

ATHLETIC TRAINING (ATRAIN)

Athletic Training Courses

ATRAIN 211 First Aid and Cardiopulmonary Resuscitation

1 cr. Undergraduate.

CPR for adults, children, and infants; AED; and First Aid.

Prerequisites: none.

Course Rules: Previously KIN 211.

Last Taught: UWinterIM 2014, Spring 2009, Fall 2008, Summer 2008.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 212 Fieldwork in Athletic Training

1 cr. Undergraduate.

On-site observation of the athletic training profession. Students will rotate through different on-campus sites.

Prerequisites: none.

Course Rules: Previously KIN 212.

Last Taught: Spring 2025, Fall 2024, Spring 2024, Fall 2023.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 296 Undergraduate Research

1-3 cr. Undergraduate.

Undergraduate research under the direction of Faculty in the Athletic Training Program.

Prerequisites: consent of instructor.

Course Rules: Repeatable to 6 cr max.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 310 Responding to Emergencies

1 cr. Undergraduate.

Focus on the development of skills necessary for planning for and reacting to medical emergency situations.

Prerequisites: none.

Course Rules: Credit/No Credit only. Previously KIN 310.

Last Taught: Fall 2014, Fall 2013, Fall 2012, Fall 2011.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 311 CPR/AED Recertification

1 cr. Undergraduate.

CPR/AED recertification and review of basic First Aid.

Prerequisites: proof of current CPR certification needed on the first day of class.

Course Rules: Previously KIN 311.

Last Taught: Spring 1990, Spring 1989, Fall 1987, Fall 1986.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 312 Introduction to Prevention, Recognition, and Treatment of Athletic Injuries

3 cr. Undergraduate.

Introduction to athletic training principles and techniques necessary for the prevention, recognition, care, and rehabilitation of athletic injuries.

Prerequisites: none.

Course Rules: Previously KIN 312.

Last Taught: Spring 2025, Spring 2015, Spring 2014, Spring 2013.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 412 Foundations of Injury Prevention & Performance

3 cr. Undergraduate.

The foundational knowledge, skills, and science that inform injury prevention, rehabilitation, and performance in sport and physical activity.

Prerequisites: BIO SCI 202(P) or KIN 220(P); or consent of instructor.

Course Rules: Previously KIN 412.

Last Taught: Fall 2016, Fall 2015, Fall 2014, Fall 2013.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 599 Independent Study I

1-6 cr. Undergraduate/Graduate.

Advanced undergraduate or beginning graduate independent study in Athletic Training.

Prerequisites: junior standing or graduate standing, and consent of instructor.

Course Rules: Repeatable to 9 cr max.

Last Taught: Spring 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 599G Independent Study I

1-6 cr. Undergraduate/Graduate.

Advanced undergraduate or beginning graduate independent study in Athletic Training.

Prerequisites: junior standing or graduate standing, and consent of instructor.

Course Rules: Repeatable to 9 cr max.

Last Taught: Spring 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 701 Athletic Training Foundational Skills

1 cr. Graduate.

Use and application of taping, wrapping, bracing, and splinting procedures for the prevention and treatment of musculoskeletal injuries.

Prerequisites: graduate standing and MSAT student in good standing; or consent of instructor.

Course Rules: Previously PRPP 701.

Last Taught: Summer 2025, Summer 2024, Summer 2023, Summer 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 702 Ethics in Healthcare

1 cr. Graduate.

Ethical theory and morality with application to healthcare professions.

Prerequisites: graduate standing and MSAT student in good standing; or consent of instructor.

Course Rules: Previously PRPP 702.

Last Taught: Fall 2022, Fall 2021, Fall 2020, Fall 2019.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 703 Foundations of Interprofessional Practice

1 cr. Graduate.

Introductory knowledge of interprofessional teamwork of health care professionals within the health care system.

Prerequisites: graduate standing; good standing in MSAT or DPT program; or consent of instructor.

Course Rules: Previously PRPP 703. ATRAIN 703 and PT 760 are jointly offered and count as repeats of one another.

Last Taught: Fall 2023, Fall 2022, Fall 2021, Fall 2020.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 704 Professionalism and Leadership in Healthcare

1 cr. Graduate.

Advanced application of professionalism and leadership skills and behaviors with a focus on transition to independent practice.

