

Springfield College
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: Exercise Science:	41
Concentration Courses: Pre-Professional Athletic Training:	45
General Education Courses (not embedded in Major/Concentration)	34

FIRST YEAR: BSExSc (36 CR)

Fall Sequence	18 credits
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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*	3.0 _____
HLTH 100: Wellness, A Way of Life**	3.0 _____
Quantitative Reasoning (MATH 115 or Higher) **	3.0 _____

Spring Sequence	18 credits
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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 _____
ENGL 114: College Writing II (Spring)*	3.0 _____
PEPC 125: Resistance Training**	1.0 _____
HSCI 201 Introduction to Healthcare Ethics**	3.0 _____
HSCI 130 Introduction of Public Health	3.0 _____

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 _____

Computer Application* 3.0 _____

AEXS 313 Exercise Physiology (WAC) 3.0 _____

AEXS 315 Exercise Physiology Lab 0.0 _____

International/Multicultural Studies* 3.0 _____

(if taken for 3 credits, student must take additional 3 credits of electives)

Social Justice* 3.0 _____

AEXS 284: On-Campus Practicum 1.0 _____

PPAT 200: AT practicum 1.0 _____

Spring Sequence**18.0 credits**

NUSC 261: Introduction to Nutrition 3.0 _____

PSYC 101: Introduction to Psychology** 3.0 _____

AEXS 319 Kinesiology 3.0 _____

AEXS 321 Kinesiology Lab 0.0 _____

PSYC 211: Stats or HSCI 325: Biostatistics 3.0 _____

Historical and Cultural Studies* 3.0 _____

International/Multicultural Studies* or Elective 3.0 _____

(if taken for 3 credits, student must take additional 3 credits of electives)

<u>THIRD YEAR: BExSc (30 cr)</u>	Credits
<u>Fall Sequence</u>	14 credits
AEXS 360 Exercise Testing and Prescription	3.0_____
AEXS 362 Exercise Testing and Prescription Lab	0.0_____
AEXS 350: Internship	2.0_____
Visual and Performing Arts*	3.0_____
HSCI 260 Human Disease and Chronic Illness	3.0_____
HSCI 340 Principles of Epidemiology	3.0_____
<u>Spring Sequence</u>	16 credits
AEXS 470 Strength and Conditioning	3.0_____
AEXS 401 Management of Health/Fitness Programs (WAC)	3.0_____
HSCI 420 Evidence Based Health Care	3.0_____
PEAC	1.0_____
AEXS 380 Concepts of Personal Training	3.0_____
Literature Studies*	3.0_____

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.

<u>SUMMER 1/MSAT Year 1 (17cr)</u>	<u>credits</u>
PHTH 506/507: Clinical Human Anatomy I	3.0_____
PHTH 508/509: Clinical Human Anatomy II	3.0_____
ATRN 604: Prevention of Injuries and Illnesses	3.0_____
ATRN 608: Functional Movement Assessment	2.0_____
ATRN 616: Foundations of Therapeutic Intervention	2.0_____
ATRN 624: Standards of Clinical Practice	2.0_____
ATRN 628: Principles of Evidence Based Practice	2.0_____

<u>FOURTH YEAR BExSc /MSAT Year 1 (31 cr)</u>	<u>Credits</u>
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<u>Fall Sequence</u>	<u>16 credits</u>
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HLTH 525: Human Disease and Health Promotion	3.0_____
AEXS 540: Sports Nutrition	3.0_____
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_____

<u>Spring Sequence</u>	<u>15 credits</u>
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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_____

Rev: 2.26.19, 7.3.19, 7.16.19

Total credits toward BS degree: 120
 Total advanced standing credits: 30
 Total credits earned: 150

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.

On Campus Course Cluster (12)	Off-Campus Course Cluster (11)
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 77credits needed to graduate.

Advanced Standing Credits (SC/BS-ES/PPAT):	30
Credits Earned in MSAT	47
Total credits needed to complete degree program:	77

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