

MSAT U2G Course Sequence

BS in ExSc (Pre-AT)	1 st YEAR	2 nd YEAR	3 rd YEAR
FALL	Exploring AT 1 sh AT:1010 (offered Fall only)	Nutrition & Health 3 sh HHP:2310	Biomechanics of Sport and Physical 3 sh HHP:2350
	General Chemistry I 3 sh CHEM:1070	Elementary Statistics and Inference 3 sh STAT:1020	Applied Exercise Physiology with Lab 4 sh HHP:3410
	Public Health 3 sh CPH:1400 (or 1600/1800)	Human Anatomy 3 sh HHP:2100	Sport & Exc Nutrition 3 sh HHP:4310
	Rhetoric 4 sh RHET:1030	Gen Ed 3 sh	World Lang 4-5 sh (If needed)
	Elementary Psychology 3 sh PSY:1001	World Language 4-5 sh (If needed)	Gen Ed 3 sh
	Success at Iowa 2 sh CSI:1600		APPLY TO THE MSAT (Using ATCAS) BY DECEMBER 1st
	16 sh	16-17 sh	17-18 sh
SPRING	General Chemistry II 3 sh CHEM:1080	Basic Physics w/lab 4 sh PHYS:1400	CPR/First Aid Healthcare Prof. 2 sh AT:1200 (offered spring only)
	Physical Activity & Health 3 sh HHP:2200	Fundamentals of Human Physiology 3sh HHP:2400	Exercise Testing and Prescription with Lab 4 sh HHP:4240
	Human Biology: Health Professionals 4 sh BIOL:1141	Physical Activity Psychology 3 sh HHP:3045	World Lang 4-5 sh (If needed)
	Gen Ed 3 sh	Gen Ed 3 sh	
	Gen Ed 3 sh	World Lang 4-5 sh (If needed)	
	16 sh	17-18 sh	10-11 sh
Summer		Med/Tech Term CLSA:3750:EXW 2 sh	Must have 98 s.h. completed before starting the Masters curriculum below
		Couns for Related Prof CSED:4199:EXW 3 sh	
		5 sh	

62 sh	1 st YEAR/4 th YEAR	2 nd YEAR/5 th YEAR
SUMMER	Advanced Anatomy for AT 4 sh AT:3060 ***Exercise Science major elective	Pathology and Assessment of Non-Orthopedic Conditions 3 sh AT:5000
	Foundations of AT Practice 3 sh AT:4000	Diagnostic Imaging and Lab Studies 1 sh AT:5075
	Medical Emergency Techniques 2 sh AT:4075 ***Exercise Science major elective	Pathophysiology and Pharmacology in Sports Medicine 2 sh AT:5200
	9 sh	6 sh
FALL	Clinical Experience I 3 sh AT:4125	Research in AT 2 sh (online) AT:6100
		Clinical Experience III 6 sh (online) AT:6125
	Orthopedic Pathology and Clinical Examination I 4 sh AT:4200	Administration and Leadership 2 sh (online) AT:6200
	Therapeutic Interventions 3 sh AT:4300	Seminar in AT 2 sh (online) AT:6400
	Rehabilitation Techniques 3 sh AT:4400	12 sh
	13 sh (BS in ExSci granted to U2G students)	
SPRING	Orthopedic Pathology and Clinical Examination II 4 sh AT:4250	Applied Research in AT 1 sh AT:6250
	Nutrition for AT 2 sh (1 st half) AT:4375	Advanced Topics in AT 1 sh (2 nd half) AT:6450
	Psychosocial recognition & referral 2 sh (2 nd half) AT 6300	Clinical Experience IV 5 sh AT:6525
	Applied Rehabilitation Concepts 3 sh AT:4450	EMT-B Certification (Optional)
	Clinical Experience II 4 sh AT:4525	
	15 sh	7 sh