



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

The **sports sciences** major is a coursework-only option, requiring 32 credit hours. It is expected that the student will either show evidence of having had experiences in anatomy, physiology, chemistry, nutrition, 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 terms.

CORE **29 CREDIT HOURS**

APK 5111C	Advanced Exercise Physiology (f, sp)	3
PET 5367	Nutrition and Exercise Performance (f)	3
PET 5389	Strength Program Development (f)	3
PET 5930	Seminar in Movement Sciences (f, sp)	1
FAD 5700	Applied Research in CHS (su)	4
PET 5751	Sports Testing (sp)	3
PET 6931	Advanced Topics: Strength & Power Training for Performance (f)	3
PET 6931	Advanced Topics: Special Topics in Sports Sciences (sp)	3
PET 5945*	Sports Sciences Practicum (2 x 3 hours each)**	6

ONE OF THE FOLLOWING ELECTIVES **3-4 CREDIT HOURS**

HUN 5906	Directed Individual Study (topics vary) (S/U)	3
HUN 5938	Spec Tpcs Nutrition: Nutrition Supplements and Exercise (sp)	3
PET 5077	Physical Dimensions of Aging (sp)	4
PET 5412	Professional Practices	3
PET 5553	Cardiorespiratory and Anthropometric Evaluation (sp)	3
PET 6365	Exercise and the Cardiorespiratory System (sp)	3
PET 6386	Environmental Aspects of Exercise (f)	3
PET 6387	Endocrinology in Health and Exercise (sp)	3
PET 6388	Exercise and Disease (f)	3
PET 6317	Skeletal Muscle Structure and Function (f)	4

*Students may either be denied a field placement or removed from a placement on the basis of the academic judgement of the program director. Placement in most Sports Sciences related practicum requires obtaining the Certified Strength and Conditioning Specialist (CSCS) certification through the National Strength and conditioning Association (NSCA) prior to the start of the practicum. First year coursework will prepare students for the CSCS exam.

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