Prerequisites: graduate standing and MSAT student in good standing; or consent of instructor.

Course Rules: Previously PRPP 704.

Last Taught: Fall 2023, Fall 2022, Fall 2021, Fall 2020.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 705 Athletic Training Practice Based Research I

2 cr. Graduate.

Research methodology course with emphasis on the use of clinical research to determine best practice.

Prerequisites: good standing in MSAT program; or consent of instructor.

Course Rules: Previously PRPP 705.

Last Taught: Summer 2025, Spring 2024, Spring 2023, Spring 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 706 Athletic Training Practice Based Research II

1 cr. Graduate.

Applications of case based and point-of-care research in athletic training.

Prerequisites: graduate standing and good standing in MSAT; or consent of instructor.

Course Rules: Repeatable to 2 cr max.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 708 Clinical Gait Analysis

2 cr. Graduate.

Instrumented and observational gait analysis techniques and discussion of the theoretical background of normal and abnormal gait with application to clinical examples.

Prerequisites: graduate standing; good standing in MSAT or DPT program; or consent of instructor.

Course Rules: Previously PRPP 708.

Last Taught: Summer 2023, Summer 2022, Summer 2021, Summer 2020.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 710 Prevention & Care of Emergent Medical Conditions in Athletic Training

4 cr. Graduate.

Introduction to athletic training knowledge and skills to prevent and manage medical emergencies.

Prerequisites: graduate standing; good standing in MSAT or DPT program; or consent of instructor.

Course Rules: Previously PRPP 710.

Last Taught: Summer 2025, Summer 2024, Summer 2023, Summer 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 723 Physiological Regulation in Exertion & Disease

3 cr. Graduate.

Overview of the physiological basis of activity.

Prerequisites: graduate student or good standing in MSAT or DPT program or consent of instructor.

Course Rules: ATRRAIN 723 and PT 723 are jointly offered and count as repeats of one another. Previously PRPP 736.

Last Taught: Fall 2024, Fall 2023, Fall 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 725 Gross Anatomical Kinesiology

3-4 cr. Graduate.

Anatomical analysis of human body function, including cadaver dissection.

Prerequisites: graduate standing; good standing in the MSOT, MSAT, or MS Kinesiology program; or consent of instructor.

Course Rules: Previously PRPP 725.

Last Taught: Summer 2025, Fall 2024, Summer 2024, Fall 2023.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 726 Pathoetiology of Musculoskeletal Injury

1 cr. Graduate.

Examination of tissue structure, biomechanics, injury, pathology and healing.

Prerequisites: good standing in DPT or MSAT program; or graduate student status and consent of instructor.

Course Rules: Counts as repeat of KIN 590 with similar title. Previously ATRRAIN 521 and PRPP 521.

Last Taught: Fall 2024, Summer 2023, Summer 2022, Fall 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 744 Organizational Competencies in Athletic Training

3 cr. Graduate.

Practice of management skills in athletic training consistent with practice in the U.S. health care system and current practice environments.

Prerequisites: graduate standing and MSAT student in good standing; or consent of instructor.

Course Rules: Previously PRPP 744.

Last Taught: Summer 2025, Summer 2024, Spring 2024, Spring 2023.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 745 Administrative Management in Athletic Training

2 cr. Graduate.

Leadership and management topics in athletic training.

Prerequisites: graduate standing and good standing in MSAT program.

Last Taught: Fall 2024.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 747 Clinical Exam and Diagnosis of the Lower Extremity in Athletic Training

3 cr. Graduate.

Knowledge and skills to examine, treat, prevent, and rehabilitate activity-related injuries and pathologies of the lower extremity.

Prerequisites: graduate standing; good standing in MSAT program; or consent of instructor.

Course Rules: Previously PRPP 747.

Last Taught: Summer 2025, Summer 2024, Fall 2023, Fall 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRRAIN 748 Clinical Exam and Diagnosis of the Head and Spine in Athletic Training

3 cr. Graduate.

Knowledge and skills to examine, treat, prevent, and rehabilitate activity-related injuries and pathologies of the head, spine and pelvis.

Prerequisites: graduate standing; good standing in MSAT program; or consent of instructor.

Course Rules: Previously PRPP 748.

Last Taught: Spring 2025, Spring 2024, Spring 2023, Spring 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 749 Clinical Exam and Diagnosis of Upper Extremity in Athletic Training

3 cr. Graduate.

