

M.S. in Health and Sport Sciences Degree Advising Sheet

Concentration in Exercise and Sport Science

Name:	SID#:
Advisor:	Semester/Year Admitted:

I. Exercise and Sport Science Core Courses: 6 hours Grade Sem/Year

	Course	Credits	Description		
EDPR	7523	3	Applied Educational Research (Fall)		
EDPR	7541	3	Statistical Methods Applied to Education I (Fall)		

II. Exercise and Sport Science Concentration Courses: 15 hours Grade Sem/Year

	Course	Credits	Description		
EDPR	7542	3	Statistical Methods Applied to Education II (Spring)		
EXSS	7123	3	Mechanical Analysis of Motor Skills (Spring)		
EXSS	7163	3	Advanced Motor Learning (Spring)		
EXSS	7201	3	Physiology of Exercise: Musculoskeletal Aspects (Fall)		
EXSS	7202	3	Physiology of Exercise: Metabolic/Cardiorespiratory Aspects (Spring)		

III. Elective Courses: 9 hours (Choose from the following courses or other courses with approval of the advisor)

	Course	Credits	Description		
BIOL	6503	2	Biochemistry I Lab		
BIOL	6504	2	Biochemistry II Lab		
BIOL	6511	3	Biochemistry I		
BIOL	6512	3	Biochemistry II		
BIOL	6630	3	General Endocrinology		
BIOL	7010	3	Principles and Methods of Systematic Biology		
BIOL	7031	3	Cellular Physiology		
EDPR	7531	3	Computer as a Research Tool		
ENGL	7808/8808	3	Workshop: Scientific and Technical Writing		
EXSS	6406	3	Exercise Testing and ECG Interpretation		
EXSS	6603	3	Advanced Methods of Strength Conditioning		
EXSS	6902-11	3	Special Topics in Exercise and Sport Science		
EXSS	7152	3	Special Problems in Exercise and Sport Science		
EXSS	7173/8173	3	Exercise and Sport Psychology		
EXSS	7210/8210	3	Analysis of Muscle Function		
EXSS	7220/8220	3	Advanced Considerations of Skeletal Muscle Structure & Function		
EXSS	7230/8230	3	Exercise Endocrinology		
EXSS	7240/8240	3	Atherosclerosis and Cardiovascular Disease: Pathophysiology & Interventions		
EXSS	7250/8250	3	Motor Control: A Behavioral Emphasis		
EXSS	7532/8532	3	Research Methods in Sport Neuromechanics		
EXSS	7542/8542	3	Advanced Kinesiology		
EXSS	7800	3	Internship in Exercise and Sport Science		
EXSS	7902-11	3	Special Topics in Exercise and Sport Science		
HPRO	7732/8732	3	Randomized Clinical Trials in Health and Sport Science		
NUTR	7212	3	Applied Nutrition for Health		

IV. Culminating Experience: 6 hours

HMSE	7996	6	Thesis		
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Successful completion of an oral or written comprehensive examination required (Contact department for details)

A minimum of 36 hours is required for the major

