ATHLETIC TRAINING, B.S.

REQUIREMENTS

UNIVERSITY GENERAL EDUCATION REQUIREMENTS

All undergraduate students at the University of Wisconsin–Madison are required to fulfill a minimum set of common university general education requirements to ensure that every graduate acquires the essential core of an undergraduate education. This core establishes a foundation for living a productive life, being a citizen of the world, appreciating aesthetic values, and engaging in lifelong learning in a continually changing world. Various schools and colleges will have requirements in addition to the requirements listed below. Consult your advisor for assistance, as needed. For additional information, see the university Undergraduate General Education Requirements (http://guide.wisc.edu/undergraduate/education/#requirementsforundergraduatestudytext) section of the Guide.

General Education

- Breadth—Humanities/Literature/Arts: 6 credits
- Breadth—Natural Science: 4 to 6 credits, consisting of one 4- or 5-credit course with a laboratory component; or two courses providing a total of 6 credits
- Breadth—Social Studies: 3 credits
- Communication Part A & Part B *
- Ethnic Studies *
- Quantitative Reasoning Part A & Part B *

* The mortarboard symbol appears before the title of any course that fulfills one of the Communication Part A or Part B, Ethnic Studies, or Quantitative Reasoning Part A or Part B requirements.

SCHOOL OF EDUCATION LIBERAL STUDIES REQUIREMENTS

All students are required to complete a minimum of 40 credits of Liberal Studies (http://guide.wisc.edu/undergraduate/education/#requirementsforundergraduatestudytext) coursework. This requirement provides an opportunity to do some academic exploration beyond the scope of the major. Students take courses in areas of particular interest and also have an opportunity to sample the wide selection of courses offered across the university. Coursework is required in humanities, social studies, science, and cultural and historical studies. Some elective coursework is also needed to reach the required number of credits.

The School of Education’s Liberal Studies Requirements automatically satisfy most of the University General Education Requirements outlined above, including ethnic studies, humanities/literature, social studies, and science. Students pursuing most School of Education degree programs may also complete Communication Part B, Quantitative Reasoning Part A, and Quantitative Reasoning Part B through courses required by their degree program. If a student cannot complete a General Education Requirement within the curriculum of their chosen School of Education program, academic advisors can offer suggestions for courses that meet the requirement and augment the student’s primary area of study.

A basic outline of the liberal studies is included below. Students must consult the detailed version of the requirements (http://guide.wisc.edu/undergraduate/education/#requirementsforundergraduatestudytext) for information about course selection and approved course options.

Humanities, 9 credits
All students must complete a minimum of 9 credits to include:

- Literature
- Fine Arts
- Humanities Electives

Social Studies (Social Science)
All students must complete a minimum of 9 credits. Teacher certification programs and Kinesiology: Exercise and Movement Science have unique requirements in this category.

Science
All students must complete a minimum of 9 credits to include:

- Biological Science
- Physical Science
- Laboratory Science
- Science Electives

Cultural and Historical Studies
All students must complete three requirements (9 credits) met by separate courses. Any of these courses can also be used to meet the Humanities or Social Studies (Social Sciences) requirements if it has the relevant breadth designation.

- Ethnic Studies
- U.S./European History
- Global Perspectives

Complete Liberal Studies Electives (http://guide.wisc.edu/undergraduate/education/#requirementsforundergraduatestudytext) to total 40 Credits.

PROGRAM STRUCTURE

The Athletic Training program has five components:

- Liberal studies courses expose students to a broad range of academic disciplines. The university-wide General Education requirements also encourage this breadth of study.
- Science core coursework offers in-depth study of the basic sciences and mathematics.
- Kinesiology core courses look at how the body responds and adapts to exercise, the role of psychological factors in sports and exercise, mechanics applied to biological systems, and how movement is controlled, learned, and developed over the life span.
- Advanced coursework in Athletic Training that focuses on evidence-guided practice and patient-centered care in the prevention, management, and rehabilitation of injuries and illnesses.
- Elective classes that are generally related to the student’s area of study.

SCIENCE CORE

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
<td>5-10</td>
</tr>
<tr>
<td>&amp; CHEM 104</td>
<td>and General Chemistry II</td>
<td></td>
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</table>
KINESIOLOGY CORE

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINES 119</td>
<td>Introduction to Kinesiology ¹</td>
<td>2</td>
</tr>
<tr>
<td>KINES 227</td>
<td>Introduction to Clinical Anatomy of Human Movement</td>
<td>2</td>
</tr>
<tr>
<td>KINES 314</td>
<td>Physiology of Exercise</td>
<td>4</td>
</tr>
<tr>
<td>KINES 318</td>
<td>Biomechanics of Human Movement</td>
<td>3</td>
</tr>
<tr>
<td>KINES 330</td>
<td>Research in Kinesiology</td>
<td>2</td>
</tr>
<tr>
<td>KINES 350</td>
<td>Introduction to Exercise Psychology ¹</td>
<td>3</td>
</tr>
<tr>
<td>KINES 361</td>
<td>Motor Learning and Performance</td>
<td>3</td>
</tr>
<tr>
<td>KINES 116</td>
<td>First Aid and Basic Life Support ¹, ²</td>
<td>2</td>
</tr>
</tbody>
</table>

¹ Effective fall 2017, ANATOMY/KINES 328 and 329 were replaced by KINES 337 and 338. These courses were subsequently moved to a new department as ANAT&PHY 337 Human Anatomy and ANAT&PHY 338 Human Anatomy Laboratory.

