SPALDING UNIVERSITY

Catalog Years 2024-2025 Bachelor of Science in Natural Science Athletic Training Track 120 credit hours

UNIVERSITY STUDIES PROGRAM (55 hours)

SU 100* Successful Student Strategies 1 BIO 122 Organismal Biology 3 BIO 124 Organismal Biology 1 BIO 125 Organismal Biology 1 BIO 126 Organismal Biology 1 BIO 127 Organismal Biology 1 BIO 127 Organismal Biology 1 BIO 128 Organismal Biology 1 BIO 129 Organismal Biology 1 BIO 120 Organismal Biology 1 BIO 121 Organismal Biology 1 BIO 125 Problem Solving in Nat Science 3 BIO 252* Anatomy & Physiology II 3 BIO 252* Anatomy & Physiology II ab 1 BIO 252* Anatomy & Physiology II ab 1 BIO 254* Anatomy & Physiology II ab 1 BIO 255* Anatomy & Physiology II ab 1 BIO 256* Microbiology 3 BIO 301 Pathophysiology		(55 hours)				
SU 100* Successful Student Strategies 1 BIO 122 Organismal Biology 3 BIO 124 Organismal Biology 1 BIO 125 Organismal Biology 1 BIO 126 Organismal Biology 1 BIO 127 Organismal Biology 1 BIO 127 Organismal Biology 1 BIO 128 Organismal Biology 1 BIO 129 Organismal Biology 1 BIO 120 Organismal Biology 1 BIO 121 Organismal Biology 1 BIO 125 Problem Solving in Nat Science 3 BIO 252* Anatomy & Physiology II 3 BIO 252* Anatomy & Physiology II ab 1 BIO 252* Anatomy & Physiology II ab 1 BIO 254* Anatomy & Physiology II ab 1 BIO 255* Anatomy & Physiology II ab 1 BIO 256* Microbiology 3 BIO 301 Pathophysiology				Natural Science and	Mathematics (28 hours)	
BIO 124 Organismal Biology Lab 1	<u>Introduction to College (1 hour)</u>			BIO 123	Introduction to Biology Lab	1
BIO 150 Problem Solving in Nat Science 3	SU 100*	Successful Student Strategies	1	BIO 122	Organismal Biology	3
ENG109* College Writing Workshop I 3 ENG110 College Writing Workshop II 3 ENG110 Spanish for Health Care 3 ENG253* Anatomy & Physiology II ab 1 BIO 252* Anatomy & Physiology II ab 1 BIO 254* Anatomy & Physiology II ab 1 BIO 256* Microbiology 3 BIO 301 Pathophysiology 4 BIO 301 Pathophysiology 4 BIO 301 Pathophysiology 4 BIO 3				BIO 124	Organismal Biology Lab	1
ENG110 College Writing Workshop II 3 COM201* Effective Speaking 3 BIO 252* Anatomy & Physiology II ab 1 SPAN103 Spanish for Health Care 3 BIO 254* Anatomy & Physiology II Lab 1 SPAN103 Spanish for Health Care 3 BIO 254* Anatomy & Physiology II Lab 1 BIO 264* Anatomy & Physiology II Lab 1 BIO 265* Anatomy & Physiology II Lab 1 BI	Communications (15 h	<u>nours)</u>		BIO 150	Problem Solving in Nat Science	3
COM201* Effective Speaking 3 BIO 253* Anatomy & Physiology I Lab 1 SPAN103 Spanish for Health Care 3 BIO 254* Anatomy & Physiology II Lab 1 Interpersonal Communication 3 BIO 254* Anatomy & Physiology II Lab 1 BIO 254* Anatomy & Physiology 3 BIO 256 Microbiology 3 Microbiology 3 MATH 231*Introduction to Statistics 3 BIO 256 Microbiology 3 MATH 231*Introduction to Statistics 3 PHYS 204* Physics for Rehabilitation Science 3 Medical Terminology (3 hours) ENG Service Art/Theater Arts) Service Art	ENG109*	College Writing Workshop I	3	BIO 251*	Anatomy & Physiology I	3
SPAN103 Spanish for Health Care 3 BIO 254* Anatomy & Physiology II Lab 1 BIO 250* Microbiology 3 BIO 301 Pathophysiology 3 BIO 301 Pathophysiology 3 BIO 301 Pathophysiology 3 PHYS 204* Physics for Rehabilitation Science 3 PHYS 204* Physics for Rehabilitation S	ENG110		3	BIO 252*	Anatomy & Physiology II	3
COM204 Interpersonal Communication 3 BIO 256 Microbiology 3	COM201*	Effective Speaking	3	BIO 253*	Anatomy & Physiology I Lab	1
BIO 301 Pathophysiology 3	SPAN103	Spanish for Health Care	3	BIO 254*	Anatomy & Physiology II Lab	1
MATH 231*Introduction to Statistics 3	COM204	Interpersonal Communication	3	BIO 256	Microbiology	3
ENG				BIO 301	Pathophysiology	3
ENG	Humanities (12 hours)	<u>!</u>		MATH 231*	*Introduction to Statistics	3
ENG			3	PHYS 204*	Physics for Rehabilitation Science	3
(Literature or Linguistics) PHIL154 Ethics PHIL154 Ethics PHIL154 Ethics 3 Professional Phase Major Courses Year 4 (40 hours) All major courses must be completed at Spalding University MSAT 500 Foundations of Athletic Training 3 MSAT 510 Emergency Care of Athletic Injuries 3 MSAT 512 Advanced Regional Anatomy And Neuroscience 6 MSAT 550 Clinical Education I 2 Natural Science and Mathematics (9 hours) BIO 121 Introduction to Biology 3 CHEM 106* Chemistry for Allied Health 3 MATH 113* College Algebra 3 MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab 4 MSAT 540 General Medical Conditions with Pharmacology 3 MSAT 600 Clinical Education II 3		(Fine Art/Theater Arts)				
