FLORIDA STATE UNIVERSITY
COLLEGE OF EDUCATION,
HEALTH, AND HUMAN SCIENCES
Department of Health, Nutrition, and Food Sciences

M.S. DEGREE IN EXERCISE PHYSIOLOGY
MAJOR IN SPORTS SCIENCE

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 before studying related advanced courses. Students are required to earn three (3) graduate credit hours in the Department or CEHHS that count toward the degree before graduation by attendance in one or more summer semesters.

CORE		**29 CREDIT HOURS**
APK 5111C	Advanced Exercise Physiology	3
PET 5367	Nutrition and Exercise Performance	3
PET 5389	Strength Program Development	3
PET 5930	Seminar in Movement Sciences	1
FAD 5700	Applied Research in Human Sciences (HS)	4
PET 5751	Sports Testing	3
PET 6931	Advanced Topics: Strength & Power Training for Performance	3
PET 6931	Advanced Topics: Special Topics in Sports Sciences	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
APK5166	Supplements in Exercise	3
PET 5054C	Motor Skill Learning	3
PET 5077	Physical Dimensions of Aging	4
PET 5216	Applied Sport and Exercise Psychology	3
PET 5235	Motor Learning for Coaches	3
PET 5412	Professional Practices	3
PET 5466	Programming for Non-Majors	3
PET 5553	Cardiorespiratory and Anthropometric Evaluation	3
PET 5769	Theory and Practice of Athletic Coaching	3
PET 6317	Skeletal Muscle Structure and Function	4
PET 6365	Exercise and the Cardiorespiratory System	3
PET 6386	Environmental Aspects of Exercise	3
PET 6387	Endocrinology in Health and Exercise	3
PET 6388	Exercise and Disease	3

The above elective courses are suggested; however, this course requirement can be decided by the Sports Sciences Coordinator.

*Students may either be denied a field placement or removed from a placement based on the academic judgment 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) before the start of the practicum. The first-year coursework will prepare students for the CSCS exam.

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