5 YR UNDERGRADUATE EXERCISE SCIENCE/MAT (5YEXSC.MAT)

Undergraduate Requirements		Hrs.	Prereq.	Rec.Yr.		
EXSC 140	First Aid & Safety	3		Fr		
EXSC 168	Medical Terminology	3		Fr		
EXSC 205	Foundations of Health & Wellness	3	5010101	Soph		
EXSC 220	Psychology of Injury	3	PSYC 101	Soph/Jr		
EXSC 240	Fundamentals of Human Nutrition	3		Soph/Jr		
EXSC 303	Org & Adm in Health Professions	3	EXSC majors	Jr/Sr		
EXSC 320	Exercise Physiology	3	BIOL 151, 152	Jr		
EXSC 320L	Exercise Physiology Lab	1	Pre or coreq EXSC 320	Jr		
EXSC 325	Kinesiology	3	BIOL 151, 152	Jr		
EXSC 325L	Kinesiology Lab	1	Pre or coreq EXSC 325	Jr		
EXSC 331	Exer Tests & Prescriptions Lab	1	EXSC 320;	Jr		
2,100 00 1			Coreq EXSC 338			
EXSC 338	Exercise Test & Prescription	3	EXSC 320; Coreq EXSC 331	Jr		
EXSC 340	Adv Nutrition & Sport Pharmacology	3	EXSC 240	Jr/Sr		
BIOL 151	Anatomy & Physiology I	4		Fr		
BIOL 152	Anatomy & Physiology II	4	Successful completion of	Fr		
DIOL 102	, matering at myelelegy in		BIOL-151			
BIOL 164	Principles of Organismal Biology OR	4		Soph		
BIOL 220	General Microbiology	4	BIOL 152			
DIOL 220	Contract Miles Contracts					
PSYC 101	General Psychology	3		Fr		
1010101	Contrain Cychology					
CHEM 105	General Chemistry I	3		Fr		
CHEM 107L	General Chemistry I Lab	1				
CHEW 107L	OR	•				
CHEM 131	General Chemistry for Science Majors I*	3		Fr		
*Drarage	isite: Must have passed at least one year of high school chemistry or one	semester of college chemi	istry equivalent to CHEM 105/107	L or above AND at		
"Frerequ	of the following: MATH ACT score of 20, MATH SAT score of 50	O grade of C or hetter	in one of the classes: MATH 103.	110, 112, 115, 130,		
	of the following: IVIAITI ACT store of 20, IVIAITI SAT store of 30	o, grain of C or viller	<i>in the ty intermedia ::= ==== : == ;</i>			
161.	Compared Chamietry for Science Majore Lab I	1	Coreq CHEM 131			
CHEM 133L	General Chemistry for Science Majors Lab I	1	Coreq of IEM 101			
	OR	2	Placement			
CHEM 161	Accelerated General Chemistry for Science Majors I	3	Flacement			
CHEM 163L	Acc General Chemistry for Science Majors Lab					
		0		Soph		
MATH 115	Elementary Statistics	3		Jr		
PHYS 152	General Physics II	4		JI		
		<u></u>				
		59-63 hours				
Graduate Requ	<u>iirements</u>	0				
EXSC 505	Foundations of Patient Care	3				
EXSC 506	Advanced Emergency Care for the Athletic Trainer	2				
EXSC 515	Principles of Athletic Training	2	5,400,500,545			
EXSC 535	Clinical Experience I	2	Coreqs EXSC 506, 515,			
	100 F1 200 Card	_	550			
EXSC 536	Clinical Experience II	3	Coreqs EXSC 540, 605			
EXSC 540	Evaluation and Treatment of Lower Extremity	3				
EXSC 545	Evaluation and Treatment of Upper Extremity	3				
EXSC 550	Orthopedic Support & Immobilization Techniques	2				
EXSC 570	Therapeutic Interventions	3				
EXSC 605	Eval & Treatment of General Medical Conditions	3				
	Cardiopulmonary Issues & the Athletic Trainer	3				
EXSC 610	Psychosocial Aspects of Athletic Training					
EXSC 613	Rehabilitative Interventions	2 2				
EXSC 635		2				
^EXSC 640	Research in Athletic Training	2				
EXSC 645	Healthcare Administration in Athletic Training	2				
EXSC 655	Professional Topics in Athletic Training	3	Coreqs EXSC 545, 570,	635.		
EXSC 670	Clinical Experience III	S	645	,		
		6	0-10			
EXSC 675	Immersive Clinical Experience	6				
EXSC 678	Current Topics in Athletic Training	1				
		49 graduate ho	Nure			
		วนเจ				
		400 440 total hours				
		108-112 total h	ioui 5			

