a unique avenue for athletic training majors to sit for the National Registry for Emergency Medical Technicians certification exam. Students will be instructed on advanced and accelerated skills and topics in emergency care. Prerequisites: Senior standing in the undergraduate Athletic Training program or upper level student in the Master of Science in Athletic Training program.

AT 369. Clinical Experience in AT I. 2 Credits.
The athletic training student (ATS) will assist in the operation and management of a professional athletic training work setting. The clinical experience shall consist of supervised fieldwork designed to give students an experience in specialized areas for their professional development. Prerequisite: MS in Athletic Training student.

AT 370. Clinical Experience in AT II. 2 Credits.
The athletic training student (ATS) will assist in the operation and management of a professional athletic training work setting. The clinical experience shall consist of supervised fieldwork designed to give students an experience in specialized areas for their professional development. Prerequisite: MS in Athletic Training student.
**AT 371. Clinical Experience in AT III. 2 Credits.**
The athletic training student (ATS) will assist in the operation and management of a professional athletic training work setting. The clinical experience shall consist of supervised fieldwork designed to give students an experience in specialized areas for their professional development. Prerequisite: MS in Athletic Training student.

**AT 372. Clinical Experience in AT IV. 2 Credits.**
The athletic training student (ATS) will assist in the operation and management of a professional athletic training work setting. The clinical experience shall consist of supervised fieldwork designed to give students an experience in specialized areas for their professional development. Prerequisite: MS in Athletic Training student.

**AT 373. Clinical Experience in AT V. 2 Credits.**
The athletic training student (ATS) will assist in the operation and management of a professional athletic training work setting. The clinical experience shall consist of supervised fieldwork designed to give students an experience in specialized areas for their professional development. Prerequisite: MS in Athletic Training student.

**AT 384. Injury Eval and Recognition I. 3 Credits.**
Integrative and clinical in nature, consisting of evaluation and recognition of head and lower extremity injuries to the physically active, counseling, guidance and education of patients in regards to their injury, prevention, risk factors and basic treatments. Prerequisite: MS in Athletic Training student.

**AT 385. Injury Eval and Recognition II. 3 Credits.**
Integrative and clinical in nature, consisting of evaluation and recognition of spine and upper extremity injuries to the physically active, counseling, guidance and education of patients in regards to their injury, prevention, risk factors and basic treatments. Prerequisite: MS in Athletic Training student.

**AT 386. Evidence Based Practice in AT. 3 Credits.**
Students will develop basic evidence-based practice knowledge and skills, and apply findings to their practice as a health and wellness professional. As described by the 5th Edition of the NATA Board of Certification Educational Competencies. Prerequisite: MS in Athletic Training student.

**AT 387. Recog & Tx of Med Cond in AT. 3 Credits.**
Contemporary general medical issues in the field of Athletic Training with the ultimate outcome of being able to recognize, evaluate, differentiate, and treat systemic illness and injury. Topics include clinical decision-making, pathophysiology, pharmacology, and general medical conditions and disabilities. Prerequisite: MS in Athletic Training student.

**AT 388. Rehab Techniques in AT. 3 Credits.**
Designed to teach the athletic training student post injury rehabilitation and conditioning techniques involved in returning an active individual to normal and athletic activity. Prerequisite: MS in Athletic Training student.

**AT 389. Leadership in AT. 3 Credits.**
Skill development around concepts of diversity, equity, social justice, active citizenship, and inclusive excellence in health care management, leadership, and professional development within the field athletic training. Prerequisite: MS in Athletic Training student.

**AT 390. Seminar in AT. 1 Credit.**
A forum for students to share real life experiences from their clinical education settings. Guest speakers in this course serve as experts in the field and also contribute to discussion regarding clinical application of AT competencies. Prerequisite: MS in Athletic Training student.

**AT 391. Advanced Seminar in AT. 1 Credit.**
A forum for students to share real life experiences from their clinical education settings and contribute to group discussion as well as promote professional development through a focus on preparation for the Board of Certification examination. Prerequisite: MS in Athletic Training student.