The Athletic Training Education Program (ATEP) provides students with a rigorous curriculum as well as a variety of clinical experiences. The ATEP is offered by the Department of Human Movement Sciences in cooperation with the UWM Athletics Department and Norris Student Health Center. Clinical experiences take place either on campus with NCAA Division I student-athletes or at one of our off-campus clinical affiliates. Students work directly with athletes at the high school, collegiate and/or professional level, as well as patients from the general population.

Athletic trainers are health care professionals who specialize in preventing, recognizing, managing and rehabilitating injuries that result from physical activity.

Athletic training is practiced by athletic trainers, health care professionals who collaborate with physicians to optimize activity and participation of patients and clients. Athletic training encompasses the prevention, diagnosis and intervention of emergency, acute and chronic medical conditions involving impairment, functional limitations and disabilities.

The demands for services have expanded beyond traditional “sport-related” roles to include exercise and re-conditioning, on-site occupational health, on-site injury prevention and fitness and wellness. As our society continues to age and increase its focus on health and physical activity, the role of the athletic trainer is likely to increase proportionally. The athletic trainer is able to provide a unique perspective in the prevention and treatment/rehabilitation of physical activities across our diverse and aging population.
**Why Consider UWM’s Program?**

- It’s accredited by the Commission on Accreditation of Athletic Training Education, one of 10 such programs in Wisconsin.

- Admission to the program is quite competitive with approximately 15 students admitted per year.

- Graduates qualify for the national board of certification examination and have a 80% first-time pass rate (national average is approximately 36%).

- The student to instructor ratio for all athletic training courses is less than 16:1.

- The student to clinical supervisor ratio is less than 8:1.

- Courses and clinical education experiences are delivered by certified athletic trainers, including Ph.D. and M.S. prepared instructors, as well as physicians, physical therapists and certified strength and conditioning specialists.

- Students’ learning is enhanced with state-of-the-art facilities and equipment. The brand-new 5800 sq. ft. athletic training room opened in 2006 and has a Biodex isokinetic dynamometer, Swim-Ex exercise pool, athletic training student study area and locker room.

- Students can choose from over 40 clinical affiliates in the greater Milwaukee area to do their clinical experience in hospitals, clinics and physicians offices.

- Within one year of graduation, 100% of students have either been accepted to graduate school or become employed in the athletic training field.

- The Society of Athletic Training Students (SATS) is an active student organization which volunteers in the community and provides support for students to pursue educational and professional development, such as attending professional workshops and conferences.

**Where You Can Work**

- Commercial health clubs
- Corporate fitness facilities
- High schools
- Colleges/universities
- Professional and collegiate sports teams
- Sports medicine clinics
- Dance companies
- Sales
- Physician extenders

**Job Outlook**

The athletic training profession grows by approximately 10% each year which is average for most professions. Salaries depend on education level, employment setting and experience. A 2005 National Athletic Training survey reported average salaries ranging from $28,495 to $63,568.

In Wisconsin, 2008 wage levels for Athletic Trainers were reported as follows: $35,350 (entry level), $44,790 (average) and $49,510 (experienced.)

**Years of College Required**

Minimally 4 years for entry level, largely contingent upon incoming proficiency in mathematics and acceptance into the ATEP after the first semester of the Freshmen Year.
Athletic Training Education Program
Bachelor of Science in Athletic Training
Department of Human Movement Sciences

Certified athletic trainers are health care professionals who specialize in preventing, recognizing, managing and rehabilitating injuries that result from physical activity. The Athletic Training Education Program (ATEP) provides students with a diversified education that includes a solid and rigorous curriculum as well as a variety of clinical experiences that prepares them to enter the profession of athletic training. The ATEP is offered by the Department of Human Movement Sciences in cooperation with the UWM Athletics Department and Norris Student Health Center.

