ATHLETIC TRAINING

www.northeastern.edu/bouve/programs/athltraining.html

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The five-year athletic training education program is designed for students who are interested in an allied health-care profession specializing in the health care of active patients. Working under a physician’s supervision, athletic trainers are members of the sports medicine field who specialize in the prevention, examination and diagnosis, management, treatment, and rehabilitation of injuries and illnesses. Athletic trainers function as integral members of the health-care team in secondary schools, colleges and universities, professional sports programs, sports medicine clinics, hospitals, corporate and industrial settings, and other health-care facilities.

Students may apply from high school or apply for transfer into the athletic training education program after successfully completing their first year of academic study. To be accepted into the program, transfer applicants must demonstrate an established academic record with a solid foundation in the sciences. In addition, the athletic training education program has minimum physical, emotional, and cognitive skill requirements considered necessary for all students admitted to the program. These requirements are outlined in the Technical Standards that can be found on the program Web site and from the program office. Candidates for selection to the athletic training education program will be required to verify they understand and meet these Technical Standards or that they believe, with certain accommodations, they can meet the standards. It is the sole responsibility of the student to notify the Disability Resource Center if they feel accommodations are needed.

Students in the program take courses designed to develop competencies in the following domains: risk management and injury prevention, pathology of injuries and illnesses, orthopedic clinical examination and diagnosis, acute care of injury and illness, pharmacology, therapeutic modalities, conditioning and rehabilitative exercise, medical conditions and disabilities, nutritional aspects of injury and illness, psychosocial intervention and referral, health-care administration, and professional development and responsibilities. The athletic training education program is committed to the advancement of scholarship by implementing evidence-based practice into didactic, clinical, and cooperative education. In addition, students are required to fulfill clinical education requirements in four structured clinical affiliations during academic semesters. These affiliations may include Northeastern University, other colleges, universities, and high schools as well as clinics and medical facilities in the Boston area. To progress in the program, students must maintain acceptable standards of scholarship, academic performance, and psychomotor development as outlined in this catalog and the student handbook.

The program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). Students who graduate from the athletic training education program are eligible to sit for the Board of Certification examination for athletic trainers and may be eligible for state licensure in those states that require licensure for athletic trainers.

BS in Athletic Training

SEMESTER 1

Athletic Health-Care Overview
Complete the following course with a grade of C or higher:  
ATP U106 Overview of Athletic Health Care 2 SH

Freshman Seminar
Complete the following course:  
BHS U100 College: An Introduction 1 SH

Anatomy and Physiology 1
Complete the following course with corresponding lab:  
BIO U117 Integrated Anatomy and Physiology 1 4 SH  
with BIO U118 Lab for BIO U117 1 SH

Chemistry
Complete the following course with corresponding lab:  
CHM U101 General Chemistry for Health Sciences 4 SH  
with CHM U102 Lab for CHM U101 1 SH

Calculus
Complete the following course:  
MTH U141 Calculus 1 4 SH

SEMESTER 2

Clinical Practice Skills
Complete the following course with corresponding lab:  
ATP U120 Clinical Practice Skills in Athletic Training 3 SH  
with ATP U121 Lab for ATP U120 1 SH

Application of Protective Devices
Complete the following lab course:  
ATP U122 Lab: Application of Protective Devices in Athletic Training 1 SH

Anatomy and Physiology 2
Complete the following course with corresponding lab:  
BIO U119 Integrated Anatomy and Physiology 2 4 SH  
with BIO U120 Lab for BIO U119 1 SH
Introductory English
Complete the following course with a grade of C or higher:
ENG U111 College Writing 4 SH

Physics 1
Complete the following course with corresponding lab:
PHY U145 Physics for Life Sciences 1 4 SH
with PHY U146 Lab for PHY U145 1 SH

SEMESTER 3
Therapeutic Modalities
Complete the following course with corresponding lab:
ATP U310 Therapeutic Modalities 3 SH
with ATP U311 Lab for ATP U310 1 SH

