The Applied Exercise Science Major (or Health & Fitness for students matriculating in 2018) 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 Applied Exercise Science department maintains a list of currently approved 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 403 - Additional Internship beyond graduation requirements  
AES 313 - Health and Fitness Analytics  
AES/SM 333 - Legal & Ethical Issues in Sport  
*AES 416 - Environmental and Policy Approaches to Increasing Physical Activity  
*AES/MVS 446 - The Role of Social Factors in Shaping Physical Activity Behavior  
SM 238 - Introduction to Accounting  
SM 239 – Introduction to Finance  
SM 246 - Principles of Marketing  
SM 332 - Organizational Behavior  
SM 432 - Human Resource Management  
SM 433 - Sport and Public Policy  
SM 435 - Sport and the Consumer  
SM 439 - Sponsorship-Linked Marketing  
SM 444 - Sales Management in the Sport Industry (requires SM 246)

**Clinical Track**

AT 115 - Prevention and Care of Athletic Injuries  
AT/PHYSED 326 - Fundamentals of Strength and Conditioning  
AT 420 - Pharmacology for the Allied Health Professions  
AES 240 – Principles for Physical Activity and Wellness  
AES/MVS 241 - Exercise, Nutrition, and Weight Control  
AES 313 - Methods of Group Exercise Instruction  
AES 313 – Des & Eval Physical Activity Intervention  
*AES 416 - Environmental and Policy Approaches to Increasing Physical Activity  
*AES/MVS 446 - The Role of Social Factors in Shaping Physical Activity Behavior  
MVS 421 - Disorders of Voluntary Movement  
MVS 422 - Motor Learning  
MVS 423 - Sensorimotor Development  
MVS 424 - Aging and Motor Performance  
AES/MVS 425 - Physical Activity and Pediatric Disabilities  
MVS 431 - Clinical Gait Analysis  
MVS 437 - Motion Capture and Animation for Biomechanics  
MVS 448 - Cardiovascular Exercise Physiology  
MVS 477 – The Science of Medicine  
SM 246 - Principles of Marketing  
*AES 403 - Additional Internship beyond graduation requirements

*May only be used as a concentration elective if it is not used to fulfill the major requirement.