The program blends didactic (classroom) learning with opportunities to apply such knowledge and clinical skills in a practical athletic training environment under the guidance of a Certified Athletic Trainer. These clinical experiences take place either on-campus with NCAA Division I student-athletes or at one of our off-campus clinical affiliates. Students will work directly with athletes at the high school, collegiate, and/or professional level as well as patients from the general population.

The mission of ATEP is guided by the Department of Human Movement Sciences’ Mission Statement, and seeks to provide a comprehensive athletic training educational program for students that not only meets, but also exceeds the educational standards set by its accrediting body. The faculty and staff recognize the importance of providing an educational foundation based upon scientific inquiry and experiential learning opportunities. Additionally, faculty and staff conduct an on-going program evaluation to maintain a state-of-the-art educational experience for ATEP students.

The Bachelor of Science -Athletic Training is offered by the Department of Human Movement Sciences and requires 131 credits to graduate. In addition to the University General Education Requirements, the ATEP’s curriculum is designed to prepare students to excel in the profession. Upon graduation, students are eligible to sit for the Board of Certification examination.

Admission to the ATEP is not automatic; students are required to meet eligibility criteria as defined by the ATEP Admissions Guidelines. The application process occurs in late Fall, and students are admitted into the program each January.

For more information on the ATEP, contact:
Jennifer E. Earl, PhD, ATC
Athletic Training Education Program Director
Pavilion Room 350
PO Box 413
Milwaukee, WI 53201
Phone (414) 229-3227
Fax (414)229-3366
Why Consider UWM’s Athletic Training Education Program?

- UWM’s Athletic Training Education Program (ATEP) is one of 10 accredited programs in Wisconsin.

- Athletic training students begin their hands-on, clinical education, in the spring of their first year in the program (i.e. spring of freshman year).

- Students graduating from the B.S. Athletic Training degree program qualify for the national athletic trainer’s certification examination and have a first-time pass rate that is above the national average.

- The student to instructor ratio for all athletic training courses is less than 16:1.

- The student to clinical supervisor ratio for all clinical experiences is less than 8:1.

- Athletic training courses and clinical education experiences are delivered by certified athletic trainers including PhD and MS prepared instructors, as well as physicians, physical therapists, and certified strength and conditioning specialists.

- Students interact with a diverse student population that encourages cultural growth and preparedness for providing athletic training services to a diverse patient population.

- The ATEP consists of a rigorous and challenging curriculum that includes specific athletic training clinical education, practical experiences, and is supported by the basic and human movement sciences.

- Student’s learning is enhanced with state-of-the-art facilities and equipment. The brand new 5800 sq ft athletic training room opened in January 2006, and includes a Biodex isokinetic dynamometer, Swim-Ex exercise pool, athletic training student study-area and locker room.

- Students have the opportunity to:
  - Participate in research projects guided by 3 PhD trained certified athletic trainers, and other human movement scientists
  - Obtain practical clinical experiences with Division I student athletes
  - Observe surgical procedures by one of the UWM Team Surgeons or other clinical affiliates
  - Observe high contact sports such as football, wrestling, and ice hockey at local high schools and colleges

- We currently have over 40 clinical affiliates in the greater Milwaukee area for additional clinical experiences and internships including the Columbia St-Mary’s Athletic Force, Froedert Sports Medicine, Blount Orthopaedics, Milwaukee Bucks, Milwaukee Brewers, Milwaukee Wave, Quadgraphics, and numerous high schools.

