

ATHLETIC TRAINING (ATRAIN)

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 521 Pathoetiology of Musculoskeletal Injury

3 cr. Undergraduate/Graduate.

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

Prerequisites: junior standing and grade of C or better in KIN 320(P); or graduate standing; or consent of instructor.

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

Last Taught: Fall 2020, Fall 2019.

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

ATRAIN 521G Pathoetiology of Musculoskeletal Injury

3 cr. Undergraduate/Graduate.

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

Prerequisites: junior standing and grade of C or better in KIN 320(P); or graduate standing; or consent of instructor.

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

Last Taught: Fall 2020, Fall 2019.

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.

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.

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

ATRAIN 701 Introduction to Clinical Education and Professional Development

1 cr. Graduate.

Introduction to clinical education including professionalism, compliance, assessment, and interprofessional education.

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

Course Rules: Previously PRPP 701. ATRAIN 701 and PT 781 are jointly offered and count as repeats of one another.

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

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

Course Rules: Previously PRPP 702. ATRAIN 702 and PT 710 are jointly offered and count as repeats of one another.

Last Taught: Fall 2020, Fall 2019, Fall 2018, Fall 2017.

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 2020, Fall 2019, Fall 2018, Fall 2017.

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

ATRAIN 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; good standing in MSAT or DPT program; or consent of instructor.

Course Rules: Previously PRPP 704. ATRAIN 704 and PT 714 are jointly offered and count as repeats of one another.

Last Taught: Fall 2020, Fall 2019, Fall 2018.

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

ATRAIN 705 Foundations of Clinical Research

2-3 cr. Graduate.

Research methodology and design with an emphasis on clinical research and applications for determining best practice.

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

Course Rules: Previously PRPP 705. ATRAIN 705 and PT 708 are jointly offered and count as repeats of one another.

Last Taught: Spring 2021, Spring 2020, Spring 2019, Spring 2018.

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

ATRAIN 708 Clinical Gait Analysis

3 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 2021, Summer 2020, Summer 2019, Summer 2018.

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

ATRAN 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 2021, Summer 2020, Summer 2019, Summer 2018.

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

ATRAN 725 Gross Anatomical Kinesiology

3 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 2021, Fall 2020, Summer 2020, Fall 2019.

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

ATRAN 744 Healthcare Systems and Administration

3 cr. Graduate.

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

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

Course Rules: Previously PRPP 744. ATRAN 744 and PT 713 are jointly offered and count as repeats of one another.

Last Taught: Spring 2021, Spring 2020, Spring 2019, Spring 2018.

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

ATRAN 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: Fall 2020, Fall 2019, Fall 2018, Fall 2017.

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

ATRAN 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 2021, Spring 2020, Spring 2019, Spring 2018.

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

ATRAN 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: Summer 2021, Summer 2020, Summer 2019, Summer 2018.

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

ATRAN 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. ATRAN 753 and PT 722 are jointly offered and count as repeats of one another.

Last Taught: Spring 2021, Spring 2020, Spring 2019, Spring 2018.

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

ATRAN 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 2020, Fall 2019, Fall 2018, Fall 2017.

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

ATRAN 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. ATRAN 758 and PT 704 are jointly offered and count as repeats of one another.

Last Taught: Spring 2021, Spring 2020, Spring 2019, Spring 2018.

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

ATRAN 759 Therapeutic Interventions for the Upper Extremity

2 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; good standing in MSAT or DPT program; or consent of instructor.

Course Rules: Previously PRPP 759.

Last Taught: Summer 2021, Summer 2020, Summer 2019, Summer 2018.

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

ATRIN 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 2021, Summer 2020, Summer 2019, Summer 2018.

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

ATRIN 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 2020, Fall 2019, Fall 2018, Fall 2017.

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

ATRIN 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 2021, Spring 2020, Spring 2019, Spring 2018.

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

ATRIN 788 Clinical Education in Athletic Training: IV

3 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; good standing in MSAT program.

Course Rules: Previously PRPP 788.

Last Taught: Summer 2021, Summer 2020, Summer 2019, Summer 2018.

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

ATRIN 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.

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

ATRIN 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.

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

ATRIN 800 Athletic Training Board of Certification Exam Preparation

1 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; good standing in MSAT program; or special student and consent of instructor.

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

ATRIN 883 Capstone Clinical Education in Athletic Training

4-8 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 2021, Fall 2020, Spring 2020, Fall 2019.

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

ATRIN 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/>

ATRIN 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/>

ATRIN 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/>

ATRIN 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: ATRIN 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/>

ATRIN 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/>

ATRRAIN 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: ATRAIN 900(P), OCCTHPY 900(P), PRPP 900(P), or PT 900(P), and consent of instructor.

Course Rules: Satisfactory/Unsatisfactory only. ATRAIN 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/>

ATRRAIN 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.

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

ATRRAIN 999 Advanced Independent Study

1-6 cr. Graduate.

Advanced graduate level independent study.

Prerequisites: graduate standing or consent of instructor.

Course Rules: Retakable to 9 cr max.

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