



DEPARTMENT OF KINESIOLOGY Master of Science in Athletic Training

(University Approval: May 2019; SACSCOC Approval: August 2020; Degree Transition Approval from CAATE: Commission on Accreditation of Athletic Training Education: March 11, 2021)

Master of Science in Athletic Training

Athletic trainers (ATs) are highly qualified, multi-skilled health care professionals who collaborate with physicians to provide preventative services, emergency care, clinical diagnosis, therapeutic intervention and rehabilitation of injuries and medical conditions. The Master of Science in Athletic Training (MSAT) will prepare graduates to be confident healthcare providers and life-long learners by providing quality didactic, clinical, and interprofessional experiences. Students will develop evidence-based knowledge and skills, while demonstrating professionalism, ethical conduct, and critical thinking skills. Students will complete both integrative and immersive experiences in intercollegiate sports, high schools, rehabilitation clinics, physician practices and practice advancement settings. An immersive clinical experience is a practice-intensive experience that allows the student to experience the totality of care provided by athletic trainers. Students will also complete an immersive field experience in the summer of their 2nd year. Field experiences have included physician practices, intercollegiate sports (Texas A&M, UNT, Houston Christian University, UT El Paso, University of Minnesota), and professional sports (Minnesota Vikings, Dallas Cowboys, Houston Texans, Tennessee Titans, and Las Vegas Aces).

Texas Christian University is accredited by the Commission on Accreditation of Athletic Training Education (CAATE) located at 2001 K Street NW, 3rd Floor North, Washington, DC 20006. The program will have its next comprehensive review during the 2030-2031 academic year.

Mission Statement

The mission of the TCU Master of Science in Athletic Training Program is to prepare graduates to be confident healthcare providers and life-long learners through quality didactic, clinical, and interprofessional education experiences. Students will develop evidence-based knowledge and skills, while demonstrating professionalism, ethical conduct, and critical thinking skills.

Option 1: Early Admission Master's Program. This option is recommended for entering first-year and transfer students who want to pursue the athletic training degree. Transfer students will be evaluated on a case-by-case basis regarding credits and/or time to matriculate to the professional program and should contact the Athletic Training Program Director.

The Early Admission Master's Program allows students to complete a Bachelor of Science in Movement Science and a Master of Science in Athletic Training degree in only 5 years (3 pre-professional years plus 2 professional years leading to two separate degrees). The Bachelor of Science in Movement Science will be conferred in August prior to beginning the 4th year of study and students will participate in their undergraduate graduation ceremony in December.

As part of their financial-aid package, MSAT students will receive a 40% tuition discount for each semester following conferment of their undergraduate degree. Students may also be eligible for tuition-based scholarships each semester they are enrolled in courses for the professional degree (final six semesters of the 5-year plan).

1. Students will apply to TCU and declare the MO32 BS option.

- a. Students will apply for the MSAT during their junior year and/or when they have met the requirements for the MOSC degree).
 - b. Students must meet the Admission Requirements for the MSAT Program and the TCU Graduate School.
2. Students will complete 6 semesters of clinical experiences to include both integrative and immersive experiences as required by the 2020 CAATE Standards.