- The Society of Athletic Training Students (SATS) is an active student organization which volunteers in the community, and provides support for students to pursuing educational and professional development, such as attending professional workshops and conferences.
# UW-Milwaukee College of Health Sciences, Bachelor of Science Degree

**Athletic Training Major (130 credits)** (Effective Aug 2011)

## GER Courses that must be completed before graduation:
- **English**
- **Cultural Diversity**
- **Soc Science**
- **Humanities**
- **Math**
- **Foreign Language**
- **Nat Science**
- **Art**

## Freshman

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>HMS 200 Intro to Kinesiology</td>
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<td>HMS 312 Intro Prev, Care &amp; Treat. of Athletic Injury</td>
<td>3</td>
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<tr>
<td>*HMS 290 Field Work I: Observation in Athletic Training F</td>
<td>1</td>
<td>HMS 416 Competencies in Athletic Training F-S</td>
<td>2</td>
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<tr>
<td>*HMS 310 Responding to Emergencies F</td>
<td>1</td>
<td>BIO SCI 203 Anatomy &amp; Physiology II* F-S-Su</td>
<td>4</td>
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<tr>
<td>*Bio SCI 202 Anatomy and Physiology FS-Su</td>
<td>4</td>
<td>HMS 325 Anatomical Kinesiology F-S</td>
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<tr>
<td>Psych 101 Intro to Psychology F-S-Su</td>
<td>3</td>
<td>C L SCI 232 Intro to Nutrition F-S</td>
<td>3</td>
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<tr>
<td>SOCIOL 101 Intro to Sociology F-S-Su</td>
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<td>MATH 105 Intermediate Algebra</td>
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( * Required for application to the ATEP)

Total credits 15

## Sophomore

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<tbody>
<tr>
<td>HMS 314 Recog &amp; Eval of Injuries: Lower Extremity F</td>
<td>3</td>
<td>HMS 315 Recog &amp; Eval of Injuries: Upper Extremity S</td>
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<tr>
<td>HMS 413 Therapeutic Modalities in AT F</td>
<td>3</td>
<td>HMS 416 Competencies in Athletic Training F-S</td>
<td>2</td>
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<tr>
<td>HMS 416 Competencies in Athletic Training F-S</td>
<td>2</td>
<td>HMS 320 Biomechanics F-S-Su</td>
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<tr>
<td>HMS 270 Statistics in Health Professions F-S-Su</td>
<td>3</td>
<td>CHEM 100 Chemical Science F-S-Su</td>
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<td>Physics 120 General Physics I (Non-calculus) F-S</td>
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<td>GER Humanities Elective</td>
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<td></td>
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<td>COMMUN 103 Public Speaking</td>
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Total credits 15

## Junior

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<th>Course</th>
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<tbody>
<tr>
<td>HMS 414 Therapeutic Exercise &amp; Eval in Athletic Training F</td>
<td>3</td>
<td>HMS 216 Organization/Admin of AT S</td>
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<tr>
<td>HMS 316 Recog &amp; Eval of Injuries: Head, Neck, Trunk F</td>
<td>3</td>
<td>HMS 410 Med Aspects-Illness Management S</td>
<td>3</td>
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<tr>
<td>HMS 416 Competencies in Athletic Training F-S</td>
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<td>HMS 416 Competencies in Athletic Training F-S</td>
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<tr>
<td>HMS 330 Exercise Physiology F-Su</td>
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<td>HMS 336 Principles of Strength Training I S</td>
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<tr>
<td>HMS 351 Sociological Asp.-Health &amp; Human Mvmt F</td>
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<td>HMS 350 Psych Aspects of Sport and Exercise S</td>
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Total credits 15

## Senior

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<tbody>
<tr>
<td>HMS 489 Kinesiology Internship &amp; Seminar F-S-Su</td>
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<td>HMS 489 Kinesiology Internship &amp; Seminar F-S-Su</td>
<td>7</td>
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<tr>
<td>HMS 460 Introduction to Motor Development F</td>
<td>3</td>
<td>HMS 400 Ethics &amp; Values in Health/Fitness Profession S</td>
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<tr>
<td>HS 301 Human Pathophys: Fundamentals F-Su</td>
<td>1</td>
<td>HMS 461 Principles of Motor Learning S</td>
<td>3</td>
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<tr>
<td>HS 302 Human Pathophys: Systems I F-Su</td>
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<tr>
<td>HS 303 Human Pathophys: Organ Syst. II F-Su</td>
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<td></td>
</tr>
<tr>
<td>GER Arts Elective</td>
<td>3</td>
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</tbody>
</table>

