ATHLETIC TRAINING (AT)

Course numbers with the # symbol included (e.g. #400) have not been taught in the last 3 years.

AT 506 - Concepts of Athletic Training
Credits: 4
Introduces techniques for prevention, recognition, treatment, and rehabilitation of common athletic injuries. Course is a prerequisite for beginning clinical experience in athletic training rooms for the athletic training professional. Prereq: BMS 507.
Co-requisite: AT 507
Equivalent(s): KIN 506

AT 507 - Concepts of Athletic Training Lab
Credits: 1
Theory and techniques of protective taping and wrapping to prevent common athletic injuries. Techniques of transfer and transportation of injured athletes. Identification of anatomical landmarks. Observation and practice in the University athletic training rooms. Special fee.
Co-requisite: AT 506
Equivalent(s): KIN 507

AT 506 - Therapeutic Exercise in Athletic Training
Credits: 4
Co-requisite: AT 661
Equivalent(s): KIN 660

AT 658 - Evaluation and Care of Athletic Training Injury I
Credits: 4
Co-requisite: AT 658L
Attributes: Writing Intensive Course
Equivalent(s): KIN 658

AT 658L - Evaluation and Care of Athletic Training I Lab
Credits: 1
Techniques and practice for performing test and assessment procedures for athletic injuries. Prereq: AT 507.
Co-requisite: AT 658
Equivalent(s): KIN 658L

AT 659 - Evaluation and Care of Athletic Training II
Credits: 4
Co-requisite: AT 659L
Attributes: Writing Intensive Course
Equivalent(s): KIN 659

AT 659L - Evaluation and Care of Athletic Training II Lab
Credits: 1
Techniques and practice for performing test and assessment procedures for athletic injuries. Prereq: AT 507.
Co-requisite: AT 659
Equivalent(s): KIN 659L

AT 655 - Laboratory Practicum in Athletic Training
Credits: 2
Clinical experience in athletic training under the supervision of UNH approved clinical instructor. Special fees (sections A-E). 2 credits (per section - 5 sections total). AT 665A Prereq: AT 506 and AT 507. AT 665B Prereq: AT 658, and AT 662. AT 665C Prereq: AT 659 and AT 660. AT 665D Co- or Prereq: AT 710. AT 665E Prereq: AT 665D.
Repeat Rule: May be repeated for a maximum of 10 credits.
Equivalent(s): KIN 665

AT 657 - Pharmacology for Athletic Training
Credits: 2
Introduces the use of drugs as they pertain to the health care of athletes and their effect on athletic competition. Topics to be covered will include basic drug action, commonly prescribed medications, dealing with the diabetic and asthmatic athlete and performance enhancing substances. Prereq: junior or senior Standing.
Equivalent(s): KIN 667

AT 658 - Ergogenic Aids in Sports
Credits: 2
In sports, faster, higher, stronger, longer, and better is what everyone wants. Athletes and coaches seek out sports ergogenics that will give them a training and performance advantage over their competition. This course introduces the use of sports ergogenics and their use in athletic competition. Prereq: sophomore, junior or senior Standing.
Equivalent(s): KIN 668

AT 660 - Therapeutic Exercise in Athletic Training
Credits: 4
Co-requisite: AT 661
Equivalent(s): KIN 660

AT 661 - Therapeutic Exercise in Athletic Training Lab
Credits: 1
Students learn and practice psychomotor techniques associated with rehabilitative and conditioning exercise.
Co-requisite: AT 660
Equivalent(s): KIN 660

AT 662 - Therapeutic Modalities in Athletic Training
Credits: 4
Rationale, use, and application of therapeutic modalities in athletic injury rehabilitation. Principles of electrophysics and biophysics. Physiological effects on body tissues, indications and contraindications, and clinical applications. Prereq: AT 506; AT 507.
Co-requisite: AT 662
Equivalent(s): KIN 663

AT 663 - Therapeutic Modalities in Athletic Training Lab
Credits: 1
Students use and practice with the devices, machines, and techniques associated with the treatment and rehabilitation of athletic injuries.
Co-requisite: AT 662
Equivalent(s): KIN 663

