

Projected Program of Study



Master of Science in Sports Sciences Specializations in Strength & Conditioning and Biomechanics & Exercise Physiology



Course Number and Name	Credits
Core Classes: (18 credits)	
EDER 761 Graduate Research and Design	3
PE 781 Sport Analytics	3
PE 773 Sport Leadership	3
PE 582 Theory of Strength and Conditioning	3
PE 752 Analysis and Mechanical Principles of Sport Skills	3
PE 753 Applied Sport Physiology	3

Choose Specialization (Biomechanics & Exercise Physiology or Strength & Conditioning)

Biomechanics & Exercise Physiology (9 credits)	
PE 550 Clinical Exercise Physiology	3
PE 563 Neuromuscular Exercise Physiology	3
PE 564 Advanced Biomechanics Lab Techniques	3

Strength & Conditioning (Choose 12 credits) <i>Prerequisite courses: PE250/205L Human Anatomy & Physiology and PE 400/500 Exercise Test & Prescription. Students may take Biology Anatomy and Physiology I (BIOL 220/L) in place of the PE 250/L</i>	
HLTH 522 Nutrition	3
PE 510 Program Design for Strength & Conditioning	3
PE 740 Organization and Administration of Athletics	3
PE 754 Applied Sport Psychology of Effective Coaching	3

Capstone (3-6 Credits)	
PE 794 Internship 1-6 Credits OR	
PE 798 Thesis 1-6 credits	
<ul style="list-style-type: none"> - 3 credits of either internship or thesis required for Biomechanics & Exercise Physiology specialization - 6 credits of internship at two different placements required for Strength & Conditioning Specialization due to CASCE accreditation 	
TOTAL CREDITS: 30-36 Minimum credits 30	

Final Culminating Experience: Completion of a literature review paper and an oral presentation of capstone project.

*****Transfer credit can only be requested within the student's first term of enrollment.**

Modification and general direction of course work following the candidacy review are the responsibility of the student with approval of the graduate committee chairperson and the director of graduate studies. Any modification of the program of study must be approved by the director of graduate studies.