

Applied Exercise Science Concentration Electives

The 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. 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. **Students may petition a course to count for concentration credit.**

Management Track

*AES 403 - Additional Internship beyond graduation requirements
AES 313 – Qualitative Research Methods
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 437- Psychology of Sport & Exercise
SM 439 - Sponsorship-Linked Marketing
SM 444 - Sales Management in the Sport Industry (requires SM 246)

Clinical Track

AT 501- Prevention and Care of Athletic Injuries (Summer only)
AT 525 - Fundamentals of Strength and Conditioning (Winter only)
AT 523 - Pathophysiology and Related Pharmacology (Winter only)
AES 240 – Principles for Physical Activity and Wellness
AES/MVS 241 - Exercise, Nutrition, and Weight Control
AES 313 – Qualitative Research Methods
AES 313 - Methods of Group Exercise Instruction
*AES 313 – Des & Eval Physical Activity Intervention
AES 313 – Emotional Intelligence
*AES 416 - Environmental and Policy Approaches to Increasing Physical Activity
*AES/MVS 446 - The Role of Social Factors in Shaping Physical Activity Behavior
*AES 451 – Physical Activity Across the Lifespan
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
PHYSED 255 – Health Education for the Elementary Teacher
PHYSED 336 – K12 Rhythm and Dance
SM 246 - Principles of Marketing
SM 437 – Psychology of Sport and Exercise
*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.
Last Updated: November 1, 2021