

# Applied Exercise Science/Health and Fitness

## Concentration Electives

The Health and Fitness/Applied Exercise Science Major requires that students select a concentration track (Clinical or Management) to pursue and complete 15 credit hours of elective coursework in their chosen track.

The Health and Fitness department maintain a list of currently approved Health and Fitness concentration electives. Please note: **This list is subject to change.**

If a course does not appear on the list, students may meet with the department chair and/or their Kinesiology Academic Advisor to discuss the course's relevance to their program of study and future career goals. Students may petition a course to count for concentration credit.

### **Management Track**

AES/HF 403 - Additional Internship beyond graduation requirements  
AES/HF 313 - Health and Fitness Analytics  
HF/SM 333 - Legal & Ethical Issues in Sport  
AES/HF 416 - Environmental and Policy Approaches to Increasing Physical Activity (3 credits)  
AES/MVS/HF 446 - The Role of Social Factors in Shaping Physical Activity Behavior (3 credits)  
SM 238 - Introduction to Accounting and Finance (3 credits)  
SM 246 - Principles of Marketing (3 credits)  
SM 332 - Organizational Behavior (3 credits)  
SM 432 - Human Resource Management (3 credits)  
SM 433 - Sport and Public Policy (3 credits)  
SM 435 - Sport and the Consumer (3 credits)  
SM 439 - Sponsorship-Linked Marketing (3 credits)  
SM 444 - Sales Management in the Sport Industry (3 credits)

### **Clinical Track**

AT 115 - Prevention and Care of Athletic Injuries (3 credits)  
AT 326 - Fundamentals of Strength and Conditioning (3 credits)  
AT 420 - Pharmacology for the Allied Health Professions (2 credits)  
AES/HF 240 - Introduction to Health & Fitness  
AES/MVS/HF 241 - Exercise, Nutrition, and Weight Control  
AES/HF 313 - Methods of Group Exercise Instruction (3 credits)  
AES/HF 416 - Environmental and Policy Approaches to Increasing Physical Activity (3 credits)  
AES/MVS/HF 446 - The Role of Social Factors in Shaping Physical Activity Behavior (3 credits)  
MVS 413 - Special Topics in Movement Science (1-4 credits)  
MVS 421 - Disorders of Voluntary Movement (3 credits)  
MVS 422 - Motor Learning (3 credits)  
MVS 423 - Sensorimotor Development (3 credits)  
MVS 424 - Aging and Motor Performance (3 credits)  
MVS 425 - Physical Activity and Pediatric Disabilities (3 credits)  
MVS 431 - Clinical Gait Analysis (3 credits)  
MVS 437 - Motion Capture and Animation for Biomechanics (3 credits)  
MVS 448 - Cardiovascular Exercise Physiology (3 credits)  
SM 246 - Principles of Marketing (3 credits)  
AES/HF 403 - Additional Internship beyond graduation requirements