

| | Basic Care and Prevention Principles in AT | Introduction to EX SC | Anatomy and Phys I and II | Functional Kinesiology | Exercise Physiology | Exercise Physiology Lab | Research Methods in Exercise Science | Biomechanical Basis of Movement | Biomechanical Basis of Movement Lab | Designing Resistance Training Programs | Exercise Testing and Prescription | Exercise Testing and Prescription Lab | Sport Nutrition and Weight Control | Aging and Physical Performance | Motor Development and Skill Learning | Physiological Basis of Strength Development | Exercise Testing for Special Populations | Exercise Science Practicum | ECG Interpretation and GXT | Senior Capstone Experience in ES | Applied Resistance Training and Conditioning | |
|---|--|-----------------------|---------------------------|------------------------|---------------------|-------------------------|---|---------------------------------|--|--|-----------------------------------|---------------------------------------|---|--------------------------------|--------------------------------------|---|---|----------------------------|----------------------------|----------------------------------|---|----|
| | ATR 2000 | APK 2000 | APK 2100, 2105 | ATR 3132 | APK 3110 | APK 3110L | APK 4901 | APK 3220 | APK 3220L | PET 3556C | APK 4125 | APK 4125L | APK 4163 | APK 4600C | APK 4200 | APK 4114C | APK 4119 | APK 4944 | APK 4234C | APK 4941C | APK 4XX-1 | |
| 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 | | | R | | | I | I | IR | | I | IR | RM | | | RM | RM | |
| Critical Thinking | | | | | | | | | | | | | | | | | | | | | | |
| SLO 1 - Assess and prescribe exercise programs to improve performance and health | | | | | I | IR | IR | | R | I | RM | RM | | | | | | | | | | |
| SLO 2 - Design and conduct research to explore exercise performance of apparently healthy and special | | | | | | | I | | I | | | | I | | | IR | IR | | | IR | | |
| 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 | | | | ES Departmental Presentation Grading Rubric.pdf | | | 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 | | | R | | |
| Integrity | | | | | | | | | | | | | | | | | | | | | | |
| SLO 1 - Adhere and apply professional ethical standards regarding exercise testing and prescription in various settings (internship, classroom, and laboratory) | I | | I | | | IR | IR | R | R - NIH Protecting Human Participants Certification Required | IR | R | R | | | R | IR | R | | | RM | RM | |
| Project Management | | | | | IR | | | | | | | | | | | | | | | | | |
| 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 | | | | R | | | R | R | | | | R | R | | | R | M | M |