**Combined Bachelor of Science in Movement Science/Master of Science in Athletic Training
Degree Plan**

Year 1 Fall	Year 1 Spring
CHEM 10213 Applied Chemistry I (3 cr) KINE 10101 Introduction to Kinesiology (1 cr) KINE 10603 Anatomical Kinesiology (3 cr) ENGL 10803 Intro Comp (WCO) (3 cr) Humanities-Religion (HUM, RT) (3 cr) Social Science- Global Awareness (SSC, GA) (3 cr) Total Credit Hours (16)	CHEM 10225 Applied Chemistry II w/ Lab (5 cr) Social Science- Citiz. Soc. Val. (SSC, CSV) (3 cr) Fine Arts (FAR) (3 cr) Humanities-Literature (HUM, LT) (3 cr) PSYC 10213 General Psychology (CA) (3 cr) Total Credit Hours (17)
Year 1 Summer	
BIOL 10003 (NSC) (3 cr) MATH 10054 Precalculus w/ Trigonometry (4 cr) Total Credit Hours (7)	
Year 2 Fall	Year 2 Spring
BIOL 20204 Anat & Phys I (NSC) (4 cr) COMM 10123 Basic Speech (OCO) (3 cr) NTDT 20403 (3 cr) HLTH 20203 Health and Wellness Concepts (3 cr) Elective (3 cr) Total Credit Hours (17)	BIOL 20214 Anat & Phys II (4 cr) ENGL 20803 Intermediate Comp (WCO) (3 cr) MATH 10043 Elementary Statistics (MTH) (3 cr) KINE 20313 Foundations of Sport Injuries (3 cr) NTDT 30331 Medical Terminology (1 cr) Total Credit Hours (14)
Year 2 Summer	
Humanities (HUM) (3 cr) HIST 10603 or 10613 (SSC, HT) (3 cr) Total Credit Hours (6)	
Year 3 Fall	Year 3 Spring
PHYS 10154 (NSC) (4 cr) HLTH 30233 Exercise Neurophysiology (WEM) (3 cr) KINE 30523 Exerc. Test & Prescripti (WEM) (3 cr) KINE 30623 Biomechanics (3 cr) KINE 30833 Phys. Activity & Disability (3 cr) Total Credit Hours (16)	KINE 30403 Motor Behavior (3 cr) KINE 30713 Psychology of Sport (3 cr) KINE 30423 Motor Development (3 cr) KINE 30843 Neuromuscular Pathophys. (3 cr) KINE 30634 Exercise Physiology (NSC) (4 cr) Total Credit Hours (16)
Year 3 Summer	
KINE 55013 Clinical Skills and Emergency Management (3 cr) KINE 55023 Introduction to Therapeutic Interventions (3 cr) KINE 55033 Introduction to Musculoskeletal Evaluation (3 cr) KINE 55001 AT Clinical I (1 cr) Total Credit Hours (10)*	

Year 4 Fall	Year 4 Spring
KINE 50104 Musculoskeletal Evaluation of the Extremities (4 cr) KINE 50214 Advanced Therapeutic Interventions (4 cr) KINE 50113 Organization and Administration in Athletic Training (3 cr) KINE 50201 Athletic Training Clinical II (1 cr) Total Credit Hours (12)	KINE 50124 Head, Neck, and Spine (4 cr) KINE 50224 General Medical Conditions and Applied Pharmacology (4 cr) KINE 55042 Research in Athletic Training (2 cr) KINE 50301 Athletic Training Clinical III (1 cr) Total Credit Hours (11)
Year 4 Summer	
KINE 60303 Athletic Training Field Experience (3 cr) Total Credits Hours (3)	
Year 5 Fall	Year 5 Spring**
KINE 60313 Current Trends and Issues in Athletic Training (3 cr) KINE 60323 Behavioral Health Concerns for the Athletic Trainer (3 cr) KINE 60403 Athletic Training Clinical IV (3 cr) Total Credit Hours (9)	KINE 60413 Seminar in Athletic Training (3 cr) KINE 60453 Advanced Clinical Skills and Techniques (3 cr) KINE 60533 Athletic Training Clinical V (3 cr) Total Credit Hours (9)

*10 hours of dual undergraduate/graduate credit toward the MSAT; BS degree conferred (August)

**Master of Science in Athletic Training degree conferred

Note: Students should declare the Early Admission Master's Program option (MO32 BS) in their first year at TCU. This ensures that the student stays on track to complete both the Bachelor of Science in Kinesiology (Movement Science) and Master of Science in Athletic Training in 5 years. 42 hours of upper division (30000+) must be taken at TCU for undergraduate degree. Students pursuing the Early Admission Master's Program option should have at least 110 credit hours by the end of their 3rd year at TCU.

Option 2: Two-year program. This option is for students who have already completed a baccalaureate degree. As part of their financial-aid package, MSAT students will receive a 40% tuition discount each semester in the program and may also be eligible for additional tuition-based scholarships.

1. Students must meet the Admission Requirements for the MSAT Program and the TCU Graduate School.
2. Students will complete 6 semesters of clinical experiences to include both integrative and immersive experiences as required by the 2020 CAATE Standards.