PHIL154 Ethics 3 Professional Phase Plus 1 elective from Creative Writing, Fine Arts, Humanities, inguistics, Literature, Philosophy, or Theater Arts) All major courses Must be completed at Spalding University MSAT 500 Foundations of Athletic Training 3 MSAT 510 Emergency Care of Athletic Injuries 3 MSAT 512 Advanced Regional Anatomy And Neuroscience 6 MSAT 550 Clinical Education I 2 Natural Science and Mathematics (9 hours) BIO 121 Introduction to Biology 3 CHEM 106* Chemistry for Allied Health 3 MATH 113* College Algebra 3 MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab 4 MATH 113* College Algebra 3 MSAT 610 General Medical Conditions with Pharmacology 3 MSAT 600 Clinical Education II 3 MSAT 630 Advanced Functional Rehabilitation and	ENG		3	Medical Terminolog	y (3 hours)	
Plus 1 elective from Creative Writing, Fine Arts, Humanities, Linguistics, Literature, Philosophy, or Theater Arts) Medical Terminology (3 hours) HS301*Medical Terminology HS301*Medical Terminology MSAT 510 MSAT 510 MSAT 510 Emergency Care of Athletic Injuries 3 MSAT 512 MSAT 512 MSAT 512 MSAT 512 MSAT 510 Emergency Care of Athletic Injuries 3 MSAT 512 MSAT 510 Emergency Care of Athletic Injuries 3 MSAT 510 Clinical Education I 2 MSAT 520 Upper Extremity and Spinal Injury Pathomechanics, & Assessment w/ Lab 4 MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment w/ Lab 4 MSAT 610 General Medical Conditions with Pharmacology 3 MSAT 600 Clinical Education II 3 MSAT 630 Advanced Functional Rehabilitation and		(Literature or Linguistics)		HS301*Med	ical Terminology	3
Plus 1 elective from Creative Writing, Fine Arts, Humanities, Linguistics, Literature, Philosophy, or Theater Arts) Major Courses Year 4 (40 hours)	PHIL154	Ethics	3			
All major courses must be completed at Spalding University MSAT 500 Foundations of Athletic Training 3 MSAT 510 Emergency Care of Athletic Injuries 3 MSAT 512 Advanced Regional Anatomy And Neuroscience 6 MSAT 550 Clinical Education I 2 MSAT 520 Upper Extremity and Spinal Injury Pathomechanics, & Assessment w/Lab 4 MATH 113* College Algebra 3 MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment w/Lab 4 MSAT 540 General Medical Conditions with Pharmacology 3 MSAT 610 General Medical Conditions with Pharmacology 3 MSAT 630 Advanced Functional Rehabilitation and				Professional Phase		
MSAT 500 Foundations of Athletic Training 3 MSAT 510 Emergency Care of Athletic Injuries 3 MSAT 511 Emergency Care of Athletic Injuries 3 MSAT 512 Advanced Regional Anatomy And Neuroscience 6 MSAT 550 Clinical Education I 2 MSAT 520 Upper Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab 4 MATH 113* College Algebra 3 MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab 4 MSAT 540 General Medical Conditions With Pharmacology 3 MSAT 640 Clinical Education II 3 MSAT 650 Advanced Functional Rehabilitation and		_	es,	Major Courses Year	4 (40 hours)	
Medical Terminology (3 hours)	Linguistics, Literature,	Philosophy, or Theater Arts)		All major courses mu.	st be completed at Spalding University	
Medical Terminology (3 hours) HS301*Medical Terminology 3 MSAT 512 Advanced Regional Anatomy And Neuroscience 6 MSAT 550 Clinical Education I 2 MSAT 520 Upper Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab 4 MATH 113* College Algebra 3 MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab 4 MSAT 540 General Medical Conditions W/ Lab 4 MSAT 610 General Medical Conditions With Pharmacology 3 MSAT 600 Clinical Education II 3 MSAT 630 Advanced Functional Rehabilitation and			_ 3	MSAT 500	Foundations of Athletic Training	3
HS301*Medical Terminology MSAT 550 Clinical Education I 2 MSAT 520 Upper Extremity and Spinal Injury Pathomechanics, & Assessment WLab 4 MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment WLab 4 MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment WLab 4 MSAT 540 General Medical Conditions WLab 4 MSAT 610 General Medical Conditions With Pharmacology 3 MSAT 600 Clinical Education II 3 MSAT 630 Advanced Functional Rehabilitation and				MSAT 510	Emergency Care of Athletic Injuries	s 3
