



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

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, and practice advancement settings (performing arts, physician practice, industrial, public safety). An immersive clinical experience is a practice-intensive experience that allows the student to experience the totality of care provided by athletic trainers.

NOTE: The program is accredited through the Commission on Accreditation of Athletic Training Education (CAATE) and is currently under review for transition to the graduate degree. The MSAT obtained university approval in April 2019 and regional accreditor approval (Southern Association of Colleges and Schools Commission on Colleges) in August 2020.

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: Five-year program (3 + 2). This 3 + 2 option allows students to complete a Master of Science in Athletic Training degree in combination with the Bachelor of Science in Kinesiology (Movement Science Option) in only 5 years (3 pre-professional years plus 2 professional years leading to two separate degrees). The Bachelor of Science in Kinesiology will be conferred in May of the 4th year of study.

1. Students will apply for the MSAT during their junior year. Review of applications will begin on February 1st and will continue until cohort is filled.
2. Students must meet the Admission Requirements for the MSAT Program and the TCU Graduate School.
3. Students will complete 6 semesters of clinical experiences to include both integrative and immersive experiences as required by the 2020 CAATE Standards.
4. Students will complete the MSAT degree at the end of their 5th year.
5. This program is recommended for entering freshmen and transfer students who want to pursue the athletic training degree. Transfer students will be evaluated on a case-by-case basis in regards to credits and/or time to matriculate to the professional program and should contact the Athletic Training Program Director.

Option 2: Two-year program. This option is for students who have already completed a baccalaureate degree.

1. Students must meet the Admission Requirements for the MSAT Program and the TCU Graduate School.
2. Review of applications will begin on February 1st and will continue until cohort is filled.
3. Students will complete 6 semesters of clinical experiences to include both integrative and immersive experiences as required by the 2020 CAATE Standards.

Suggested Plan of Study

Year 1 Fall	Year 1 Spring
CHEM 10113 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)	CHEM 10123/10122 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 (16)	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) NTDT 30331 Medical Terminology (1 cr)	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) Elective (3 cr) PEAC (1 cr)
Total Credit Hours (17)	Total Credit Hours (17)
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 Sport & Exerc. Pharm (WEM) (3 cr) KINE 30523 Exerc. Test & Prescripti (WEM) (3 cr) KINE 30623 Biomechanics (3 cr) KINE 30833 Phys. Activity & Disability (3 cr)	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)	Total Credit Hours (16)
Year 3 Summer	
Start of Athletic Training Curriculum (Summer 1)	
KINE 55013 Clinical Skills and Emergency Management (3 cr) KINE 55023 Therapeutic Interventions (3 cr) KINE 55033 Introduction to Musculoskeletal Evaluation (3 cr) KINE 55042 Research in Athletic Training (2 cr) KINE 55001 AT Clinical I (1 cr)	
Total Credit Hours (12)	
Year 4 Fall (Fall 1)	Year 4 Spring** (Spring 1)
KINE 50104 The Lower Extremity (4 cr) KINE 50113 Organization and Administration in Athletic Training (3 cr) KINE 50124 Head, Neck, and Spine (4 cr) KINE 50201 Athletic Training Clinical II (1 cr)	KINE 50214 The Upper Extremity (4 cr) KINE 50224 General Medical Conditions and Applied Pharmacology (4 cr) KINE 50301 Athletic Training Clinical III (1 cr) KINE 40780 Special Problems (3)*
Total Credit Hours (12)	Total Credit Hours (9-12)

Year 4 Summer (Summer 2)	
KINE 60303 Athletic Training Field Experience (3 cr)	
Total Credits Hours (3)	
Year 5 Fall (Fall 2)	Year 5 Spring*** (Spring 2)
KINE 60313 Current Trends and Issues in Athletic Training (3 cr)	KINE 60413 Seminar in Athletic Training (3 cr)
KINE 60323 Behavioral Health Concerns for the Athletic Trainer (3 cr)	KINE 60453 Advanced Clinical Skills and Techniques (3 cr)
KINE 60403 Athletic Training Clinical IV (3 cr)	KINE 60533 Athletic Training Clinical V (3 cr)
Total Credit Hours (9)	Total Credit Hours (9)

*Students on 3+2 track who must be enrolled in 12 credit hours for financial aid can enroll in KINE 40780 Special Problems (3 credit hours). These hours will not count toward the graduate degree.

**Bachelor of Science in Kinesiology conferred

***Master of Science in Athletic Training conferred

Note: Students should declare Movement Science and notify their advisor that they want to pursue the 3+2 MSAT during their Freshman Year. This ensures that the student stays on track to complete both the Bachelor of Science in Kinesiology and Master of Science in Athletic Training.

42 hours of upper division (30000+) must be taken at TCU for undergraduate degree. Students pursuing the 3+2 option should have at least 112 credit hours by the end of their 3rd year at TCU.

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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. TCU students currently following the MSAT 3+2 option that wish to apply to the "professional" phase of the MSAT program must complete at least 112 hours of undergraduate courses and the requirements for the Movement Science degree in Kinesiology before beginning graduate level courses;
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 including the following:
 - a. References: Applicants must submit two reference forms with letters 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. Essay: An essay, up to 500 words, demonstrating written communication skills. This essay should describe your career goals as an Athletic Trainer, how the program at TCU can help you achieve those goals, and what attracted you to the TCU Athletic Training Program.
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 submit letter from supervising athletic trainer(s) verifying observation hours in that setting
 - b. Letters should be submitted directly to the TCU Athletic Training Program Director
5. Interview: Applicants must also complete an interview as part of the admission process. All application materials must be on file prior to scheduling an interview.

NOTE: There is a \$60 application fee associated with the TCU graduate application

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 TCU MSAT 3+2 option. All applicants must have earned a 'C' or better in these courses.

Biology I (BIOL 10003)*; Chemistry I (CHEM 10113)*; Chemistry II (CHEM 10125)*; 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*

Review of applications will begin February 1st and will continue until cohort is filled. Please visit <http://harriscollege.tcu.edu/athletic-training/> for program and application information or visit the Athletic Training Office in TCU's Department of Kinesiology (Rickel 172).

Athletic Training Course Descriptions

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

KINE 55023 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 The Lower Extremity (4 cr): Develop an evidence-based approach to the clinical evaluation and therapeutic intervention of lower 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 The Upper Extremity (4 cr): Develop an evidence-based approach to the clinical evaluation and therapeutic intervention of upper extremity pathologies.

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.