Master of Science in Athletic Training Degree Plan

Summer 1	
KINE 55013 Clinical Skills and Emergency Management (3 cr) KINE 55023 Introduction to Therapeutic Interventions (3 cr) KINE 55033 Introduction to Musculoskeletal Evaluation (3 cr) KINE 55001 AT Clinical I (1 cr)	
Total Credit Hours (10)	
Fall 1	Spring 1
KINE 50104 Musculoskeletal Evaluation of the Extremities (4 cr) KINE 50214 Advanced Therapeutic Interventions (4 cr) KINE 50113 Organization and Administration in Athletic Training (3 cr) KINE 50201 Athletic Training Clinical II (1 cr)	KINE 50124 Head, Neck, and Spine (4 cr) KINE 50224 General Medical Conditions and Applied Pharmacology (4 cr) KINE 55042 Research in Athletic Training (2 cr) KINE 50301 Athletic Training Clinical III (1 cr)
Total Credit Hours (12)	Total Credit Hours (11)
Summer 2	
KINE 60303 Athletic Training Field Experience (3 cr)	
Total Credits Hours (3)	
Fall 2	Spring 2
KINE 60313 Current Trends and Issues in Athletic Training (3 cr) KINE 60323 Behavioral Health Concerns for the Athletic Trainer (3 cr) KINE 60403 Athletic Training Clinical IV (3 cr)	KINE 60413 Seminar in Athletic Training (3 cr) KINE 60453 Advanced Clinical Skills and Techniques (3 cr) KINE 60533 Athletic Training Clinical V (3 cr)
Total Credit Hours (9)	Total Credit Hours (9)

Admission Requirements

In order to gain admission to the Master of Science in Athletic Training program, applicants must meet these specific program requirements:

1. Completion of a bachelor's degree at a regionally accredited college or university. Admission is made on the assumption that applicants will have the bachelor's degree by the time of matriculation, and if not, the MSAT program admission is void. The GRE is not required.
 - a. TCU students who have declared the Early Admission Master's Program (MO32 BS) option that wish to apply to the professional phase of the MSAT program must complete at least 110 credit hours of undergraduate courses and the requirements for the Movement Science degree in Kinesiology before beginning graduate level courses. Students will complete 10 hours of dual undergraduate/graduate credit toward the MSAT in Summer 1

of the professional program. At the end of Summer 1, assuming that all other undergraduate graduation requirements are met, the student will earn their Bachelor of Science in Movement Science.

2. GPA of 3.0 or higher with a grade of C or better in all designated prerequisite courses (see below);
3. Completed program application through the Athletic Training Centralized Application Service (ATCAS):
 - a. References: Applicants must submit two reference forms that include a letter of recommendation from people who can address the applicant's academic abilities, interpersonal skills, and potential for graduate education and professional athletic training practice.
 - b. Transcripts: Copy of all academic transcripts. Students who have taken prerequisites at another institution may be asked to submit syllabi to determine if course met the prerequisite.
 - c. Resume: Applicants must submit a current resume or vitae with their application.
 - d. Personal Statement demonstrating strong written communication skills.
 - e. Interview: Applicants must also complete an interview as part of the admission process.
4. Observation Experience: Verification of 100 hours of observation in an athletic training setting under the direct supervision of a BOC ATC (high school, college, clinic, etc.).
 - a. Student should upload letter to ATCAS from supervising athletic trainer(s) verifying observation hours in that setting
5. Students may begin applying to the TCU MSAT on July 1st through ATCAS.
6. Students following the Early Admissions Master's Program (MO32 BS) option must apply through ATCAS and complete all of the above steps for program admission. Following this option does not guarantee admission to the program. Students who are not admitted to the professional program will complete their undergraduate degree in Movement Science.

Prerequisite Courses

In order to be considered for admission to the graduate program, students who have already completed a baccalaureate degree will be required to have completed the following courses at TCU or their equivalents from another institution prior to matriculation. These courses are included in the Early Admission Master's Program option (MO32 BS).