Knowledge and skills to examine, treat, prevent, and rehabilitate activity-related injury and pathology of the upper extremity.

Prerequisites: graduate standing; good standing in MSAT program; or consent of instructor.

Course Rules: Previously PRPP 749.

Last Taught: Fall 2024, Summer 2024, Summer 2023, Summer 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 753 Medical Physiology II

3 cr. Graduate.

Pathologies and pharmacologic agents related to rehabilitation in physical therapy practice and/or athletic training setting.

Prerequisites: graduate standing; good standing in MSAT or DPT program; or consent of instructor.

Course Rules: Previously PRPP 753. ATRAIN 753 and PT 722 are jointly offered and count as repeats of one another.

Last Taught: Spring 2025, Spring 2024, Spring 2023, Spring 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 754 Clinical Exam and Diagnosis of Medical Conditions in Athletic Training

1 cr. Graduate.

Knowledge and skills to examine, treat, and refer general medical conditions common in physically active individuals.

Prerequisites: graduate standing; good standing in MSAT program; or consent of instructor.

Last Taught: Spring 2025, Spring 2024, Spring 2023.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 757 Foundations of Therapeutic Interventions in Athletic Training

3 cr. Graduate.

Knowledge, skill and science of injury prevention, rehabilitation, and performance in sport and physical activity; focused on the lower extremity.

Prerequisites: graduate standing; good standing in MSAT or DPT program; or consent of instructor.

Course Rules: Previously PRPP 757.

Last Taught: Fall 2024, Fall 2023, Fall 2022, Fall 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 758 Physical Agents

2 cr. Graduate.

The physiological basis, scientific rationale for, and clinical application of thermal, electrophysiology/electrotherapy and electromagnetic physical agents.

Prerequisites: graduate standing; good standing in MSAT or DPT program; or consent of instructor.

Course Rules: Previously PRPP 758. ATRAIN 758 and PT 704 are jointly offered and count as repeats of one another.

Last Taught: Spring 2025, Spring 2024, Spring 2023, Spring 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 759 Advanced Therapeutic Interventions

3 cr. Graduate.

Knowledge, skill and science of injury prevention, rehabilitation, and performance in sport and physical activity; focused on the upper extremity along with advanced rehabilitation techniques.

Prerequisites: graduate standing and good standing in MSAT; or consent of instructor.

Course Rules: Previously PRPP 759.

Last Taught: Summer 2025, Summer 2024, Summer 2023, Summer 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 785 Clinical Education in Athletic Training: I

1 cr. Graduate.

Introductory field practicum experience with an emphasis on application of clinical skills and behaviors related to prevention and care of emergent medical conditions.

Prerequisites: graduate standing; good standing in MSAT program.

Course Rules: Previously PRPP 785.

Last Taught: Summer 2025, Summer 2024, Summer 2023, Summer 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 786 Clinical Education in Athletic Training: II

2 cr. Graduate.

Intermediate field practicum experience with an emphasis on application of clinical skills and behaviors related to examination and treatment of injury and pathology of the lower extremity.

Prerequisites: graduate standing; good standing in MSAT program.

Course Rules: Previously PRPP 786.

Last Taught: Fall 2024, Fall 2023, Fall 2022, Fall 2021.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 787 Clinical Education in Athletic Training: III

2 cr. Graduate.

Intermediate field practicum experience with an emphasis on application of clinical skills and behaviors related to examination and treatment of injury and pathology of the head, spine, and pelvis.

Prerequisites: graduate standing; good standing in MSAT program.

Course Rules: Previously PRPP 787.

Last Taught: Spring 2025, Spring 2024, Spring 2023, Spring 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 788 Clinical Education in Athletic Training: IV

2 cr. Graduate.

Advanced field practicum experience with an emphasis on application of clinical skills and behaviors related to examination and treatment of musculoskeletal injuries to the upper extremity.

Prerequisites: graduate standing and good standing in MSAT program.

Course Rules: Previously PRPP 788.

Last Taught: Summer 2025, Summer 2024, Summer 2023, Summer 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAIN 790 Advanced Topics in Athletic Training

1-3 cr. Graduate.

Specific topic is announced in the Schedule of Classes each semester the course is offered.