HS301*Medical Terminology MSAT 550 Clinical Education I MSAT 550 Upper Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab MSAT 540 General Medical Conditions W/ Lab MSAT 610 General Medical Conditions With Pharmacology MSAT 600 Clinical Education II MSAT 630 Advanced Functional Rehabilitation and						
MSAT 520 Upper Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab MATH 113* College Algebra Religious Studies (6 hours) RS 3 RS* 3 MSAT 600 Clinical Education II MSAT 520 Upper Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab 4 MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment W/ Lab 4 MSAT 610 General Medical Conditions With Pharmacology 3 MSAT 600 Clinical Education II 3 MSAT 630 Advanced Functional Rehabilitation and	HS301*Medic	al Terminology	3		•	6
BIO 121 Introduction to Biology 3 Pathomechanics, & Assessment w/ Lab 4 MATH 113* College Algebra 3 MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment w/ Lab 4 Religious Studies (6 hours) w/ Lab 4 RS 3 MSAT 610 General Medical Conditions with Pharmacology 3 RS*				MSAT 550	Clinical Education I	2
BIO 121 Introduction to Biology 3 Pathomechanics, & Assessment w/ Lab 4 MATH 113* College Algebra 3 MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment w/ Lab 4 Religious Studies (6 hours) w/ Lab 4 RS 3 MSAT 610 General Medical Conditions with Pharmacology 3 MSAT 600 Clinical Education II 3 MSAT 630 Advanced Functional Rehabilitation and	Natural Science and Mathematics (9 hours)			MSAT 520	Upper Extremity and Spinal Injury	
CHEM 106* Chemistry for Allied Health MATH 113* College Algebra MSAT 540 Lower Extremity and Spinal Injury Pathomechanics, & Assessment w/ Lab 4 MSAT 610 General Medical Conditions with Pharmacology 3 MSAT 600 Clinical Education II 3 MSAT 630 Advanced Functional Rehabilitation and	BIO 121	Introduction to Biology	3			
MATH 113* College Algebra 3	CHEM 106*	Chemistry for Allied Health	3			4
Pathomechanics, & Assessment w/ Lab RS 3 MSAT 610 General Medical Conditions with Pharmacology 3 MSAT 600 Clinical Education II 3 MSAT 630 Advanced Functional Rehabilitation and	MATH 113* College Algebra		3	MSAT 540		
Religious Studies (6 hours) w/ Lab 4 RS 3 MSAT 610 General Medical Conditions with Pharmacology 3 RS* 3 MSAT 600 Clinical Education II 3 MSAT 630 Advanced Functional Rehabilitation and						
RS	Religious Studies (6 hours)					4
with Pharmacology 3 MSAT 600 Clinical Education II 3 MSAT 630 Advanced Functional Rehabilitation and	RS		3	MSAT 610		
RS* MSAT 600 Clinical Education II 3 MSAT 630 Advanced Functional Rehabilitation and						3
MSAT 630 Advanced Functional Rehabilitation and	RS*		3	MSAT 600		3
(and
Refurn-to-Activity Decision-Making 3	Social Sciences and Ps	ychology (12 hours)			Return-to-Activity Decision-Making	
HIST 3 MSAT 530 Therapeutic Modalities and Evidence	HIST	3		MSAT 530		-
PSY103* Psychological Systems 3 Based Applications 3	PSY103*	Psychological Systems	3		1	_
PSY202 Lifespan Development 3MSAT 515 Nutrition, Strength, and Conditioning	PSY202	Lifespan Development	3	MSAT 515		
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Select from African American Studies, Anthropology, Economics, Geography listory, Political Science, Psychology, Social Sciences, or Sociology.) MSAT 620 Health Science Research Designs			aphy	MSAT 620	-	5
Required pre-requisite prior to beginning the athletic training And Statistical Methods			ing	1715/11 020	_	3
professional phase			U			3

Student Name

Phone Number _____

Email Address ______ Mailing Address _____

ID Number

Entry Date

Revised September 2022

SPALDING UNIVERSITY Catalog Years 2023-2024 Master of Science in Athletic Training Major Courses Year 5 (22 hours)						
	MSAT 660	Psychosocial Aspects of Sports, Aging, and Injury Rehabilitation	2			
	MSAT 625	Clinical Education III	9			
	MSAT 680	Leadership, Administration, and Ethical Concerns in Healthcare	3			
	MSAT 685	Master's Project	3			
	MSAT 690	Board of Certification Preparation	2			
	MSAT 650	Clinical Education IV	3			