

DEPARTMENT OF KINESIOLOGY & HEALTH
(KNH)



Updated 5-8-09

Athletic Training

The athletic training major at Miami University leads to the Bachelor of Science in Athletic Training degree and is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). Students who successfully complete this Athletic Training Education Program will be qualified and eligible to take the Board of Certification examination.

The mission of the Athletic Training Education Program at Miami University is to prepare educated professional athletic trainers through academic and clinical education in which students develop competency and proficiency of entry-level skills for successful completion of the Board of Certification examination and eventual employment placement in the Athletic Training Profession.

The program requirements for the major are listed in a four-year sequence. Students will develop skills in assessment, rehabilitation, reconditioning, prevention, immediate care, and administration. Areas of study include anatomy, biomechanics, and therapeutic exercise and modalities. In addition to the formal course requirements, clinical experiences under the direct supervision of a Certified Athletic Trainer (AT) is required to successfully fulfill the program requirements and to attain competency and proficiency of the required skills. Assistance is available to all students admitted into the program in finding placements to complete the clinical requirement. The clinical hours will be attained through scheduled clinical field experiences which shall include on campus athletic training facility morning and afternoon hours, sport practices, and competitions with Miami University Intercollegiate Athletics, local high schools, and clinics.

INTERESTS

Students who have an interest in sports, an allied medical health career, and in helping people pursue this major. This major, with a few additional elective courses may also prepare students to continue in a variety of professional schools including: physical therapy, occupational therapy, physician assistant, medical, or chiropractic.

CAREER OPPORTUNITIES

Just as Miami University has the reputation as the “Cradle of Coaches”, the Athletic Training Education Program has a rich tradition for producing athletic trainers. Since the establishment of the program in 1978, Miami has been successfully preparing students for a career as a certified athletic trainer. Following graduation and passage of the Board of Certification examination, our students begin careers in universities, professional sport organizations, high schools, sports medicine clinics, and industry. Since high schools are a prime job market for athletic trainers, some athletic training majors consider a double major or enrolling in a master’s degree in education program following graduation.

**Miami University
Athletic Training Major
Program Admission Requirements**

To enter the athletic training major, students must apply to and be accepted by the faculty of the Kinesiology & Health Department. Admission to the Athletic Training Education Program is limited due to accreditation enrollment restrictions. Students may pre-major by becoming “affiliate” athletic training students. The pre-major occurs for two semesters during which time the student will be rotated through clinical experiences in Intercollegiate Athletics for three five-week rotations each semester. They will observe and assist the ATs and athletic training students in a variety of athletic training facilities with several different teams and athletes. All entry-level athletic training pre-majors are required to complete an application to the program during their second semester. The following criteria must be met to be considered for admission:

- Documentation of signed Technical Standards in Athletic Training.
- Completion of at least 24 total credit hours including a minimum of 12 Miami Plan hours.
- Minimum grade point average of 2.5 in Miami Plan and required courses.
- Have completed KNH 182, KNH 183, KNH 183.L, and KNH 188.
- Minimum grade of “B” in KNH 182, KNH 183, and KNH 183.L.
- Have successful evaluations from the supervising athletic trainers.
- Documented annual health history/physical examination (dated no earlier than 1/1 of application year).
- Documented Hepatitis B vaccine series (or waiver).
- Successful writing sample.
- Interview with Athletic Training Education Program Director.
- Completed admission application and supplemental materials. (Applications are available on Blackboard/KNH Students/Athletic Training.)

Acceptance to the program is very competitive. Completion of the above items does not guarantee admission to the program. Upon acceptance to the program, you will be assigned to clinical sites at Miami University and designated affiliate clinical sites and be required to attend your clinical assignments on a daily basis (practices and events; mornings, afternoons, or evenings, and weekends) as per that particular clinical site. Your academic schedule will be the only limiting factor to your clinical assignments. Please note that employment and academic/athletic scholarship requirements will not waive your clinical obligations. Students are responsible for expenses of the above, and transportation to and from all clinical agencies.

For Information

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Check the website:
KNH Homepage: <http://www.muohio.edu/knh>

Miami Plan for Liberal Education (Athletic Training)

Foundation	Course #	Hours	Course Title
IA	ENG 111	3	College Composition
IB	ENG 112	3	Composition & Literature
IIA	Fine Arts	3	Choice
IIB	Humanities	3	Choice
IIC	KNH 188	3	Exercise and Health
II A, B, or C	KNH 276, KNH 242	3	The Meaning of Leisure, Personal Health
IIIA	U.S. Cultures	3	Choice
IIIB	World Culture	3	Choice
IV A	ZOO 161 + lab	4	Human Physiology
IVA or B	Physical Science	3	Suggestion: PHY 141, 181/183
IV A OR B	Biological or Physical Science	3	Suggestions: CHM 141 or 141R and 144 (Lab)
V	Mathematics, Formal Reasoning, Technology	3	Suggested STA 261
Thematic Sequence	Choice	9	Choice
Senior Capstone	KNH 402 (recommended)	3	Critical Reflection on Practices in Health and Physical Culture

Note: Remember historical (H) perspective requirements of the Miami Plan.