Biology I (BIOL 10003)*; Chemistry I (CHEM 10113)*; Physics I (PHYS 10154)*; Anatomy and Physiology I (BIOL 20204)*; Anatomy and Physiology II (BIOL 20214)*; Exercise Physiology (KINE 30634); Biomechanics (KINE 30623); Health and Wellness Concepts (HLTH 20313); Foundations of Sport Injuries (KINE 20313); Psychology (PSYC 10213); Nutrition (NTDT 20403); Medical Terminology (NTDT 30331); Statistics (MATH 10043)

**Science prerequisites must include a lab component*

Athletic Training Course Descriptions

KINE 55013 Clinical Skills and Emergency Management (3 cr): Evaluation and management of acute and emergency conditions.

KINE 55023 Introduction to Therapeutic Interventions (3 cr): Foundational knowledge and skills of therapeutic interventions in the treatment and rehabilitation of musculoskeletal injuries.

KINE 55033 Introduction to Musculoskeletal Evaluation (3 cr): Foundational knowledge and skills of the musculoskeletal evaluation process.

KINE 55042 Research in Athletic Training (2 cr): Methods and procedures utilized in research and the evidence-based approach to making clinical decisions in athletic training.

KINE 55001 Athletic Training Clinical I (1 cr): Introduction to the Athletic Training Profession and implementation of knowledge and skills in an initial immersive practice setting.

KINE 50104 Musculoskeletal Evaluation of the Extremities (4 cr): Develop an evidence-based approach to the clinical evaluation and diagnosis of lower and upper extremity pathologies.

KINE 50113 Organization and Administration in Athletic Training (3 cr): Knowledge and skills necessary to administer and manage an athletic training program including record-keeping, budget, insurance, facility principles, legal issues, and professional ethics.

KINE 50124 Head, Neck, and Spine (4 cr): Develop an evidence-based approach to the clinical evaluation and therapeutic intervention of head, neck and spine pathologies.

KINE 50201 Athletic Training Clinical II (1 cr): Integration of athletic training knowledge and skills with classroom instruction and supervised clinical experience.

KINE 50214 Advanced Therapeutic Interventions (4 cr): Advanced knowledge and skills of therapeutic interventions in the treatment and rehabilitation of upper and lower musculoskeletal injuries.

KINE 50224 General Medical Conditions and Applied Pharmacology (4 cr): Evaluation and treatment of general medical conditions seen by the practicing athletic trainer and pharmaceuticals used in the treatment of these conditions.

KINE 50301 Athletic Training Clinical III (1 cr): Integration of athletic training knowledge and skills with classroom instruction and supervised clinical experience.

KINE 60303 Athletic Training Field Experience (3 cr): Field experience opportunity that allows student to gain immersive experiences in various Athletic Training settings. Field experiences require approval by the Athletic Training Program Director.

KINE 60313 Current Trends and Issues in Athletic Training (3 cr): Current trends and issues contributing to the professional preparation of athletic training professionals.

KINE 60323 Behavioral Health Concerns for the Athletic Trainer (3 cr): Recognition and management of the socio-cultural, mental, emotional, and physical behaviors of patients in traditional and emerging athletic training practice settings.

KINE 60403 Athletic Training Clinical IV (3 cr): Integration of athletic training knowledge and skills with classroom instruction and supervised integrative and immersive clinical experiences.

KINE 60413 Seminar in Athletic Training (3 cr): Current topics in the Athletic Training Profession and preparation for BOC examination.

KINE 60453 Advanced Clinical Skills and Techniques in Athletic Training (3 cr): Advanced clinical skills and techniques in the prevention, evaluation and treatment of musculoskeletal conditions.

KINE 60533 Athletic Training Clinical V (3 cr): Integration of athletic training knowledge and skills with classroom instruction and supervised integrative and immersive clinical experiences.

Review of applicants will begin on November 1st and will continue until cohort is filled. Students may begin applying to the TCU MSAT on July 1st through ATCAS. Due to a summer start date, no applications will be accepted after April 15th of the application year. All applicants will be evaluated in the same manner based on the following: GPA of 3.0 or higher and a grade of C or better in all designated prerequisite coursework, strength of references and letters of recommendation, personal statement, resume/curriculum vitae, verification of observation hours, and strength of interview.

Please visit <https://harriscollege.tcu.edu/kinesiology/graduate/athletic-training/index.php> for the most updated program and application information or visit contact the Athletic Training Program Director, Dr. Stephanie Jervas at s.jervas@tcu.edu or 817-257-5733.

