

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

<u>Undergraduate Requirements</u>		<u>Hrs.</u>	<u>Prereq.</u>	<u>Rec.Yr.</u>
EXSC 140	First Aid & Safety	3		Fr
EXSC 168	Medical Terminology	3		Fr
EXSC 205	Foundations of Health & Wellness	3		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; Coreq EXSC 338	Jr
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	BIOL 151	Fr
BIOL 164	Principles of Organismal Biology	4		Soph
	<u>OR</u>			
BIOL 220	General Microbiology	4	BIOL 152	
PSYC 101	General Psychology	3		Fr
CHEM 105	General Chemistry I	3		Fr
CHEM 107L	General Chemistry I Lab	1		
	<u>OR</u>			
CHEM 131	General Chemistry for Science Majors I*	3		Fr
<i>*Prerequisite: Must have passed at least one year of high school chemistry or one semester of college chemistry equivalent to CHEM 105/107L or above AND at least one of the following: MATH ACT score of 20, MATH SAT score of 500, grade of C or better in one of the classes: MATH 103, 110, 112, 115, 130, 161.</i>				
CHEM 133L	General Chemistry for Science Majors Lab I	1	Coreq CHEM 131	
	<u>OR</u>			
CHEM 161	Accelerated General Chemistry for Science Majors I	3	Placement	
CHEM 163L	Acc General Chemistry for Science Majors Lab			
MATH 115	Elementary Statistics	3		Soph
PHYS 152	General Physics II	4		Jr

59-63 hours

### Graduate Requirements

EXSC 505	Foundations of Patient Care	3		
EXSC 506	Advanced Emergency Care for the Athletic Trainer	2		
EXSC 515	Principles of Athletic Training	2		
EXSC 535	Clinical Experience I	2	Coreqs EXSC 506, 515, 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		
EXSC 610	Cardiopulmonary Issues & the Athletic Trainer	3		
EXSC 613	Psychosocial Aspects of Athletic Training	2		
EXSC 635	Rehabilitative Interventions	2		
^EXSC 640	Research in Athletic Training	2		
EXSC 645	Healthcare Administration in Athletic Training	2		
EXSC 655	Professional Topics in Athletic Training	2		
EXSC 670	Clinical Experience III	3	Coreqs EXSC 545, 570, 635, 645	
EXSC 675	Immersive Clinical Experience	6		
EXSC 678	Current Topics in Athletic Training	1		

49 graduate hours

108-112 total hours

^Satisfies advanced writing requirement

NAME: \_\_\_\_\_

**B.S./M.A.T: 5 Year Exercise Science/Master in Athletic Training Major (for students entering in Fall 2021/Spring 2022)**

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.

General Education		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: _____ ART 425 [3 hrs]	_____	EXSC 240 [3 hrs]
_____	FYEX 101 [3 hrs]	_____	EXSC 303 [3 hrs]
_____	FYEX 102 [1 hr]	_____	EXSC 320 [3 hrs]
_____	FYEX 103/104/105/106/107 [1 hr]	_____	EXSC 320L [1 hr]
_____	FYEX 103/104/105/106/107 [1 hr]	_____	EXSC 325 [3 hrs]
_____	Foundational Scientific Inquiry [3-4 hrs]	_____	EXSC 325L [1 hr]
_____	Foundational Quantitative Analysis [3-4 hrs]	_____	EXSC 331 [1 hr]
_____	Ethical/Spiritual Explor Lens (ETSP) [3 hrs]	_____	EXSC 338 [3 hrs]
_____	Aesthetic Expression Lens (AEXP) [3 hrs]	_____	EXSC 340 [3 hrs]
_____	Per & Soc Well Being Lens (PSWB) [3 hrs]	_____	BIOL 151 [4 hrs]
_____	Cultural Expression Lens (CEXP) [3 hrs]	_____	BIOL 152 [4 hrs]
_____	Experimental Inquiry Lens (EXIN) [3 hrs]	_____	BIOL 164/220 [4 hrs]
_____	INDS 401 [1 hr]	_____	MATH 115 [3 hrs]
_____	INDS 402 [1 hr]	_____	PHYS 152 [4 hrs]
_____	35 – 41 Total semester hours	_____	PSYC 101 [3 hrs]
_____	120 undergraduate semester hours required for graduation	_____	CHEM 105/107L [4 hrs]
		_____	CHEM 106/108L [4 hrs]
			OR
		_____	CHEM 131/133L [4 hrs]
		_____	CHEM 132/134L [4 hrs]
			OR
		_____	CHEM 161/163L [4 hrs]

**M.A.T Courses [49 hrs]**

- \_\_\_\_\_ EXSC 505 [3 hrs]
- \_\_\_\_\_ EXSC 506 [2 hrs]
- \_\_\_\_\_ EXSC 515 [2 hrs]
- \_\_\_\_\_ EXSC 535 [2 hrs]
- \_\_\_\_\_ EXSC 536 [3 hrs]
- \_\_\_\_\_ EXSC 540 [3 hrs]
- \_\_\_\_\_ EXSC 545 [3 hrs]
- \_\_\_\_\_ EXSC 550 [2 hrs]
- \_\_\_\_\_ EXSC 570 [3 hrs]
- \_\_\_\_\_ 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 678 [1 hr]

\*Enter NA (not applicable) if waived upon admission or if completing the honors program.

➤The following limits apply when counting hours applicable toward the 120 required for graduation: 4 hours of physical activity (EXSC) and 8 hours of MUSC 149.

NOTE: Students must apply for admission into the program. See catalog for formal admission requirements.

➤ 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.