

## Springfield College

**Degree/ Major:** Bachelor of Science-Exercise Science Pre-Professional Athletic Training

**Degree/Major:** Master of Science-Athletic Training

### Content Area

**120 Credits**

**Major Courses:** Pre-Professional Athletic Training

**Core Curriculum** (CR, not embedded in Major/Concentration)

### FIRST YEAR: PPAT

#### Fall Sequence

**18 credits**

AEXS 101: Introduction to Exercise Science <i>PREREQ for AEXS 284 &amp; 360/362</i>	3.0	_____
PPAT 100: Introduction to Athletic Training <i>PREREQ for PPAT 200</i>	2.0	_____
BIOL 130: Anatomy and Physiology	3.0	_____
BIOL 132: Anatomy & Physiology Lab <i>PREREQ for AEXS 313 and 315</i>	1.0	_____
ENGL 113: College Writing I (CR)	3.0	_____
SCSM 101 Springfield College Seminar (CR)	3.0	_____
Quantitative Reasoning (MATH 115 or Higher) <i>Fulfills Quantitative Reasoning Core Curriculum Requirement PREREQ for AEXS 313 &amp; 315</i>	3.0	_____

#### Spring Sequence

**16 credits**

BIOL 131: Anatomy and Physiology	3.0	_____
BIOL 133: Anatomy & Physiology Lab	1.0	_____
CHEM 101: Chemistry Survey (CR)	3.0	_____
CHEM 102: Chemistry Lab <i>Fulfills Scientific Reasoning Core Curriculum Requirement</i>	1.0	_____
ENGL 114: College Writing II (Spring)	3.0	_____
Aesthetic Expression (CR)	3.0	_____
PPAT 200: AT practicum <i>Must have taken = PPAT 100</i>	1.0	_____
WLPL 100: Exploring Movement & Wellness (CR) <i>Fulfills WLPL 100-level Core Curriculum Requirement</i>	1.0	_____

### SECOND YEAR: PPAT

#### Fall Sequence

**18 credits**

PHYS 205: Physics for Movement Sciences	3.0	_____
PHYS 207: Physics for Movement Sciences Lab <i>Must have taken = MATH 115 or higher PREREQ for AEXS 319/321</i>	1.0	_____
AEXS 313 Exercise Physiology (WAC)	3.0	_____
AEXS 315 Exercise Physiology Lab <i>Must have taken = BIOL 130 &amp; 132 PREREQ for AEXS 360/362 &amp; 380</i>	0.0	_____
AEXS 284: On-Campus Practicum <i>Must have taken = AEXS 101 PREREQ for AEXS 350</i>	1.0	_____
WLPL 225: Exploring Movement & Wellness through Strength and Conditioning <i>Fulfills WLPL 200-level Core Curriculum Requirement</i>	1.0	_____
HSCI 201: Intro to Healthcare Ethics	3.0	_____

Fulfills Spiritual and Ethical Perspectives Core Curriculum Requirement	
Themed Exploration (CR) <i>Theme must be declared by end of second year</i>	3.0 _____
Historical and Social Literacy (CR)	3.0 _____

**Spring Sequence 18 credits**

NUSC 261: Introduction to Nutrition	3.0 _____
AEXS 319 Kinesiology (WAC)	3.0 _____
AEXS 321 Kinesiology Lab <i>Must have taken = PHYS 205/206, BIOL 130/131</i>	0.0 _____
MATH 215 Probability and Statistics or HSCI 325: Biostatistics <i>PREREQ for HSCI 240</i>	3.0 _____
PUBH 130 Intro to Public Health	3.0 _____
Themed Exploration (Global/Cultural CR)	3.0 _____
AEXS 270 Exercise Psychology	3.0 _____

**THIRD YEAR: PPAT**

**Fall Sequence 18 credits**

AEXS 360 Exercise Testing and Prescription	3.0 _____
AEXS 362 Exercise Testing and Prescription Lab <i>Must have taken = AEXS 101 &amp; 313</i>	0.0 _____
HSCI 260 Human Disease and Chronic Illness <i>Must have taken = BIOL130 &amp; 132</i>	3.0 _____
HSCI 240 Principles of Epidemiology <i>Must have taken = MATH 215 or HSCI 225</i> <i>PREREQ for HSCI 420</i>	3.0 _____
Themed Exploration	3.0 _____
AEXS 350: Internship <i>Must have taken = AEXS 284 and 313</i>	2.0 _____
WLPL 300 (CR) <i>Fulfills WLPL 300-level Core Curriculum Requirement</i>	1.0 _____
Literature (CR)	3.0 _____