[^]Satisfies advanced writing requirement

NAME:	
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B.S./M.A.T: 5 Year Undergraduate Exercise Science/Master in Athletic Training Major (for students entering in Fall 2024/Spring 2025)

In the "WHAT" column, enter the specific course number when applicable--e.g. HIST 121. In the "WHEN" column, enter the term and year in which the requirement is satisfied--e.g., sp '20.

		Liberal Arts Core			Exercise Science Major
WHAT	WHEN		WHAT	WHEN	
		ENGL 101* w/ C (2.0) [3 hrs]			EXSC 140 [3 hrs]
		ENGL 110 w/ C (2.0) [3 hrs]			EXSC 168 [3 hrs]
		COMM 211 w/ C (2.0) [3 hrs]			EXSC 205 [3 hrs]
		Dept senior seminar/writing course			EXSC 220 [3 hrs]
		Met by: EXSC 640 [2 hrs]			EXSC 240 [3 hrs]
					EXSC 303 [3 hrs]
		FYEX 101 [3 hrs]			EXSC 320 [3 hrs]
		FYEX 102 [1 hr]			EXSC 320L [1 hr]
		FYEX 103/104/105/106/107 [1 hr]			EXSC 325 [3 hrs]
		FYEX 103/104/105/106/107 [1 hr]			EXSC 325L [1 hr]
		FYEX 401 [1 hr]			EXSC 331 [1 hr]
					EXSC 338 [3 hrs]
		Foundational Scientific Inquiry [3-4 hrs]			EXSC 340 [3 hrs]
		Foundational Quantitative Analysis [3-4 hrs]			BIOL 151 [4 hrs]
		,			BIOL 152 [4 hrs]
No more	than two le	ens courses may come from same departmental			BIOL 164/220 [4 hrs]
prefix and	d one lens	must be taken at 300 level or above.			MATH 115 [3 hrs]
					PHYS 152 [4 hrs]
	-	Ethical/Spiritual Explor Lens (ETSP) [3 hrs]			PSYC 101 [3 hrs]
		Aesthetic Expression Lens (AEXP) [3 hrs]			
		Per & Soc Well Being Lens (PSWB) [3 hrs]			CHEM 105/107L [4 hrs]
		Cultural Perspectives Lens (CEXP) [3 hrs]			CHEM 106/108L [4 hrs]
-		Experimental Inquiry Lens (EXIN) [3 hrs]			<u>OR</u>
					CHEM 131/133L [4 hrs]
					CHEM 132/134L [4 hrs]
		37 – 39 Total semester hours			<u>OR</u>
					CHEM 161/163L [4 hrs]
		120 undergraduate semester hours required			
		for graduation			M.A.T Courses [49 hrs]
					EXSC 505 [3 hrs]
		applicable) if waived upon admission or if			EXSC 506 [2 hrs]
complet	ing the h	onors program.			EXSC 515 [2 hrs]
> T() (. 11	Posts and a share assetting being applicable			EXSC 535 [2 hrs]
≯ine t	ollowing	limits apply when counting hours applicable			EXSC 536 [3 hrs]
		required for graduation: 4 hours of physical			EXSC 540 [3 hrs]
activity ((EXSC) a	nd 8 hours of MUSC 149.			EXSC 545 [3 hrs]
NOTE	Ctudente	must apply for admission into the program. See			EXSC 550 [2 hrs]
NOTE:		s must apply for admission into the program. See or formal admission requirements.			EXSC 570 [3 hrs]
	catalog i	or formal admission requirements.			EXSC 605 [3 hrs]
					EXSC 610 [3 hrs]
					EXSC 613 [2 hrs]
					EXSC 635 [2 hrs]
					EXSC 640 [2 hrs]
					EXSC 645 [2 hrs]
				-	EXSC 655 [2 hrs]
					EXSC 670 [3 hrs] EXSC 675 [6 hrs]
					EXSC 675 [6 fils]
				-	LV20 010 [1 111]

> Only six hours of any minor may overlap with the required credit hours of a student's chosen major. The overlap constraint is not applicable to courses that majors or minors MUST take in others departments.