

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;	Jr
			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 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