Therapeutic Exercise
Complete the following course with corresponding lab:
ATP U320 Therapeutic Exercise 3 SH
with ATP U321 Lab for ATP U320 1 SH

Athletic Training Affiliation 1
Complete the following course:
ATP U941 Athletic Training Clinical Affiliation 1 3 SH

Clinical Kinesiology
Complete the following course with corresponding lab:
CES U504 Clinical Kinesiology 4 SH
with CES U505 Lab for CES U504 1 SH

SEMESTER 4 (SUMMER)
Neuromuscular and Cardiovascular Programming
Complete the following course:
ATP U330 Neuromuscular and Cardiovascular Programming 2 SH

Evaluation: Head and Spine
Complete the following course with two corresponding labs:
ATP U520 Evaluation: Head and Spine 4 SH
with ATP U521 Evaluation: Head and Spine Skills Lab 1 SH
with ATP U522 Evaluation: Head and Spine Anatomy Lab 1 SH

SEMESTER 5
Evaluation: Lower Extremity
Complete the following course with two corresponding labs:
ATP U500 Evaluation: Lower Extremity 4 SH
with ATP U501 Evaluation: Lower Extremity Skills Lab 1 SH
with ATP U502 Evaluation: Lower Extremity Anatomy Lab 1 SH

Athletic Training Affiliation 2
Complete the following course:
ATP U942 Athletic Training Clinical Affiliation 2 3 SH

Advanced Writing in the Disciplines
Complete the following course with a grade of C or higher:
ENG U306 Advanced Writing in the Health Professions 4 SH

Psychology
Complete the following course:
PSY U101 Foundations of Psychology 4 SH

SEMESTER 6 (SUMMER)
Evaluation: Upper Extremity
Complete the following course with two corresponding labs:
ATP U510 Evaluation: Upper Extremity 4 SH
with ATP U511 Evaluation: Upper Extremity Skills Lab 1 SH
with ATP U512 Evaluation: Upper Extremity Anatomy Lab 1 SH

Health Counseling
Complete the following course:
CAP U502 Health Counseling 3 SH

SEMESTER 7
Athletic Training Affiliation 3
Complete the following course:
ATP U943 Athletic Training Clinical Affiliation 3 3 SH

Nutrition
Complete the following course:
BHS U105 Nutrition 4 SH

Exercise Physiology
Complete the following course with corresponding lab:
CES U500 Exercise Physiology 1 4 SH
with CES U501 Lab for CES U500 1 SH

Pharmacology
Complete the following course:
PSC U340 Pharmacology for the Health Professions 4 SH

SEMESTER 8
Disease and Disabilities
Complete the following course:
ATP U530 Disease and Disabilities in Athletics 3 SH

Research
Complete the following course:
BHS U450 Health-Care Research 4 SH

Comparative Study of Cultures
Complete the following course (which satisfies the NU Core comparative study of cultures requirement):
SOA U101 Peoples and Cultures 4 SH
or complete any course that satisfies the NU Core comparative study of cultures requirement as described on page 42:

Athletic Training Affiliation 4
Complete the following course:
ATP U944 Athletic Training Clinical Affiliation 4 3 SH

SEMESTER 9
Administration
Complete the following course:
ATP U600 Administration in Athletic Health Care 4 SH
Senior Experience
Complete the following course:
ATP U946 Athletic Training Senior Experience 2 SH

Arts/Humanities Level 1
Complete one course to satisfy the NU Core arts/humanities level 1 requirement as described on page 42.

Free Elective
Complete one course outside athletic training.

ATHLETIC TRAINING MAJOR GRADE REQUIREMENT
A grade of C or higher is required in all ATP courses.

NU CORE REQUIREMENTS
See page 42 for requirement list.

GENERAL ELECTIVES
Additional courses taken beyond college and major course requirements to satisfy graduation credit requirements.

COOPERATIVE EDUCATION

UNIVERSITY-WIDE REQUIREMENTS
133 total semester hours required
Minimum 2.000 GPA required