

Athletic Training

MASTER OF SCIENCE

The graduate program in Athletic Training is designed to prepare students to become athletic training professionals. It prepares students for the Board of Certification (BOC). The curriculum is based upon cognitive and psychomotor learning experiences. In order to become eligible to sit for the BOC examination, students within this degree must complete all of the course work within the professional areas, as well as accumulate competencies, proficiencies and a minimum clinical experience each semester over the two-year program. The program begins in the third summer session.

Students who complete the Master of Science in Athletic Training will:

- Demonstrate the knowledge, skills and abilities defined in the competencies and proficiencies established by the National Athletic Training Association (NATA)
- Engage in critical thinking and clinical decision making
- Communicate with the public and other medical and health professionals
- Appreciate the need for professional and community involvement
- Demonstrate and appreciate research related to athletic training.

Completing the Master of Science in Athletic Training will lead to careers opportunities at:

- High Schools
- Colleges and Universities
- Professional Sports
- Corporate/Industrial Offices
- Outpatient Clinics
- Hospital Clinics

Students entering this graduate program are expected to have appropriate academic preparation prior to beginning academic coursework in athletic training. The following courses are listed using the Montana State University Billings rubrics and course titles. Transcript evaluation will be done by the graduate faculty to determine fulfillment of prerequisite knowledge in these areas. The course description and/or syllabus will be used to determine acceptance.

Required Prerequisites:

- Human Physiology and Anatomy I and II and corresponding labs
- Exercise Physiology
- Kinesiology or Biomechanics

Required Courses Include:

- Research Design and Interpretation
- Applied Statistics
- Legal Aspects of Sport
- Psychology of Coaching **OR**
- Psychological Principles
- Clinical Education I
- General Medical Assessment
- Graduate Athletic Training I
- Graduate Athletic Training II
- Clinical Education II
- Lower Extremity Evaluation
- Upper Extremity Evaluation
- Clinical Education III
- Therapeutic Modalities
- Rehabilitation Techniques
- Clinical Education IV
- Clinical Education V
- Athletic Training Practicum/Capstone
- Research Project **OR**
- Thesis



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