

## **Elective List (to replace field experience: practicum or internship)**

AT 2005 - Concepts in Athletic Training (3)  
AT 2340 - Standardized Patients in Healthcare (3)  
E S 2700 - Psychological Aspects of Sport and Exercise Science (3)  
E S 3350 - Introduction to Motor Behavior (3)  
E S 3500 - Independent Study (1-4)  
E S 3600 - Introduction to Interprofessional Health Care (1)  
E S 3650 - Advanced Human Anatomy (3)  
E S 3700 - Professional Development in Exercise Science (1)  
E S 4000 - Strength and Conditioning Theory and Practice (3)  
E S 4010 - Application of Strength and Conditioning Principles (3)  
E S 4100 - Advanced Topics in Exercise Science (3)  
E S 4200 - Exercise for Special Populations (3)  
E S 4300 - Environmental Physiology (3)  
E S 4555 - Nutritional Aspects of Exercise and Sports (3)  
E S 4620 - Cardiovascular Physiology (3)  
E S 4625 - Concepts of Clinical Exercise Testing (3)  
E S 4645 - Cardiopulmonary Pathophysiology and Rehabilitation (3)  
PH 2000 - Introduction to Public Health (3)  
PH 2200 - Chronic and Infectious Disease (3)  
PH 3100 - Emergency Care and CPR (3)  
PH 3250 - Community Health (3)  
PH 3700 - Foundations in Health Behavior (3)  
PH 4000 - Physical Activity in Public Health (3)  
PH 4400 - Obesity Prevention (3)

BIO 2400 - Genetics (3)  
BIO 2700 - Human Genetics (3)  
BIO 2410 - Genetics Laboratory (1)  
BIO 2600 - Cell Biology (3)  
BIO 2610 - Cell Biology Laboratory (1)  
BIO 3301 - Human Systems Physiology (4)  
BIO 3308 - Microbiology (4)  
BIO 3800 - Molecular Biology (4)  
BIO 4563 - Biology of Aging (3)  
BIO 4568 - Immunology (4)  
CHE 2101 - Fundamentals of Organic Chemistry (3)  
CHE 2102 - Fundamentals of Organic Chemistry Laboratory (1)  
CHE 2201 - Organic Chemistry I (3)  
CHE 2202 - Organic Chemistry II (3)  
CHE 2203 - Organic Chemistry Laboratory I (1)  
CHE 2204 - Organic Chemistry Laboratory II (1)  
CHE 4580 - Biochemistry I (3)  
CHE 4581 - Biochemistry I Laboratory (1)

Updated 9/27/22

CHE 4600 - Fundamentals of Biochemistry w/lab (4)  
HCM 2110 - Introduction to Health System Organization (3)  
HPE 3010 - Coaching Principles (3)  
HPE 3030 - Sport-Specific Coaching (3)  
HPE 3040 - Principles of Fitness and Conditioning (3)  
NUT 2201 - Foods and Nutrition for Children (3)  
NUT 2351 - Global Nutrition: Emerging Health Challenges (3)  
NUT 3205 - Nutrition and the Life Cycle (3)  
NUT 4552 - Medical Terminology/Records (1)  
NUT 4553 - Medical Language for Health Professionals (3)  
PHL 3015 - Medical Ethics (3)  
PSY 2210 - Psychology of Human Growth and Development (3)  
PSY 2212 - Abnormal Psychology (3)  
PSY 2700 - Behavior Change (3)  
PSY 3216 - Biological Psychology (3)  
PSY 3653 - Health Psychology (3)  
PSY 4562 - Psychology of Adulthood and Aging (3)  
RM 3235 - Introduction to Sport Management (3)  
SOC 2600 - Medical Sociology (3)  
SOC 2700 - Sociology of Sport (3)  
SOC 3100 - Gerontology (3)