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**MINNESOTA STATE
UNIVERSITY**
MANKATO

PRE-ATHLETIC TRAINING *College of Allied Health & Nursing*

WHAT DEGREE AND PROGRAM DO WE OFFER?

We offer a professional Master of Science in Athletic Training (MSAT). The program at Minnesota State Mankato was one of the first four athletic training programs in the United States and as such is among the oldest and most respected.

OPPORTUNITIES

If accepted into the MSAT program, the graduate may go into athletic training school. Athletic trainers must pass a national board examination to qualify to state licensure in order to practice as an athletic trainer.

JOB DESCRIPTION

Athletic Trainers are health care professionals who render service or treatment, under the direction of or in collaboration with a physician, in accordance with their education and training and the states' statutes, rules and regulations. As a part of the health care team, services provided by athletic trainers include injury and illness prevention, wellness promotion and education, emergent care, examination and clinical diagnosis, therapeutic intervention and rehabilitation of injuries and medical conditions.

Job Settings

Athletic trainers work with athletic and physically active clients and patients in professional, collegiate, and secondary school athletes, in sports medicine clinics, in hospital emergency care rooms, in acute and urgent care clinics, in physician offices, in occupational and industrial settings, in dance and performing arts, and in military/government/law enforcement settings.

Projected needs

Employment of athletic trainers is projected to grow 23 percent from 2016 to 2026, much faster than the average for all occupations. Demand for athletic trainers is expected to increase as people become more aware of the effects of sports-related injuries, and as the middle-aged and older population remains active (<https://www.bls.gov/ooh/healthcare/athletic-trainers.htm>).

Salaries

According to the US Bureau of Labor statistics the mean annual wage for an athletic trainer ranges between \$47,640 and \$74,180 depending on practice setting. In addition as the entry-level degree moves to the from the bachelors to the masters degree by 2022 the mean annual wage is expected to increase.

Related Careers

In addition to the athletic training practice settings listed above, athletic trainers may also find employment with this degree in health care administration, pharmaceutical and medical equipment sales.

Differences in training

The Master's degree in athletic training is becoming the entry-level (professional) degree for entry into the profession by 2022 however there are still bachelors programs accepting students. The bachelors programs will be preparing athletic training students using older curricular standards so prospective students should be aware of the differences in educational levels.

Credentials

Athletic Trainers must pass the national Board of Certification (BOC) examination for the athletic trainer. This examination is used by 49 states and the District of Columbia for licensing purposes. State license is necessary to practice in all states, except California. There are additional specialty certifications as well as proprietary add-on credentials and may be necessary for different practice settings.

BACKGROUND PREPARATION

The pre-athletic training students should take all of the science, biology, and health care/emergency care available.

FOR MORE INFORMATION PLEASE CONTACT:

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You are encouraged to visit the campus.

To arrange for a visit, please call:

Office of Admissions: 507-389-1822 • Toll-free: 800-722-0544

The professional entry-level degree for athletic training is moving to a master's degree. All professional programs in athletic training must be at the master's level by 2022. Undergraduate students should consider the general prerequisite coursework necessary for their eventual application to a master's program. The Commission on Accreditation of Athletic Training Education (CAATE) has set prerequisite knowledge in biology, chemistry, physics, psychology, anatomy, and physiology. Students must complete coursework in these areas prior to admission into a professional graduate program in athletic training. Some institutions may have additional requirements. This Pre-Athletic Training program encompasses the requirements required by CAATE beginning Fall 2020. Students are encouraged to identify the specific admission prerequisites at institutions for which they are interested in applying.

This program is similar to those of other allied health professions such as Pre-Physical Therapy and Pre-Occupational Therapy. This program allows students to prepare for professional programs in athletic training, including the Master of Science in Athletic Training program at Minnesota State University, Mankato. The Pre-Athletic Training curriculum is primarily a science-based curriculum which meets the requirements for the Commission on Accreditation of Athletic Training Education (CAATE) accreditation standards for "prerequisite knowledge." This coursework serves as the foundation for study in the professional program of athletic training. The student must complete coursework in these areas prior to admission into the professional program. This coursework, along with a bachelor's degree should qualify a student to apply to the majority of professional athletic training programs at the master's degree level. It is important that students check the requirements for their professional school(s) of choice as some require courses in addition to those contained in this concentration. In addition, some programs also require that the student take the Graduate Record Examination (GRE) and score at a certain level in order to be considered for admission. Undergraduate Majors to Consider with Pre-Athletic Training Pre-Athletic Training is not a major. You are required to select a major to complete for your degree. Most institutions do not require a specific undergraduate major. The following majors are related to pre-athletic training with joint coursework. We recommend the following undergraduate majors: exercise science, biology, health science/community health, physical education/health education teaching, or psychology. While graduate programs generally do not require a specific undergraduate major, they are concerned with your performance in undergraduate coursework, specifically your GPA, and expect you have successfully complete all prerequisite coursework.

Required Track	
BIOL 220 Human Anatomy (4) BIOL 330 Principles of Human Physiology (4) HP 265 Introduction to PT, OT, and AT (2) HP 348 Structural Kinesiology and Biomechanics (3) OR PHYS 211 General Physics I (or higher) may substitute for a biomechanics course (or both) HP 414 Physiology of Exercise (3) STAT 154 Elementary Statistics (4) OR HP 403 Research Methods and Statistics in Exercise Science (3)	FCS 242 Nutrition for Healthcare Professionals (3) PSYCH 101 Introduction to Psychological Science, OR a higher psychology (4) HLTH 210 First Aid and CPR (3) OR current CPR for the Professional Rescuer CHEM 111 Chemistry of Life Processes Part II, OR a higher chemistry course (5) HLTH 101 Health and the Environment (3 credits) OR a higher public/community health course
Preferred Prerequisite Courses	
(Not required, but may assist in application admission decisions as individual programs require the courses as additional foundational requirements)	
BIOL 105 General Biology I (4) Physics Any 200 level or higher Physics course HP 340 Prevention and Care of Athletic Injuries (2)	HLTH 460 Introduction to Epidemiology (3) HP 403 Research Methods and Statistics in Exercise Science (3) OR another Research Methods course

Note: International applicants should visit the specific program/institution for which they are interested in applying since they may have differing minimal internet TOEFL or IELTS scores. Second, students should check their professional schools of choice for specific admission requirements. Students should check the Commission on Accreditation of Athletic Training Education (CAATE) web site (www.caate.net) for information on pre-professional preparation as well as for professional programs of study.

For additional information about course requirements, please visit <https://mankato.mnsu.edu/academics/academic-catalog/>

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