

M.S. in Human Movement Sciences Degree Advising Sheet

Concentration in Exercise and Sport Science

Name: _____ **SID#:** _____

Advisor: _____ **Semester/Year Admitted:** _____

I. Human Movement Sciences Core Courses: 6 hours Grade Sem/Year

Course	CRN	Credits	Description	Grade	Sem/Year
EDPR	7523	3	Applied Educational Research (Fall)		
EDPR	7541	3	Statistical Methods Applied to Education I (Fall)		

II. Exercise and Sport Science Concentration Courses: 18 hours Grade Sem/Year

Course	CRN	Credits	Description	Grade	Sem/Year
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	7173	3	Exercise and Sport Psychology (Fall)		
EXSS	7201	3	Physiology of Exercise: Musculoskeletal Aspects (Fall)		
EXSS	7202	3	Physiology of Exercise: Metabolic/Cardiorespiratory Aspects (Spring)		

III. Elective Courses: 6 hours (Choose from the following courses or other courses with approval of the advisor)

Course	CRN	Credits	Description	Grade	Sem/Year
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 Systemic Biology		
EDPR	7531	3	Computer as a Research Tool		
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	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	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		
HMSE	7183	3	Physical Fitness and Health		
HMSE	7403	3	Measurement and Evaluation in Human Movement Sciences		
HPRO	7722	3	Health Intervention Theories and Applications		
MMCS	7031	3	Cellular Physiology		
NUTR	7212	3	Applied Nutrition for Health		
PSYC	7208	3	Psychology of Perception		
PSYC	7211	3	Cognitive Processes		

IV. Culminating Experience: 6 hours

HMSE	7996	6	Thesis	Grade	Sem/Year
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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 concentration

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The Department of Health and Sport Sciences: The University of Memphis