

HEALTH AND HUMAN PERFORMANCE BACHELOR OF SCIENCE/ATHLETIC TRAINING MASTER OF SCIENCE ACCELERATED OPTION (3+2)

The 3+2 between Health and Human Performance and Athletic Training Program (ATP) allows students to obtain both a Bachelor's degree in Health and Human Performance (HHP) and Master's degree in Athletic Training (AT) within five years, which is extremely beneficial to the student financially and effectively decreases time spent working towards a degree. Students are required to complete three years in the undergraduate HHP major, obtaining general education requirements as well as prerequisite courses for the ATP. During the third year, the student applies for acceptance into the ATP (February 1). If not accepted, the student may reapply to the ATP and continue to work on coursework for the HHP degree. If accepted, the student will begin specific ATP coursework in the beginning of the fourth year, with coursework beginning in June. After successful completion of the fourth year, students are eligible for graduation with the bachelor's degree. At the successful completion of the fifth year, students are eligible for graduation with the master's degree as well as eligible to take the Board of Certification (BOC) examination.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Evaluate a person's health status
- Evaluate human movement and performance
- Apply knowledge and skills to evaluate conditions and develop care plans
- Use evidence-based practice to inform and deliver patient care

Admission Requirements

1. Undergraduate GPA of 3.0 (GPA below 3.0 may be considered)
2. A standard graduate admission test (GRE or equivalent) must be on record if cumulative GPA is below a 3.0.
3. Three (3) letters of recommendation from academic and professional references concerning the candidate's potential to succeed in graduate school. At least one letter must be from a certified athletic trainer.
4. It is recommended but not required to obtain a minimum of 25-50 contact hours with a certified athletic trainer.
5. Official transcripts from each institution attended.
6. An essay stating why the student wants to be an athletic trainer, career goals, and the attributes the student possesses that will make him or her successful in life and athletic training.
7. Completed application through ATCAS (<https://atcas.liaisoncas.com/applicant-ux/#/login>). Once application and admission through ATCAS (<https://atcas.liaisoncas.com/applicant-ux/#/login>) is complete, the MSUB graduate student application must be completed and the application fee paid.
8. The program has rolling admission; therefore students can apply at any time, but application to begin the program in June must be completed in May.
9. Students will be required to participate in an internet- or phone-based interview with faculty from the program.

Provisional Acceptance

Once a student has met all admission criteria and is admitted into the ATP, that student will receive provisional acceptance. In order to gain full acceptance the student will have to successfully complete the following:

1. Technical Standards
2. Criminal Background Check
3. Prerequisite Courses. If a student does not have all the prerequisite courses and has met all other criteria for admission into the ATP, a student will be allowed one (1) year to successfully complete prerequisite courses and to gain admission.

Required Courses

Code	Title	Credits
General Education Requirements (https://catalog.msubillings.edu/undergraduate/general-education-requirements/)		31
Students should consult with an academic advisor before registering for General Education courses in order to minimize the number of courses needed to satisfy the requirements of the major.		
Interdisciplinary Core		
BIOB 101	Discover Biology *	3
PSYX 100	Intro to Psychology *	3
CHMY 123	Intro to Organic & Biochem	3
STAT 216	Introduction to Statistics *	4
Subtotal		13
Bachelor Requirements		
ACT 498	Internship/Cooperative Educ	3
AHAT 210	Prev & Care Athletic Injuries	3
AHMS 144	Medical Terminology	3
BIOH 301	Human Anatomy & Physiology I	3
BIOH 302	Human Anatomy & Phys I Lab	1
BIOH 311	Human Anatomy & Physiology II	3
BIOH 312	Human Anatomy & Phys II Lab	1
ECP 120	Emergency Medical Responder	3
KIN 105	Fnd of Exercise Science	3
KIN 106	Fndtns of Exercise Science Lab	1
KIN 210	Prncpls Strength Conditioning	3
KIN 320	Exercise Physiology	3
KIN 321	Exercise Physiology Lab	1
KIN 322	Kinesiology	3
KIN 323	Anatomical Kinesiology Lab	1
KIN 325	Biomechanics	3
KIN 328	Biomechanics Lab	1
KIN 330	Motor Learning and Control	3
KIN 331	Motor Learning and Control Lab	1
KIN 364	Rsrch Meths in Hlth Hmn Prfrm	3
KIN 415	Adv Exercise Test & Prescrip	3
NUTR 221	Basic Human Nutrition	3
Subtotal		52
Master Requirements		
ATEP 534	Emergency Management in AT	3
ATEP 535	Current Topics in Sports Med	3
ATEP 537	Fnd of Research & EBP in AT	3
ATEP 540	Practicum in Athletic Trng I	1

ATEP 541	Practicum in Athletic Trng II	1
ATEP 542	Lower Extremity Assessment	3
ATEP 544	Upper Extremity Assessment	3
ATEP 546	General Medical Assessment	3
ATEP 548	Head and Spine Assessment	3
ATEP 550	Practicum in Athletic Trng III	1
ATEP 551	Practicum in Athletic Trng IV	1
ATEP 559	Clinical Education I	2
ATEP 564	Clinical Education II	2
ATEP 574	Manual Therapy Techniques	1
ATEP 577	Clinical Education III	9
ATEP 581	Therapeutic Interventions I	3
ATEP 582	Clinical Education IV	2
ATEP 583	Therapeutic Interventions II	3
ATEP 588	Hlth Admin & Leadership in AT	3
HHP 598	Research Project	3-6
or HHP 599	Thesis	
NUTR 411	Nutrition for Sprts & Exercise	3
Subtotal		56-59
Total Minimum Credits		164

* May satisfy General Education requirements.

Certain courses in this program have prerequisites; students should check the course descriptions for required prerequisites.

Suggested Plan of Study

Please see the department for an updated plan of study.