

	Basic Care and Prevention Principles in AT	Introduction to EX-SC	Anatomy and Phys1	Functional Kinesiology	Exercise Physiology	Exercise Physiology Lab	Research Methods in Exercise Science	Statistics in Exercise Science	Biochemical Basis of Movement	Biochemical Basis of Movement Lab	Designing Resistance Training Programs	Exercise Testing and Prescription	Exercise Testing and Prescription Lab	Sport Nutrition and Weight Control	Applied Physical Performance	Pro Health in Aging Pop	Motor Development and Skill Learning	Applied Motor Learning in Ex-Sc	Physiological Basis of Strength Development	Exercise Testing for Special Populations	Exercise Science Practicum	EGS Interpretation and GGT	Cardiac Electrophysiology	Senior Capstone Experience in ES	Applied Resistance Training and Conditioning
	ATR 2000	APK 2000	2105	ATR 3132	APK 3110	APK 3110L	APK 4901	APK 5702	APK 3220	APK 3220L	PET 3556C	APK 4325	APK 4325L	APK 4163	APK 4600C	APK 5601	APK 4200	APK 5204	APK 4114C	APK 4119	APK 4944	APK 4234C	APK 6172C	APK 4941C	APK 4610C
Content																									
SLO 1 - Identify and apply concepts and principles of exercise testing and prescription	I	I		I	I	I			R	R	I	IRM	IRM				IR			IRM	IRM	IRM		RM	
SLO 2 - Identify professional opportunities for career development within the health and fitness field	I	I		I	I	I			R			I	I	IR			I			IR	RM	RM	M	RM	
SLO 1 (G) - Evaluate and apply concepts and principles related to Exercise Science for implication in human development and performance.								R								RM		R					R		
Critical Thinking																									
SLO 1 - Assess and prescribe exercise programs to improve performance and health					I	IR	IR			R	I	RM	RM							RM	RM	RM		RM	RM
SLO 2 - Design and conduct research to explore exercise						I		RM									I			R	IR	IR			
SLO 1(G) - Design and conduct original research to solve problems related to Exercise Science																		RM							
SLO 2 (G) Critically evaluate research related to Exercise																			R				R		
Communication																									
SLO 1 - Create and deliver effective oral presentations					I		ES Departmental Presentation Grading Rubric.pdf			R - (2) group and (1) individual presentation required ES Departmental Presentation Grading Rubric.pdf							R	M		ES Departmental Presentation Grading Rubric.pdf	ES Departmental Presentation Grading Rubric.pdf			ES Departmental Presentation Grading Rubric.pdf	
SLO 2 - Demonstrate professional writing skills within the field of Exercise Science					I					R - (2) group and (1) individual paper required Research Paper Rubric.pdf		R										R			
SLO 1(G) - Present ideas clearly, effectively, and elegantly in written and oral communications relevant in Exercise Science																		RM							
Integrity						IR			R	R - NIH Protectin s Human Participants Certification Required	IR	R	R				R			IR	R	RM	M	RM	
SLO 1 (G) - Articulate and practice relevant professional ethical standards for exercise science professionals in clinical settings and while performing scholarly activities.																RM		RM					RM		
Project Management																									
SLO 1 - Collaborate effectively within the time constraints with peers, faculty and community agencies when designing, implementing, and assessing exercise performance and programs.					IR	IR	IR							IR						IR	IR	R		R	RM
SLO 2 - Participate in HIP experiences throughout their Exercise Science curriculum experience	I	I	I	I	I				R			R	R	IR	RM				R	R		R	M	M	M
SLO 1 (G) - Create a proposal for and make at least one public presentation of an academic paper or teaching practice before an audience of scholars and peers prior to completion of the degree																		RM					R		

Approved April 2024