

KINESIOLOGY PROGRAM GUIDELINES**Major: Athletic Training
(ATHLTRN BS - ATBS)****Concentration: Athletic Training
(AT BS)**

These guidelines summarize the requirements for a Bachelor of Science for students following the 2005-2006 requirements who are admitted for the spring semester of 2006.

The aim of this academic concentration is to prepare students to become certified as athletic trainers by the NATA** and work with interscholastic, intercollegiate and professional sport teams, and sport medicine centers that specialize in sport injuries and rehabilitation.

A. General Education Requirements

The General Education Requirements listed in the Academic Regulations of the University of Connecticut Undergraduate Catalog 2005-2006 include:

- Content Area 1 – Arts and Humanities. Six credits
- Content Area 2 – Social Sciences. Six credits.
- Content Area 3 – Science and Technology. Six to seven credits.
- Content Area 4– Diversity and Multiculturalism. Six credits.

B. Kinesiology Requirements

EKIN 160	First Aid and CPR	1 credit
EKIN 161	Introduction to Athletic Training I	1 credit
EKIN 162	Introduction to Athletic Training II	1 credit
EKIN 221	Athletic Training Clinical Rotation I	1 credit
EKIN 222	Athletic Training Clinical Rotation II	2 credits
EKIN 223	Athletic Training Clinical Rotation III	2 credits
EKIN 224	Athletic Training Clinical Rotation IV	3 credits
EKIN 225	Athletic Training Clinical Rotation V	3 credits
EKIN 234	Rehabilitation of Athletic Injuries	3 credits
EKIN 239	Therapeutic Modalities for Athletic Injuries	3 credits
EKIN 246	Athletic Training Anatomy	2 credits
EKIN 248	Physiological Systems in Human Performance	3 credits
EKIN 249	Pathophysiology and Pharmacology for Athletic Trainers	3 credits
EKIN 250	Taping and Bracing Laboratory	2 credits
EKIN 251	Rehabilitation and Modalities Laboratory	2 credits
EKIN 252	Assessment Laboratory	2 credits
EKIN 253W	Current Research and Issues in Athletic Training	3 credits
EKIN 254W	Athletic Training Administration	3 credits
EKIN 255	Health and Medicine	3 credits
EKIN 257	Strength and Conditioning for Athletic Trainers	3 credits
EKIN 258W	Mechanisms and Adaptations in Sport and Exercise	4 credits
EKIN 260	Assessment of Athletic Injuries	3 credits
EKIN 263	Applied Anatomy and Kinesiology	3 credits
EKIN 264	Prevention and Care of Athletic Injuries	3 credits
EKIN 276	Counseling in Sports Medicine	3 credits
EKIN 269	Administration Laboratory	2 credits
EKIN 270	Sports Medicine Experience	1 credit
EKIN 270	Sports Medicine Experience	1 credit
EKIN 270	Sports Medicine Experience	1 credit
EKIN 270	Sports Medicine Experience	1 credit
EKIN 272	Sport Biomechanics	3 credits
EKIN 292	Emergency Procedures in Athletic Training	3 credits

- C. **Related Requirements:** BIOL 107-Principles of Biology; CHEM 122-Chemical Principles and Applications or 127Q; COMM 105-Principles of Public Speaking; NUSC 165-Fundamentals of Nutrition; NUSC 250-Nutrition for Exercise and Sport; PHYS 101Q-Elements of Physics or 121Q; PNB 264, 265-Human Physiology & Anatomy; PSYC 132; STAT 100QC or 110QC.

Earn at least 120 credits with a minimum total grade point average of 2.2.

* Applicants for this concentration will be required to complete 100 hours of observations/experience under the supervision of a certified athletic trainer in a facility that specializes in sport injuries and rehabilitation.

ATHLETIC TRAINING (ATHLTRN BS - ATBS)

SAMPLE SEMESTER SEQUENCE

<u>SEMESTER 1</u> (15 credits)		<u>SEMESTER 2</u> (17 credits)	
ENGL 110 <u>or</u> ENGL 111	4	STAT 100QC <u>or</u> STAT 110QC	4
PHYS 101Q <u>or</u> PHYS 121Q	4	Content Area 2	3
BIOL 107 (Also fulfills Content Area 3)	4	Content Area 4	3
PSYC 132 (Also fulfills Content Area 3)	3	Content Area 4	3
		CHEM 122 <u>or</u> CHEM 127Q	4
<u>SUMMER SESSION</u>			
*Language	8		
<u>SEMESTER 3</u> (16 credits)		<u>SEMESTER 4</u> (18 credits)	
Content Area 1	3	Content Area 1	3
Content Area 2	3	EKIN 221 Clinical Rotation I	1
EKIN 160 First Aid and CPR	1	EKIN 239 Modalities for Athletic Injuries	3
EKIN 161 Introduction to Athletic Training I	1	EKIN 246 Athletic Training Anatomy	2
EKIN 162 Introduction Athletic Training II	1	EKIN 250 Taping and Bracing Laboratory	2
NUSC 165 (Also fulfills Content Area 3)	3	EKIN 260 Assessment of Athletic Injuries	3
PNB 264	4	PNB 265	4
<u>SEMESTER 5</u> (17 credits)		<u>SEMESTER 6</u> (17 credits)	
EKIN 222 Clinical Rotation II	2	EKIN 223 Clinical Rotation III	2
EKIN 234 Rehabilitation of Athletic Injuries	3	EKIN 252 Assessment Laboratory	2
EKIN 251 Rehab. and Modalities Laboratory	2	EKIN 254W Athletic Training Administration	3
EKIN 263 Applied Anatomy and Kinesiology	3	EKIN 264 Prevention and Care of Athletic Injuries	3
EKIN 270 Sports Medicine Experience	1	EKIN 270 Sports Medicine Experience	1
EKIN 272 Sport Biomechanics	3	EKIN 276 Counseling in Sport Medicine	3
EKIN 292 Emergency Procedures Athletic Training	3	NUSC 250 Nutrition for Exercise and Sport	3
<u>SEMESTER 7</u> (18 credits)		<u>SEMESTER 8</u> (14 credits)	
COMM 105	3	EKIN 225 Clinical Rotation V	3
EKIN 224 Clinical Rotation IV	3	EKIN 249 Path. and Pharm. for Athletic Trainers	3
EKIN 248 Phys. Systems in Human Performance	3	EKIN 257 Strength and Cond. Athletic Trainers	3
EKIN 253W Current Research	3	EKIN 258W Mechanisms & Adapt. in Sport & Exer.	4
EKIN 255 Health and Medicine	3	EKIN 270 Sports Medicine Experience	1
EKIN 269 Administration Laboratory	2		
EKIN 270 Sports Medicine Experience	1		

*Required of all students not meeting the University requirements of three years of a single foreign language in high school.

Lower division requirements have been selected to assist students with completing the general education requirements, including two W courses (one must be 200-level and associated with the student's major) and two Q courses (one Q course must be from Mathematics or Statistics). Courses in Content Areas 1-3 must be in different departments.

Earn at least 120 credits with a minimum total grade point average of 2.2.

EKIN 276 Counseling in Sport Medicine and EKIN 257 Strength & Conditioning for Athletic Trainers are taught every other year.

**NATA certification requires that students (a) receive a Bachelor of Science degree from an accredited athletic training program, and (b) take a national certification examination (written and practical sections).