Prerequisites: graduate standing; good standing in MSAT program; or consent of instructor.

Course Rules: May be retaken with change in topic to max of 9 cr.

Last Taught: Summer 2022.

Current Offerings: <https://catalog.uwm.edu/course-search/>

ATRAN 799 Independent Study II

1-6 cr. Graduate.

Intermediate level independent study under the direction of Athletic Training faculty.

Prerequisites: graduate standing.**Course Rules:** Repeatable to 9 cr max.**Last Taught:** Spring 2023, Fall 2021.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**ATRAN 800 Athletic Training Board of Certification Exam Preparation**

2 cr. Graduate.

Provides athletic training students with a systematic roadmap for independent preparation for the Board of Certification for the Athletic Trainer Exam (BOC Exam).

Prerequisites: graduate standing and good standing in MSAT program; or special student and consent of instructor.**Last Taught:** Spring 2025, Fall 2023, Fall 2022, Fall 2021.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**ATRAN 883 Capstone Clinical Education in Athletic Training**

6 cr. Graduate.

Capstone field practicum experience with an emphasis on application of clinical skills and behaviors related to athletic training practice.

Prerequisites: graduate standing; good standing in MSAT program.**Course Rules:** Must be taken twice for a total of 12 cr. Previously PRPP 883.**Last Taught:** Spring 2025, Fall 2024, Spring 2024, Fall 2023.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**ATRAN 888 Candidate for Degree**

0 cr. Graduate.

Available for students who have completed all credit requirements and who need to enroll to complete other graduation requirements.

Prerequisites: graduate standing.**Course Rules:** Fee for 1 cr assessed; unit does not count towards credit load for Fin Aid. Repeatable. Satisfactory/Unsatisfactory only.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**ATRAN 890 Research and Thesis**

1-6 cr. Graduate.

Production of a thesis under the supervision of the student's major professor with the consultation of the degree committee.

Prerequisites: graduate standing and consent of instructor.**Course Rules:** Repeatable to 9 cr max.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**ATRAN 895 Capstone**

1-6 cr. Graduate.

Production of a capstone project the supervision of the student's major professor.

Prerequisites: graduate standing and consent of instructor.**Course Rules:** Repeatable to 6 cr max. Satisfactory/Unsatisfactory only.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**ATRAN 900 Teaching, Learning and Educational Leadership in the Health Sciences**

3 cr. Graduate.

Overview of higher education in the health sciences and the responsibilities of the professoriate in fulfilling the missions of research, teaching, and service.

Prerequisites: graduate standing.**Course Rules:** ATRAN 900, OCCTHPY 900, PRPP 900, and PT 900 are jointly offered and count as repeats of one another.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**ATRAN 901 Seminar in Athletic Training**

1-3 cr. Graduate.

Scholarly discussion forum for graduate students, moderated by program faculty.

Prerequisites: graduate standing or consent of instructor.**Course Rules:** Repeatable to 9 cr max.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**ATRAN 909 Guided Teaching Experience in Health Sciences**

3 cr. Graduate.

This course provides the student, under the supervision of a faculty member, with the opportunity to design, deliver, and evaluate an undergraduate course.

Prerequisites: graduate standing, one of the following: ATRAN 900(P), OCCTHPY 900(P), PRPP 900(P), or PT 900(P), and consent of instructor.**Course Rules:** Satisfactory/Unsatisfactory only. ATRAN 909, BMS 909, COMSDIS 909, HCA 909, KIN 909, OCCTHPY 909, PT 909, and PRPP 909 are jointly offered and count as repeats of one another.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**ATRAN 990 Research and Dissertation**

1-12 cr. Graduate.

Production of a dissertation under the supervision of the student's major professor with the consultation of the degree committee.

Prerequisites: graduate standing and consent of instructor.**Course Rules:** Repeatable to 18 cr max. Satisfactory/Unsatisfactory only.**Last Taught:** Spring 2023, Fall 2022, Summer 2022, Spring 2022.**Current Offerings:** <https://catalog.uwm.edu/course-search/>**ATRAN 999 Advanced Independent Study**

1-6 cr. Graduate.

Advanced graduate level independent study.

Prerequisites: graduate standing or consent of instructor.**Course Rules:** Repeatable to 9 cr max.**Current Offerings:** <https://catalog.uwm.edu/course-search/>