

ATHLETIC TRAINING MASTER OF SCIENCE

Prerequisite Courses

Students entering this graduate program are expected to have appropriate academic preparation prior to beginning academic coursework in athletic training. Transcript evaluation will be done by the graduate faculty to determine fulfillment of prerequisite knowledge in these areas. The course description and/or syllabus may be used to determine acceptance.

- Human Physiology and Anatomy I and II with Labs
- Exercise Physiology
- Kinesiology or Biomechanics
- General Psychology
- Basic Nutrition
- Statistics

Preferred courses:

- Motor Learning
- undergraduate research course

Students who do not have a prerequisite course(s) may be admitted provisionally but must take the course(s) within one year of admission.

Program Admission Requirements

1. Undergraduate GPA of 3.0 (GPA below 3.0 may be considered)
2. Graduate Record Exam (GRE) or an equivalent exam.
3. Completed graduate application form and application fee.
4. Three (3) letters of recommendation.
5. Application essay.
6. Official transcripts from each institution attended.
7. Recommended a student complete observation hours under a certified athletic trainer or to application.
8. Student must complete technical standards and a background check once accepted into the program.

Admission into the Athletic Training Education Program is a competitive process.

Other Program Requirements

For other program requirements including retention and graduation requirements, please see the Athletic Training Program website (http://www.msbillings.edu/cahp/athletic_training) or Graduate Studies for the most current information.

Student Learning and Outcomes Assessment

The National Athletic Training Association (NATA), the Board of Certification (BOC) for Athletic Training and the Commission on Accreditation of Athletic Training Education (CAATE) have set the benchmarks for education, exam preparation, and professional practice for athletic training. The MSU Billings athletic training program seeks to meet and exceed the educational requirements presented in the NATA Athletic Training Education Competencies. The program further seeks to produce athletic trainers who possess the ability to function as professional athletic trainers in accordance with the current role delineation study, but also have the ability to conduct and evaluate research in the athletic training field.

Students who complete the Montana State University Billings Master of Science in Athletic Training will:

- Meet or exceed minimal requirements for professional certification
- Ascertain and demonstrate the required skills for all NATA Athletic Training Education Competencies
- Display critical thinking and formulate sound clinical decision making in their clinical field experiences
- Establish professional relationships with medical and allied health care providers
- Develop, design, and execute independent research projects

Outcome assessments are conducted in each course, during clinical experiences, and at the conclusion of the research project or thesis.

The athletic training program was granted initial accreditation in 2005. The MSUB ATP is currently accredited by CAATE through 2020-2021. Students are eligible to sit for the BOC examination.

The Athletic Training Education Program is a two year (five semester) program with each new cohort beginning in June.

Code	Title	Credits
ATEP 534	Athletic Training Techniques I	3
ATEP 535	Athletic Trng Techniques II	3
ATEP 540	Practicum in Athletic Trng I	1
ATEP 541	Practicum in Athletic Trng II	1
ATEP 542	Lower Extremety Assessment	3
ATEP 544	Upper Extremity Assessment	3
ATEP 546	General Medical Assessment	3
ATEP 550	Practicum in Athletic Trng III	1
ATEP 551	Practicum in Athletic Trng IV	1
ATEP 566	Therapeutic Modalities	3
ATEP 572	Therapeutic Exercise	3
ATEP 578	Org and Admin in Athletic Trng	3
ATEP 580	Pharmacology for Hlthcare Prof	3
HHP 502	Rsrch in Exercise & Sport Sci	3
HHP 550	Psychological Principles	3
HHP 598	Research Project	3-6
or HHP 599	Thesis	
NUTR 411	Nutrition for Sprts & Exercise	3
Total Minimum Credits		43-46

Students may substitute courses and change the program plan only with the approval of the graduate faculty.