

**Springfield College (New Gen Ed Model)**  
**Degree/ Major:** Bachelor of Science-Exercise Science  
**Concentration:** Pre-Professional Athletic Training  
**Degree/Major:** Master of Science-Athletic Training

**Content Area** **120 Credits**

**Major Courses:** Pre-Professional Athletic Training:  
**General Education Courses** (not embedded in Major/Concentration)

**FIRST YEAR: BSExSc (33 CR)**

**Fall Sequence** **18 credits**

AEXS 101: Introduction to Exercise Science	3.0 _____
PPAT 100: Introduction to Athletic Training	2.0 _____
BIOL 130: Anatomy and Physiology	3.0 _____
BIOL 132: Anatomy & Physiology Lab	1.0 _____
ENGL 113: College Writing I (CCR)	3.0 _____
First Year Seminar (CCR)	3.0 _____
Quantitative Reasoning (MATH 115 or Higher)	3.0 _____
<ul style="list-style-type: none"> <li>• Fulfills Quantitative Reasoning Core Curriculum Requirement</li> </ul>	

**Spring Sequence** **18 credits**

BIOL 131: Anatomy and Physiology	3.0 _____
BIOL 133: Anatomy & Physiology Lab	1.0 _____
CHEM 101: Chemistry Survey	3.0 _____
CHEM 102: Chemistry Lab	1.0 _____
<ul style="list-style-type: none"> <li>• Fulfills Scientific Reasoning Core Curriculum Requirement</li> </ul>	
ENGL 114: College Writing II (Spring)	3.0 _____
Literature (CCR)	3.0 _____
PPAT 200: AT practicum	1.0 _____
MOSK 125: Exploring Movement & Wellness through Strength and Conditioning	1.0 _____
WPL 1 (CCR)	1.0 _____
WPL 2 (CCR)	1.0 _____

**SECOND YEAR: BExSc (36 CR)****Credits****Fall Sequence****18 credits**

PHYS 205: Physics for Movement Sciences	3.0 _____
PHYS 207: Physics for Movement Sciences Lab	1.0 _____
AEXS 313 Exercise Physiology (WAC)	3.0 _____
AEXS 315 Exercise Physiology Lab	0.0 _____
AEXS 284: On-Campus Practicum	1.0 _____
Physical Activity for Life Core Curriculum Requirement (CCR)	1.0 _____
HSCI 201: Intro to Healthcare Ethics	3.0 _____
• Fulfills Spiritual and Ethical Perspectives Core Curriculum Requirement	
Themed Exploration (Intro)(CCR)	3.0 _____
Aesthetic Expression (CCR)	3.0 _____

**Spring Sequence****18.0 credits**

NUSC 261: Introduction to Nutrition	3.0 _____
Historical and Social Literacy Core Curriculum Requirement	3.0 _____
AEXS 319 Kinesiology	3.0 _____
AEXS 321 Kinesiology Lab	0.0 _____
MATH 215 Probability and Statistics or HSCI 325: Biostatistics	3.0 _____
HSCI 130 Intro of Public Health	3.0 _____
Themed Exploration (Global/Cultural CCR)	3.0 _____

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**THIRD YEAR: BExSc (33 cr)** **Credits**

**Fall Sequence** **18 credits**

AEXS 360 Exercise Testing and Prescription	3.0_____
AEXS 362 Exercise Testing and Prescription Lab	0.0_____
HSCI 260 Human Disease and Chronic Illness	3.0_____
HSCI 340 Principles of Epidemiology	3.0_____
AEXS 390: Exercise Psychology	3.0_____
Themed Exploration (Leadership/Service CCR)	3.0_____
Elective (CCR)	3.0_____

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**Spring Sequence** **12 credits**

AEXS 401 Management of Health/Fitness Programs	3.0_____
HSCI 420 Evidence Based Health Care	3.0_____
AEXS 380 Foundations of Training for Health and Performance	3.0_____
AEXS 350: Internship	2.0_____
Capstone Course (CCR)	1.0_____

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

<b><u>SUMMER 1/MSAT Year 1</u></b>	<b><u>(12cr) credits</u></b>
PHTH 504 Anatomy of the Musculoskeletal System	3.0_____
PHTH 605 Applied Anatomy and Musculoskeletal Imaging	3.0_____
ATRN 504: Prevention of Injuries and Illnesses	3.0_____
ATRN 616: Foundations of Therapeutic Intervention	2.0_____
ATRN 624: Standards of Clinical Practice	1.0_____

**FOURTH YEAR BExSc /MSAT Year 1** **(31 cr) Credits**

**Fall Sequence** **18 credits**

HLTH 525: Human Disease and Health Promotion	3.0_____
AEXS 540: Sports Nutrition	3.0_____
ATRN 628: Principles of Evidence Based Practice	2.0_____
ATRN 630: MSK-ADT I	4.0_____
ATRN 632: MSK-ADT II	4.0_____
ATRN 670: Clinical Practicum I	1.0_____
ATRN 672: Clinical Practicum II	1.0_____

**Spring Sequence** **15 credits**

PSYC 530: Psychology of Sport Injury	3.0_____
ATRN 550: Behavioral Health	3.0_____
ATRN 634: MSK-ADT III	4.0_____
ATRN 668: GMC-ADT IV	4.0_____
ATRN 674: Clinical Practicum III	1.0_____
Total credits toward BS degree:	120
Total advanced standing credits:	27
Total credits earned:	147

**Electives:** Depending on how general education courses were selected and applied, the student may need to take additional elective courses to earn 120 credits needed to graduate.

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**SUMMER 2/MSAT Year 2 (6cr)** **credits**

ATRN 662: Healthcare Seminar I (on-line) 1.0\_\_\_\_\_

ATRN 690: Capstone Experience in Athletic Training (hybrid)\* 2.0\_\_\_\_\_

ATRN 676: Clinical Practicum IV 3.0\_\_\_\_\_

\*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\* (23)** **credits**

Students will take both on-campus and off-campus course clusters but may choose in which semester to take each cluster: spring or fall. 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 (12)</b>	<b>Off-Campus Course Cluster (11)</b>
ATRN 660: Healthcare Administration in AT 3.0	ATRN 664: Healthcare Seminar II (online) 2.0
AEXS 613: Exercise Testing & Prescription for Special Populations 3.0	ATRN 680: Clinical Practicum VI (9.0)
ATRN 678: Clinical Practicum V (6.0)	

**Electives:** Depending on the number of advance standing credits the student transfers into the MSAT Degree Program, the student may need to take additional elective courses to earn 56 credits needed to graduate.

Advanced Standing Credits (SC/BS-ES/PPAT): 27  
 Credits Earned in MSAT 29  
 Total credits needed to complete degree program: 56

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