Program Requirements – KNH Core

- KNH 102 Fundamentals of Nutrition (3)
- KNH 184 Motor Skill Learning and Performance (3)
- KNH 184.L Motor Skill Learning and Performance Lab (1)
- KNH 276 The Meaning of Leisure (3) (MPFIIC) (H) **or**
KNH 274 Critical Perspectives on the Body (3)
- KNH 188 Exercise and Health (3) (MPF IIC) **or**
KNH 242 Personal Health (3) (MPF IIC) **or**
KNH 245 Personal Health and Pedagogy for Early Childhood Teachers (3)

Athletic Training Major Requirements (50–54 semester hours):

- ZOO 161 Principles of Human Physiology (4) (MPF IVA)
- PSY 111 Introduction to Psychology (4) (MPF IIC) **or**
EDP 201 Human Development and Learning in Educational Settings (3) (MPF IIC)
- KNH 182 Introduction to Athletic Training (2)
- KNH 183 Foundations of Athletic Training (3)
- KNH 183.L Foundations of Athletic Training Laboratory (1)
- KNH 188 Exercise and Health (3) (MPF IIC)
- KNH 242 Personal Health (3) (MPF IIC)
- KNH 244 Functional Anatomy (3)
- KNH 244.L Functional Anatomy Lab (1)
- KNH 285 Evaluation and Assessment of Athletic Injuries to the Head, Neck, and Torso (2)
- KNH 285.L Evaluation and Assessment of Athletic Injuries to the Head, Neck, and Torso Laboratory (1)
- KNH 286.A Practicum in Athletic Training I (1)
- KNH 286.B Practicum in Athletic Training II (1)
- KNH 286.C Practicum in Athletic Training III (1)
- KNH 286.D Practicum in Athletic Training IV (1)
- KNH 286.E Practicum in Athletic Training V (1)
- KNH 286.F Practicum in Athletic Training VI (1)
- KNH 287 Evaluation and Assessment of Athletic Injuries to the Extremities (2)
- KNH 287.L Evaluation and Assessment of Athletic Injuries to the Extremities Laboratory (1)
- KNH 288 Therapeutic Modalities (3)
- KNH 289 Therapeutic Exercise (3)
- KNH 381 Biodynamics of Human Performance (3)
- KNH 381.L Biodynamics of Human Performance (1)
- KNH 383 Operational and Administrative Aspects of Athletic Training (2)
- KNH 484 Sports Injury Pathology and Emergency Procedures (2)
- KNH 420.A Athletic Training Field Experience (1-4) {Elective}

Electives (7 - 12 credits)

With duplication of Miami Plan, KNH core, and major course requirements, student may have as many as 32 elective hours available.

Four Year Outline for Major in Athletic Training

Year One:			
<u>First Semester</u>		<u>Second Semester</u>	
ENG 111 College Comp. & Lit. (MPFIA)	3	ENG 112 College Comp. & Lit. (MPFIB)	3
KNH 182 Introduction to Athletic Training	2	KNH 183 Foundation of Athletic Training	3
KNH 188 Exercise and Health (MPFIIC)	3	KNH 183.L Athletic Training Lab	1
ZOO 161 Prin. Of Human Phys. (MPFIVA)	4	KNH 184 Motor Skill Learn. & Perf.	3
Fine Arts or Culture Course (MPF)	<u>3</u>	KNH 184.L Motor Skill Lab	1
	15	KNH 102 Fundamentals of Nutrition	3
		Fine Arts or Culture Course (MPF)	<u>3</u>
			17
Year Two:			
<u>First Semester</u>		<u>Second Semester</u>	
KNH 244 Functional Anatomy	3	KNH 287 Eval. & Assess. of A.I. Extremities	2
KNH 244.L Functional Anatomy Lab	1	KNH 287.L Eval. & Assess. of A.I. Ex. Lab	1
KNH 288 Therapeutic Modalities	3	KNH 286.B Practicum in Ath. Training II	1
KNH 286.A Practicum in Athletic Training I	1	KNH 289 Therapeutic Exercise	3
PSY 111 Int. to Psychology (MPFIIC)	4	Math, Formal Reasoning, Tech (MPFV)	3
<i>OR</i> EDP 201 Hum Dev Learn Ed (MPFIIC)	3	Thematic Sequence Course (MPT)	3
KNH 274 Crit. Perspectives on the Body	3	Science (MPFIV)	<u>3</u>
<i>OR</i> KNH 276 Meaning of Leisure (MPFIIC)	<u>3</u>		16
	14-15		
Year Three:			
<u>First Semester</u>		<u>Second Semester</u>	
KNH 285 Eval. & Assess. of A.I.-H, N, T	2	KNH 286.D Practicum in Ath. Training IV	1
KNH 285.L Eval. & Assess. of A.I.-H, N, T Lab	1	KNH 381 Biodynamics of Human Perf.	3
KNH 286.C Practicum in Ath. Train. III	1	KNH 381.L Biodynamics of Human Perf. Lab	1
KNH 242 Personal Health (MPFIIC)	3	Science (MPFIV)	3
Thematic Sequence Course (MPT)	3	Thematic Sequence Course (MPT)	3
Fine Arts or Cultures Course (MPF)	<u>3</u>	and/or Fine Art/Humanity (MPF)	3
	13	KNH 420.A option	<u>1-4</u>
			15-18
Year Four:			
<u>First Semester</u>		<u>Second Semester</u>	
KNH 286.E Practicum in Ath. Training V	1	KNH 286.F Practicum in Ath. Training VI	1
KNH 383 Op./Ad. Aspects of Ath. Training	2	KNH 484 Sports Injury Path. & Emerg. Proced.	2
Electives	11	Miami Plan Capstone (KNH 402 recommended)	3
World Culture (MPFIIIB)	<u>3</u>	Electives	<u>11-12</u>
	17		17-18