

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

The major in **sports sciences** includes both thesis and non-thesis options. 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 hours prior to graduation by attendance in at least one summer term in the Department or the College of Human Sciences and courses must count toward the degree.

CORE **16-17 CREDIT HOURS**

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|-----------|--|---|
| HUN 5802 | Research Design and Methodology (F) | 2 |
| HUN 5802L | Research Design and Methodology Laboratory (F) | 1 |
| Or | | |
| CHD 5915 | Methods of Research I (F) | 4 |
| APK 5111C | Advanced Exercise Physiology (F) | 3 |
| PET 5367 | Nutrition and Exercise Performance (F) | 3 |
| PET 5930 | Seminar (F, Sp, Su) | 1 |
| PET 5412 | Professional Practices (Su) | 3 |
| PET 5389 | Strength Program Development (F) | 3 |

ONE OF THE FOLLOWING STATISTIC COURSES **3-4 CREDIT HOURS**

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| EDF 5400 | Basic Descriptive & Inferential Statistics App (F, Sp, Su) | 4 |
| STA 5126 | Introduction to Applied Statistics (F, Sp, Su) | 3 |
| FAD5700 | Applied Research in CHS (Sp) | 4 |

TWO (THESIS) OR ONE (NON-THESIS) FROM THE FOLLOWING **CREDIT HOURS**

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| HUN 5906 | Directed Individual Study (F, Sp, Su) | 3 |
| PET 5077 | Physical Dimensions of Aging (Sp) | 4 |
| PET 5216 | Applied Sport and Exercise Psychology (Sp) | 3 |
| PET 5653 | Cardiovascular Program Development (Sp) | 3 |
| PET 5751 | Sports Testing (Sp) | 3 |
| PET 6317 | Skeletal Muscle Structure and Function (F) | 4 |
| PET 6365 | Exercise and the Cardiorespiratory System (Sp) | 3 |
| PET 6387 | Endocrinology in Health & Exercise (Sp) | 3 |
| PET 6388 | Exercise and Disease (F) | 3 |
| PET 6931 | Advanced Topics | 3 |

THESIS OPTION*

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|----------|----------------------|---|
| HUN 5971 | Thesis (F, Sp, Su) | 6 |
| HUN 8976 | Thesis Defense (P/F) | 0 |

NON-THESIS OPTION**

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| PET 5945 | Sports Sciences Practicum (F, Sp, F, Sp; 4 x 3 hrs each) | 12 |
| HUN 8966 | Comprehensive Examination (P/F) | 0 |

* Thesis option requires a minimum of 31 total credit hours.

** Non-Thesis option requires a minimum of 34 total credit hours.