

Student:		<p align="center">Minimum 124 semester hours required for graduation 18 of the last 24 hours must be at Houghton Must have 30 hours at Houghton One half of major must be at Houghton <i>Must have C- or above in each course to meet Major, Concentration, or Minor credit</i> <i>Must have 62 liberal arts credits for BS degree</i></p>	
Major: Exercise Science: Graduate Track			
Minor:			
BS	Advisor:		
Exercise Science: Graduate Track (69-71 hrs)			
General Education (see GenEd Audit Sheet – several requirements may be met by required major courses)			
Prerequisites		8 hrs	
(4) BIOL 151 General Biology I	LA	(4) BIOL 152 General Biology II	LA
Half of credits listed below must be taken at Houghton			
Core Requirements		34 hrs	
(2) BIOL 210 Medical Terminology		(4) BIOL 347 Kinesiology	
(4) BIOL 217 Human Anatomy & Physiology I	LA	(2) BIOL 352 Pre-PT Field Experience I	
(4) BIOL 218 Human Anatomy & Physiology II	LA	(2) BIOL 353 Pre-PT Field Experience II	
(3) BIOL 275 Injury Evaluation & Management		(4) PSY 309 Statistics	LA
(3) BIOL 277 Therapeutic Exercise & Rehabilitation		(2) SRWM 308 First Aid & Safety	
(4) BIOL 345 Exercise Physiology			
Additional Requirements		15 hrs	
(4) CHEM 151 General Chemistry I	LA	(4) CHEM 152 General Chemistry II	LA
(4) BIOL 251 Genetics	LA	(1) STEM 371 Career Seminar	
(2) BIOL 482 Biology Senior Capstone	LA		
Electives (choose 6 hours of classes from the list below in consultation with your advisor)		6 hrs	
(3) CHEM 187 Introduction to Nutrition	LA	(3) PSY 230 Lifespan Development	LA
(3) PSY 111 Introduction to Psychology	LA	(3) PSY 305 Abnormal Psychology	LA
(3) PSY 213 Developmental Psychology	LA	(3) PSY 335 Drugs & Behavior	LA
(3) PSY 217 Adolescence & Emerging Adulthood	LA	(3) PSY 321 Adult Development & Aging	LA
Electives (choose 8 hours of classes from the list below in consultation with your advisor)		8 hrs	
(4) BIOL 242 Microbiology	LA	(4) BIOL 365 Immunology	LA
(4) BIOL 344 Muscle Biology in Health & Disease	LA	(4) BIOL 372 Advanced Vertebrate Physiology	LA
(4) BIOL 355 Introduction to Neurobiology	LA	(4) BIOL 380 Pathogenic Microbes	LA
Additional Electives (needed for some graduate programs – consult advisor)			
(4) MATH 181 Calculus I	LA	(4) PHYS 152 General Physics II	LA
(4) PHYS 151 General Physics I	LA		
Recommended Courses			
(2) BIOL 201 EMT Basic Course		(3) SOC 101 Introduction to Sociology	LA
(2) BIOL 232 Epidemiology	LA	(2) SRWM 295 ST: Personal Training	
(2) COMM 101 Presentational Speaking	LA	(2) SRWM 295 ST: Strength & Conditioning	
(3) PHIL 240 Medical Ethics	LA	(2) SRWM 315 Psychosocial Aspects of Sport	LA
(3) PSY 330 Conflict Management	LA		