AT 665 - Laboratory Practicum in Athletic Training
Credits: 2
Clinical experience in athletic training under the supervision of UNH approved clinical instructor. Special fees (sections A-E). 2 credits (per section - 5 sections total). AT 665A Prereq: AT 506 and AT 507. AT 665B Prereq: AT 658, and AT 662. AT 665C Prereq: AT 659 and AT 660. AT 665D Co- or Prereq: AT 710. AT 665E Prereq: AT 665D.
Repeat Rule: May be repeated for a maximum of 10 credits.
Equivalent(s): KIN 665

AT 667 - Pharmacology for Athletic Training
Credits: 2
Introduces the use of drugs as they pertain to the health care of athletes and their effect on athletic competition. Topics to be covered will include basic drug action, commonly prescribed medications, dealing with the diabetic and asthmatic athlete and performance enhancing substances. Prereq: junior or senior Standing.
Equivalent(s): KIN 667

AT 668 - Ergogenic Aids in Sports
Credits: 2
In sports, faster, higher, stronger, longer, and better is what everyone wants. Athletes and coaches seek out sports ergogenics that will give them a training and performance advantage over their competition. This course introduces the use of sports ergogenics and their use in athletic competition. Prereq: sophomore, junior or senior Standing.
Equivalent(s): KIN 668
AT 670 - General Medical Conditions in Athletics  
Credits: 4  
Athletes often sustain non-orthopedic pathologic conditions. An athletic trainer must be able to recognize, assess, and determine appropriate action or referral in an athlete suffering general or systemic illness or disease. Covers conditions affecting the major systems of the body. Prereq: EXSC 620.  
Equivalent(s): KIN 670

AT 693 - Teaching Assistantship  
Credits: 2  
Students serve as teaching assistants in assigned class activities. Assignments to be made by the class instructor may include teaching assistants' and administrative duties. May take two different sections. Cr/F.  
Repeat Rule: May be repeated for a maximum of 4 credits.

AT 696 - Independent Study  
Credits: 2-4  
An advanced, individual scholarly project under the direct supervision of a faculty member. Prereq: junior or senior.  
Repeat Rule: May be repeated for a maximum of 8 credits.

AT 696W - Independent Study  
Credits: 2-4  
An advanced, writing-intensive, individual scholarly project under the direct supervision of a faculty member. Student and Faculty Adviser will prepare a written proposal that outlines: the questions to be pursued, the methods of investigation, the student's qualifications to conduct the research, the nature of the finished written product (e.g. case study, position paper, extended lab report). This proposal must be approved by the major faculty and the department chair prior to the student's registration for AT 696 WI. All AT 696 WI projects must include: Some forms of informal, ungraded writing such as a journal, reading summaries, draft chapters, or invention activities. Regular writing interaction between student and faculty adviser (i.e. at least weekly or biweekly), to include written feedback from the adviser. A finished product that is polished via revision. Faculty sponsors and students should consult the resources and guidelines of the UNH Writing Program. Prereq: junior or senior; departmental approval.  
Attributes: Writing Intensive Course  
Repeat Rule: May be repeated for a maximum of 8 credits.

AT 699H - Honors Project  
Credits: 4  
Project first involves tutorial sessions to introduce the student to the experimental design, after which a research question is developed. After an appropriate literature review, the student collects and analyzes data, forms conclusions, and prepares a written report on the findings.  
Attributes: Honors course

AT 710 - Organization and Administration of Athletic Training Programs  
Credits: 4  
Principles of organization and administration of athletic training programs; management of personnel; legal aspects; relation of athletic trainer to athletic programs and sports medicine team.  
Attributes: Writing Intensive Course  
Equivalent(s): KIN 710

AT 718 - Career Preparation in Athletic Training  
Credits: 4  
The last Athletic Training required course, and designated "Capstone Experience", this course is designed to provide the students with means to integrate and augment concepts, skills, and knowledge gained in all previous major course requirements. Students write an evidenced-based practice paper understanding and appreciating the role of evidence-based medicine in athletic training. Comprehensive practical exam. Prereq: AT 665, sections A-D. Athletic Training majors only.  
Equivalent(s): KIN 718