



**M.S. DEGREE
 IN
 EXERCISE PHYSIOLOGY
 MAJOR IN
 EXERCISE PHYSIOLOGY**

The major in **exercise physiology** includes both thesis and coursework-only options. It is expected that the student will either show evidence of having had experiences in anatomy, physiology, chemistry, and exercise physiology or will treat these as deficiencies, rectifying them prior to studying related advanced courses. Students are required to earn three (3) graduate credit hours in the Department or College of Health and Human Sciences that count toward the degree prior to graduation by attendance in one or more summer semesters.

CORE **13-14 CREDIT HOURS**

HUN 5802 and HUN 5802L	Research Design and Methodology (f) Research Design and Methodology Laboratory (f)	2 1
<i>Or</i>		
CHD 5915	Methods of Research I	4
APK 5111C	Advanced Exercise Physiology (f, sp)	3
PET 5367	Nutrition and Exercise Performance (f)	3
PET 5553	Cardiorespiratory and Anthropometric Evaluation (sp)	3
PET 5930	Seminar in Movement Sciences (f, sp)	1

ONE OF THE FOLLOWING STATISTIC COURSES **4 CREDIT HOURS**

EDF 5400	Basic Descriptive & Inferential Statistics App	4
FAD 5700	Applied Research in CHS	4

THREE COURSES FROM THE FOLLOWING **min 9 CREDIT HOURS**

PET 5054C	Motor Skill Learning	3
PET 5077	Physical Dimensions of Aging	4
PET 5216	Applied Sport and Exercise Psychology	3
PET 5389	Strength Program Development	3
PET 5751	Sports Fitness Testing	3
PET 6317	Skeletal Muscle Structure and Function	4
PET 6365	Exercise and the Cardiorespiratory System	4
PET 6386	Environmental Aspects of Exercise	3
PET 6387	Endocrinology in Health and Exercise	3
PET 6388	Exercise and Disease	3

THESIS OPTION* **min 6 CREDIT HOURS**

HUN 5971	Thesis (S/U)	6
HUN 8976	Thesis Defense (P/F)	0

COURSEWORK-ONLY OPTION** **9 CREDIT HOURS**

APK 8945	Exercise Physiology Internship (S/U) ***	9
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* Thesis option requires a minimum of 32 total credit hours, 18 of which must be letter-grade.

** Coursework-only option requires a minimum of 35 total credit hours, 21 of which must be letter-grade.

***For satisfactory completion of internships, students must achieve a score of 70% or higher.