² KINES 116 First Aid and Basic Life Support, KINES 119 Introduction to Kinesiology and KINES 350 Introduction to Exercise Psychology can be taken prior to program admission.

ATHLETIC TRAINING CORE

Students with an interest in Athletic Training should enroll in KINES 127 Introduction to Athletic Healthcare, KINES 197 Techniques in Athletic Training and KINES 227 Introduction to Clinical Anatomy of Human Movement. First-year students are eligible and encouraged to take KINES 127 Introduction to Athletic Healthcare and KINES 197 Techniques in Athletic Training. Enrollment in KINES 227 Introduction to Clinical Anatomy of Human Movement requires completion of, or concurrent enrollment in KINES 127 Introduction to Athletic Healthcare, or consent of the instructor. These three introductory courses are the only athletic training courses that may be taken prior to program admission.

KINES 301 Advanced Techniques in Athletic Training. KINES 317 Evaluation and Diagnosis of Orthopedic Conditions, KINES 357 Therapeutic Strategies in Athletic Training I, KINES 358 Therapeutic Strategies in Athletic Training II and KINES 450 Clinical Field Experience in Athletic Training provide required clinical field experiences in athletic training settings.

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINES 127</td>
<td>Introduction to Athletic Healthcare</td>
<td>2</td>
</tr>
<tr>
<td>KINES 197</td>
<td>Techniques in Athletic Training</td>
<td>1</td>
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<tr>
<td>KINES 301</td>
<td>Advanced Techniques in Athletic Training</td>
<td>2</td>
</tr>
<tr>
<td>KINES 317</td>
<td>Evaluation and Diagnosis of Orthopedic Conditions</td>
<td>4</td>
</tr>
<tr>
<td>KINES 357</td>
<td>Therapeutic Strategies in Athletic Training I</td>
<td>4</td>
</tr>
<tr>
<td>KINES 358</td>
<td>Therapeutic Strategies in Athletic Training II</td>
<td>4</td>
</tr>
<tr>
<td>KINES 400</td>
<td>Organization and Administration of Athletic Training Programs</td>
<td>3</td>
</tr>
<tr>
<td>KINES 417</td>
<td>Advanced Clinical Assessment Techniques in Athletic Training</td>
<td>2</td>
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<tr>
<td>KINES 450</td>
<td>Clinical Field Experience in Athletic Training (take twice for a total of 6 credits)</td>
<td>3</td>
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<tr>
<td>KINES 457</td>
<td>Medical Problems of Exercise and Sports</td>
<td>3</td>
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<tr>
<td>KINES 475</td>
<td>Seminar in Athletic Training (take twice for a total of 2 credits)</td>
<td>1</td>
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<tr>
<td>NUTR SCI 332 or KINES/ NUTR SCI 525</td>
<td>Human Nutritional Needs Nutrition in Physical Activity and Health</td>
<td>3</td>
</tr>
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PHM SCI 401

3
ADDITIONAL ELECTIVES
Select additional electives as necessary to bring credit total to 120.

TECHNICAL STANDARDS—ATHLETIC TRAINING PROGRAM
The Athletic Training Program at the University of Wisconsin—Madison is a rigorous and intense program that places specific requirements and demands on the students enrolled in the program. An objective of this program is to prepare graduates to enter a variety of employment settings and to render care to a wide spectrum of individuals engaged in physical activity. The technical standards set forth by the Athletic Training Program establish the essential qualities considered necessary for students admitted to this program to achieve the knowledge, skills, and competencies of an entry-level athletic trainer, as well as meet the expectations of the program’s accrediting agency (Commission on Accreditation of Athletic Training Education).

Details of Required Technical Standards
Compliance with the program’s technical standards does not guarantee a student’s eligibility for the Board of Certification exam. A candidate for the Athletic Training Program at the University of Wisconsin-Madison must have abilities and skills in five categories: observation, communication, motor, intellectual, and behavioral/social. Reasonable accommodation for persons with documented disabilities will be considered on an individual basis, but a candidate must be able to perform in an independent manner. The following skills are required, with or without accommodation.

Observation: Candidates must have sufficient sensory capacity to observe in the lecture hall, the laboratory, the outpatient clinical setting, and in direct patient interaction. Sensory skills adequate to perform a physical examination are required. Functional vision, hearing and tactile sensation must be adequate to observe a patient’s condition and to elicit information through procedures regularly required in a physical examination, such as inspection, palpation, and special tests.

Communication: Candidates must be able to communicate effectively in both academic and health care settings. Candidates must show evidence of effective written and verbal communication skills. Students for whom English is a second language must have a facility in English adequate for university work. Results of the ESL assessment test may require students to take one or more English courses in English as a second language.

