



**Ph.D. DEGREE
IN
EXERCISE PHYSIOLOGY**

Students are required to earn six (6) graduate credit hours in the Department or the College of Health and Human Sciences that count toward the degree prior to graduation by attendance in one or more summer terms.

| CORE | | 17 CREDIT HOURS |
|--------------------------|--|------------------------|
| PET 6931 and PET 6931 | Advanced Topics: Human Physiology I Advanced Topics: Human Physiology II (taken in conjunction) | 3 3 |
| HOE 6366 | Research Best Practices in Human Sciences | 2 |
| HUN 6911 | Supervised Research | 3 |
| PET 6930 | Seminar in Movement Sciences (3 x 1 credit per semester) | 3 |
| PET 6931 | Advanced Topics: Cell and Molecular Biology | 3 |

| FOUR COURSES FROM THE FOLLOWING | | min 12 CREDIT HOURS |
|--|---|----------------------------|
| HUN 5242 | Carbohydrates, Fats and Proteins | 3 |
| HUN 5243 | Vitamins and Minerals | 3 |
| HUN 6780 | Nutrigenomics and Epigenetics | 3 |
| HUN 6906 | Directed Individual Study (topics vary) | 3 |
| HUN 6940 | Supervised Teaching | 1-3 |
| PET 5077 | Physical Dimensions of Aging | 4 |
| PET 5367 | Nutrition and Exercise Performance | 3 |
| PET 5553 | Cardiorespiratory and Anthropometric Evaluation | 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 |

| STATISTICS | | min 3 CREDIT HOURS |
|-------------------|-------------------------|---------------------------|
| FAD 5700 | Applied Research in CHS | 4 |
| EDF 5402 | Analysis of Variance | 3 |

One from the above is suggested; however, statistics course requirement can be decided by the student's committee.

| DISSERTATION | | min 24 CREDIT HOURS |
|---------------------|----------------------------------|----------------------------|
| HUN 8964 | Preliminary Doctoral Examination | 0 |
| HUN 6980 | Dissertation | 24 |
| HUN 8985 | Dissertation Defense | 0 |

This degree requires a minimum of 56 credit hours.