Total credits 16

- Must obtain a minimum grade of C or better in Math 105 or higher, Chem 100, Phys 120, Bio Sci 202, Bio Sci 203, Psych 101, and Sociol 101
- Kinesiology Internship and Seminar (HMS 489) is a 640 hour internship requirement. This may be taken as a full-time, as two half-time full semester internships (seven credits in each of two consecutive semesters.)
- To meet UWM's Cultural Diversity requirement, select Elective credits that also fulfill Cultural Diversity. Courses that meet Cultural Diversity are identified on the GER Distribution List in the Schedule of Classes.
- Number of elective credits is subject to change as of the publication date of this catalog. Please contact the Student Services Office in Merrill 115 for the most up to date information.
- To be eligible for internship or to graduate, students must achieve a minimum UWM cumulative GPA of 2.500 and a minimum cumulative GPA of 2.750 in the following set of courses: **HMS 270, 320, 325, 330, 350, 351, 400, 460, and 461**, a cumulative GPA of 2.75 in the Athletic Training Core courses: HMS 216, 312, 314, 315, 316, 336, 410, 413, 414, and in each section of HMS 416 (S), students must earn a minimum grade of "B-" in each of these courses to progress in the program.
ADMISSION CRITERIA

The major consists of one semester of pre-Athletic Training study, and 7 semesters once admitted to the Athletic Training Education Program (ATEP) leading to the completion of 130 credits and a Bachelor of Science in Athletic Training degree. The major consists of a four-year curriculum of 130 credits including general education courses, foundation courses, kinesiology core courses, athletic training core courses, and clinical education courses. The curriculum is sequenced and tracked, and most courses must be taken during the planned semester. GER Courses that must be completed before graduation include: English, Math, Cultural Diversity, Foreign Language, Soc Science, Nat Science, Humanities, Art.

Application Eligibility Requirements
Students interested in applying for admittance into the ATEP must meet the following minimum requirements.

1. Cumulative UWM GPA of 2.5 (12 credits minimum),
2. Enrolled in Introduction to Kinesiology (HMS 200), Field Work in Athletic Training (HMS 212) and Responding to Emergencies (HMS 310) courses.
3. Enrolled in Anatomy and Physiology I (Bio Sci 201). (Earned grade of C or better prior to admission)

ACADEMIC REQUIREMENTS
In addition to the Human Movement Sciences professional core of required courses, students in the ATEP also take courses on the following topics:

HMS 216  Organization and administration in athletic training
HMS 310  Responding to emergencies
HMS 312  Introduction to the care and prevention of athletic injury
HMS 314  Recognition and evaluation of injury: lower extremity
HMS 315  Recognition and evaluation of injury: upper extremity
HMS 316  Recognition and evaluation of injury: head, neck, and trunk
HMS 336  Principles of strength training
HMS 410  Medical aspects of illness management in athletic training
HMS 413  Therapeutic modalities in athletic training
HMS 414  Therapeutic exercise and rehabilitation
HMS 416  Competencies in athletic training (hands on evaluation of clinical skills)

CLINICAL EDUCATION
Once admitted to the ATEP students are required to complete a clinical education component each semester for five sequential semesters. Students are assigned to an approved clinical instructor (ACI) either at UWM, or other sites in the community, and commit an average of 12 hours per week to clinical education. The clinical education takes place in the HMS 416 Competencies in Athletic Training course. Students must successfully earn a grade of B- or better in HMS 416 for five sequential semesters. Educational competencies and clinical proficiencies are evaluated each semester according to information presented in the concurrent academic courses.

More information on application materials, selection criteria, technical standards for admission, and academic requirements can be found on the ATEP website:

www.atep.uwm.edu