

### MSAT U2G Course Sequence

BS in ExSc (Pre-AT)	1 <sup>st</sup> YEAR	2 <sup>nd</sup> YEAR	3 <sup>rd</sup> YEAR
FALL	Exploring AT <i>1 sh</i> AT:1010 (offered Fall only)	Nutrition & Health <i>3 sh</i> HHP:2310	Biomechanics of Sport and Physical <i>3 sh</i> HHP:2350
	General Chemistry I <i>3 sh</i> CHEM:1070	Elementary Statistics and Inference <i>3 sh</i> STAT:1020	Applied Exercise Physiology <i>3 sh</i> HHP:3400
	Public Health <i>3 sh</i> CPH:1400 (or1600/1800)	Human Anatomy <i>3 sh</i> HHP:1100	Sport & Exc Nutrition <i>3 sh</i> HHP:4310
	Rhetoric <i>4 sh</i> RHET:1030	Gen Ed <i>3 sh</i>	World Lang <i>4-5 sh</i>
	Elementary Psychology <i>3 sh</i> PSY:1001	World Language <i>4-5 sh</i>	Gen Ed <i>3 sh</i>
	Success at Iowa <i>2 sh</i> CSI:1600		<b>APPLY TO THE MSAT (Using ATCAS) BY DECEMBER 1<sup>st</sup></b>
	<b>16 sh</b>	<b>16-17 sh</b>	<b>16-17 sh</b>
SPRING	General Chemistry II <i>3 sh</i> CHEM:1080	Basic Physics w/lab <i>4 sh</i> PHYS:1400	CPR/First Aid Healthcare Prof. <i>2 sh</i> AT:1200 (offered spring only)
	Physical Activity & Health <i>3 sh</i> HHP:2200	Fundamentals of Human Physiology <i>3sh</i> HHP:1300	Metabolic Exercise Testing and Prescription <i>4 sh</i> HHP:4200
	Human Biology: Health Professionals <i>4 sh</i> BIOL:1141	Physical Activity Psychology <i>3 sh</i> HHP:3045	Musculoskeletal Exercise Testing and Prescription <i>4 sh</i> HHP:4210
	Gen Ed <i>3 sh</i>	Gen Ed <i>3 sh</i>	World Lang <i>4-5 sh</i>
	Gen Ed <i>3 sh</i>	World Lang <i>4-5 sh</i>	
	<b>16 sh</b>	<b>17-18 sh</b>	<b>14-15 sh</b>
Summer		Med/Tech Term CLSA:3750:EXW <i>2 sh</i>	See Masters curriculum below
		Couns for Related Prof CSED:4199:EXW <i>3 sh</i>	
		<b><i>5 sh</i></b>	

62 sh	1 <sup>st</sup> YEAR/4 <sup>th</sup> YEAR	2 <sup>nd</sup> YEAR/5 <sup>th</sup> YEAR
<b>SUMMER</b>	Advanced Anatomy for AT 4 sh AT:3060 *** <i>Exercise Science major elective</i>	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 *** <i>Exercise Science major elective</i>	Pathophysiology and Pharmacology in Sports Medicine 2 sh AT:5200
	9 sh	6 sh
<b>FALL</b>	Clinical Experience I 3 sh AT:4125	Research in AT 2 sh (online) AT:6100 (whole semester)
		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 (1 <sup>st</sup> half)
	Therapeutic Interventions 3 sh AT:4300	Seminar in AT 2 sh (online) AT:6400 2 <sup>nd</sup> half
	Rehabilitation Techniques 3 sh AT:4400	12 sh
	13 sh (BS in ExSci granted to U2G students)	
<b>SPRING</b>	Orthopedic Pathology and Clinical Examination II 4 sh AT:4250	Applied Research in AT 1 sh AT:6250
	Nutrition for AT 2 sh (1 <sup>st</sup> half) AT:4375	Advanced Topics in AT 1 sh (2 <sup>nd</sup> half) AT:6450
	Psychosocial recognition & referral 2 sh (2 <sup>nd</sup> 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