**Spring Sequence 14 credits**

AEXS 401: Management of Health/Fitness Programs <i>Must have taken = AEXS 350 (may take concurrent if needed)</i>	3.0 _____
HSCI 420: Evidence Based Health Care <i>Must have taken = HSCI 240</i>	3.0 _____
AEXS 380: Foundations of Training for Health and Performance <i>Must have taken = AEXS 313/315</i>	3.0 _____
PPAT 300: Seminar (Core Capstone)	1.0 _____
Elective (CR) must take a total of 4 elective credits of your choice	4.0 _____

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Must complete Wellness passport - noncredit bearing.

**Students apply and are accepted into the MSAT program during the third year of the Exercise Science/Pre-professional athletic training major. Students have an additional 18 credits to complete at the graduate level in order to earn the BS degree.**

<b>SUMMER 1: MSAT</b>		<b>12 Credits</b>
PHTH 504 Anatomy of the Musculoskeletal System <i>Prereq for ATRN 630 &amp; 631</i>	3.0	_____
PHTH 605 Applied Anatomy and Musculoskeletal Imaging <i>Prereq for ATRN 630 &amp; 631</i>	3.0	_____
ATRN 504: Prevention of Injuries and Illnesses <i>Prereq for ATRN 670</i>	3.0	_____
ATRN 616: Foundations of Therapeutic Intervention <i>Prereq for ATRN 630 &amp; 631</i>	2.0	_____
ATRN 624: Standards of Clinical Practice <i>Prereq for ATRN 670</i>	1.0	_____

<b>FALL 1: MSAT*</b>		<b>15 Credits</b>
AEXS 540: Sports Nutrition	3.0	_____
HLTH 525: Human Disease and Health Literacy		
ATRN 628: Principles of Evidence Based Practice	2.0	_____
ATRN 630: MSK-ADT I ( <i>first 7 weeks</i> ) <i>Prereq for ATRN 632</i>	4.0	_____
ATRN 631: MSK-ADT I Lab ( <i>first 7 weeks</i> ) <i>Coreq for ATRN 630</i>	0.0	_____
ATRN 632: MSK-ADT II ( <i>second 7 weeks</i> )	4.0	_____
ATRN 633: MSK-ADT II Lab ( <i>second 7 weeks</i> ) <i>Coreq for ATRN 632</i>	0.0	_____
ATRN 670: Clinical Practicum I <i>Prereq for ATRN 672</i>	1.0	_____
ATRN 672: Clinical Practicum II	1.0	_____

<b>Spring Sequence</b>		<b>15 credits</b>
PSYC 530: Psychology of Sport Injury	3.0	_____
ATRN 550: Behavioral Health	3.0	_____
ATRN 634: MSK-ADT III ( <i>first 7 weeks</i> )	4.0	_____
ATRN 635: MSK-ADT III Lab ( <i>first 7 weeks</i> )	0.0	_____
ATRN 668: GMC-ADT IV ( <i>second 7 weeks</i> )	4.0	_____
ATRN 669: GMC-ADT IV Lab ( <i>second 7 weeks</i> )	0.0	_____
ATRN 674: Clinical Practicum III	1.0	_____

<b>SUMMER 2: MSAT</b>		<b>(5 Credits)</b>
ATRN 662: Healthcare Seminar I ( <i>on-line</i> )	1.0	_____
ATRN 690: Capstone Experience in Athletic Training ( <i>hybrid</i> )*	2.0	_____
ATRN 676: Clinical Practicum IV	2.0	_____

\*ATRN 690: Capstone Experience in Athletic Training begins as an on-line course during the summer session and is continued through to completion during the last 4 weeks of the final semester in the program.

### **MSAT Year 2\* (19 Credits)**

\*Students may choose in which semester to take each cluster. All students return to campus for the final 4 weeks of the spring term to complete the capstone experience course.

<b>On Campus Course Cluster (9)</b>		<b>Off-Campus Course Cluster (10)</b>	<b>Cr.</b>
ATRN 660: Healthcare Administration in AT	3.0	ATRN 664: Healthcare Seminar II ( <i>online</i> )	2.0

AEXS 613: Exercise Testing & Prescription for Special Populations	3.0	ATRN 680: Clinical Practicum VI	8.0
ATRN 678: Clinical Practicum V	3.0		