Motor: The ability to participate in basic diagnostic and therapeutic maneuvers and procedures (e.g. palpation, auscultation) is required. Candidates must have sufficient motor function to execute movements reasonably required to provide care to patients. Candidates must be able to negotiate patient care environments and must be able to move between settings, such as classroom building and clinical setting. Physical stamina sufficient to complete the rigorous course of didactic and clinical study is required. Long periods of sitting, standing, or moving are required in classroom, laboratory, and clinical experiences.

Intellectual: Candidates must be able to measure, calculate, reason, analyze and synthesize. Problem solving, one of the critical skills demanded of athletic trainers, requires all of these intellectual abilities. In addition, candidates should be able to comprehend three-dimensional relationships and understand the spatial relationships of structures. Candidates must be able to read and understand allied health and medical literature. In order to complete the Athletic Training Program, candidates must be able to demonstrate mastery of these skills and the ability to use them together in a timely fashion in problem-solving and patient care.

Behavioral and social attributes: Candidates must possess the emotional health required for full utilization of their intellectual abilities, the exercise of good judgment, and the prompt completion of all academic and patient care responsibilities. The development of mature, sensitive and effective relationships with patients and other members of the health care team are essential. The ability to function in the face of uncertainties inherent in clinical practice, flexibility, compassion, integrity, motivation, interpersonal skills, and concern for others are all required.

Students who feel they are in compliance with the above standards must fill out the Technical Standards Signature Form and submit it with their application materials.

Students who feel they are not in compliance with the above standards are encouraged to seek evaluation and assistance from the McBurney Disability Resource Center.

McBurney Disability Resource Center
702 West Johnson Street, Suite 2104
Madison, WI 53715
phone: 608-263-2741
text: 608-225-7956
mcburney@studentlife.wisc.edu

The UW–Madison Athletic Training Program complies with all federal and state laws and university policies including Affirmative Action and Equal Opportunity (http://www.wisc.edu/policies/aaeo/).

CONTINUATION REQUIREMENT:
DEPARTMENT OF KINESIOLOGY
All students admitted to undergraduate programs in the Department of Kinesiology, including Physical Education, must maintain a cumulative grade point average (GPA) of at least 2.75, based on all UW–Madison campus coursework. Consult the School of Education’s Academic Policies and Procedures (http://guide.wisc.edu/undergraduate/education/#policiesandregulationstext) for additional information about the continuation requirement.

GPA AND OTHER GRADUATION REQUIREMENTS
GRADUATION REQUIREMENTS
Based on UW-Madison coursework.

- Must earn a minimum 2.75 cumulative grade point average. Graduation GPA may be modified by the Last 60 Credits Rule (http://guide.wisc.edu/undergraduate/education/#policiesandregulationstext).
• Major residency: Students must complete a minimum of 15 credits from the Department of Kinesiology while enrolled on the UW–Madison campus.
• Senior residency: Degree candidates must complete their last 30 credits in residence on the UW–Madison campus, excluding retroactive credits and credits granted by examination.
• Must complete a minimum of 120 credits.

DEGREE AUDIT (DARS)

UW–Madison uses “DARS” to document a student’s progress toward the completion of their degree, including any additional majors and certificates. A DARS (Degree Audit Reporting System) report shows all the requirements for completing a degree and, against courses that are planned or completed, shows the requirements that have been met, and those that are unmet. A report can offer suggestions about courses that may be taken to meet specific requirements and can assist in the academic planning and enrollment process. Students can access a DARS report in the Course Search & Enroll app or Student Center via My UW.

DARS also has a "what-if" function. This feature makes it possible to request a DARS report as if pursuing another program, major or certificate. It is an excellent tool if considering a new or additional area of study. School of Education students in a pre-professional classification such as Pre-Elementary (PRE), or Pre-Kinesiology should request a "what if" DARS report of their professional program of interest.

More information on how to request a DARS report is available on the registrar’s website (https://registrar.wisc.edu/dars-student/).

DARS is not intended to replace student contact with academic advisers. It creates more time in an advising appointment to discuss course options, research opportunities, graduate school, or issues of personal interest or concern to students.

DARS is used as the document of record for degree program, major and certificate completion in the School of Education.

UNIVERSITY DEGREE REQUIREMENTS

Total Degree
To receive a bachelor's degree from UW–Madison, students must earn a minimum of 120 degree credits. The requirements for some programs may exceed 120 degree credits. Students should consult with their college or department advisor for information on specific credit requirements.

Residency
Degree candidates are required to earn a minimum of 30 credits in residence at UW–Madison. "In residence" means on the UW–Madison campus with an undergraduate degree classification. "In residence" credit also includes UW–Madison courses offered in distance or online formats and credits earned in UW–Madison Study Abroad/Study Away programs.

Quality of Work
Undergraduate students must maintain the minimum grade point average specified by the school, college, or academic program to remain in good academic standing. Students whose academic performance drops below these minimum thresholds will be placed on academic probation.