

# **HEALTH, EXERCISE SCI & RECREATION MGMT**

Overview

**Academics & Admissions** 

**Programs** 

**Minors** 

Courses

**Faculty** 

### Courses

- EL 100: Wilderness Living Techniques
- EL 103: Ropes Courses and Climbing Basics
- EL 105: Self Defense Activities
- EL 111: Cycling
- EL 117: Volleyball
- EL 118: Beginning Fencing
- EL 119: Archery
- EL 120: Intro to Lifetime Leisure Activities
- EL 124: Racquetball
- EL 129: Body Contouring and Conditioning
- EL 132: Canoeing
- EL 133: Backpacking
- EL 134: Kayaking
- EL 137: Bowling
- EL 139: Golf
- EL 142: Open Water Scuba Diving
- EL 147: Tennis
- EL 148: Introduction to Pickleball
- EL 149: Introduction to Pickleball and Tennis
- EL 151: Weight Lifting
- EL 153: Sports Conditioning
- EL 154: Coaching Soccer
- EL 155: Walking I
- EL 156: Jogging
- EL 158: Low Impact Aerobics
- EL 159: High Impact Aerobics
- EL 169: Aqua Exercise
- EL 170: Beginning Swimming
- EL 171: Intermediate Swimming
- EL 172: Advanced Swimming
- EL 173: Lifeguarding
- EL 174: Water Safety Instructor
- EL 175: Lifeguarding Instructor
- EL 200: Teaching Techniques for Land-Based Adven
- EL 217: Advanced Volleyball
- EL 218: Advanced Fencing
- EL 219: Advanced Archery
- EL 224: Advanced Racquetball
- EL 229: Advanced Body Contouring & Conditioning
- EL 231: Teaching Techniques for Small Craft
- EL 233: Sports Officiating I
- EL 234: Sports Officiating II
- EL 237: Advanced Bowling
- EL 239: Advanced Golf
- EL 242: Advanced Open Water Scuba Diving
- EL 247: Advanced Tennis
- EL 251: Advanced Weight Lifting
- EL 253: Advanced Sports Conditioning

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- EL 255: Coaching Tennis
- EL 269: Advanced Aqua Exercise
- EL 342: Master Diver
- EL 352: Coaching Football
- EL 353: Advanced Sports Conditioning
- EL 354: Coaching Basketball
- EL 355: Coaching Baseball-Softball
- EL 357: Coaching Volleyball
- EL 359: Coaching Track and Field
- EL 442: <u>Dive Supervisor</u>
- EL 453: Advanced Sports Conditioning
- ES 100: Introduction to Exercise Science
- ES 104: Sports in the Ancient World
- ES 200: Principles of Personal Training
- ES 319: Sport and Society
- ES 338: Motor Learning and Control
- ES 344: Aging in the 21st Century
- ES 346: Kinesiology
- ES 347: Kinesiology Lab
- ES 348: Physiology of Exercise
- ES 349: Physiology of Exercise Laboratory
- ES 350: Research Methods in HESRM
- ES 351: Measurement & Statistics in Exercise Sci
- ES 391: Trends & Topics in Exercise Science
- ES 394: Therapeutic Exercise and Fitness
- ES 396: Allied Health Terminology
- ES 402: Exercise Leadership
- ES 440: Behavioral Aspects of Exercise
- ES 446: Biomechanics of Human Movement
- ES 447: Biomechanics Laboratory
- ES 456: Exercise Testing & Prescription
- ES 457: Exercise Testing & Prescription Lab
- ES 471: Mgmt. of Health, Fitness and Sport Progr
- ES 473: Practicum
- ES 490: Independent Study
- ES 493: Internship
- ES 503: Data Analytics and Methodologies
- ES 511: Applied Statistics
- ES 512: Foundations of Biomechanics
- ES 514: Applied Electromyography
- ES 515: Stress and the Brain
- ES 542: Sports Psychology
- ES 544: The American Woman in Sports
- ES 548: Biomechanics of Injury
- ES 574: Selected Problems in Special Populations
- ES 603: Data Analytics Methodologies
- ES 606: Ethics and Human Subjects Research
- ES 608: Methods & Procedures of Graded Exercise
- ES 609: Motor Behavior
- ES 610: Internship in Exercise Science
- ES 611: Exercise Physiology I
- ES 612: Instrumentation & Analysis in Biomechani
- ES 613: Health Aspects of Physical Activity
- ES 614: Cardiovascular Physiology
- ES 615: Physiological Aspects of Aging
- ES 616: Exercise Physiology II
- ES 618: Advanced Muscle Physiology
- ES 620: Selected Topics in Exercise Science
- ES 625: Research Design and Evaluation

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- ES 626: Statistical Analysis I
- ES 632: Advanced Structural Kinesiology
- ES 644: Control of Human Voluntary Movement
- ES 650: Seminar In Exercise Science
- ES 651: Advanced Individual Study
- ES 652: Advanced Individual Study
- ES 653: Independent Research
- ES 655: Problems in PE/Health Education
- ES 697: Thesis
- ES 750: Advanced Seminar in Exercise Science
- Espr 797: Dissertation
- HK 606: Ethics and Human Subjects Research
- HK 710: Meta-Analysis
- HK 711: Measurement Theory and Practice
- HK 751: Advanced Independent Study
- HK 752: Advanced Independent Study
- HP 191: Personal and Community Health
- HP 203: First Aid and CPR
- HP 303: Prevention & Care of Athletic Injuries
- HP 312: Behavioral Aspects of Weight Mgmt
- HP 403: Advanced Athletic Training
- HP 503: Data Analytics and Methodologies
- HP 506: Current Topics
- HP 600: Foundations of Health Promotion
- HP 603: Data Analytics Methodologies
- HP 605: Health Promotion Planning
- HP 615: Personal Health Promotion
- HP 625: Research Design and Evaluation
- HP 626: Statistical Analysis I
- HP 627: Internship in Health Promotion
- HP 635: Theories in Health Promotion
- HP 645: Organization & Admin. of Health Promotio
- HP 646: Introduction to Epidemiology
- HP 651: Advanced Independent Study
- HP 652: Advanced Individual Study
- HP 653: Independent Research
- HP 665: Special Topics in Health Behavior
- HP 675: Advanced Theoretical Appl HIth Behavior
- HP 685: Program Evaluation in Health Behavior
- HP 695: Human Health and Illness
- HP 697: Thesis
- HP 750: Seminar in Health Promotion
- HP 797: Dissertation
- PH 195: Foundations of Public Health
- PH 300: Environmental Health
- PH 305: Program Planning and Evaluation
- PH 319: Global Health
- PH 352: Basic Epidemiology
- PH 391: Special Topics in Health
- PH 470: Practical Applications in Public Health
- PH 490: Independent Study
- PH 511: Applied Statistics
- PH 528: Public Health Policy
- PH 555: Health Equity
- PH 607: Public Health Study USA
- PH 610: Biostatistics for Public Health Practice
- PH 617: Public Health Study Abroad
- PH 620: Emerging Issues in Public Health
- PH 670: Applied Epidemiology

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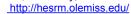


- PH 674: Chronic Disease Epidemiology
- PH 680: Infectious Disease Epidemiology
- PH 698: Public Health Practicum
- PH 699: Public Health Capstone
- SA 511: Applied Statistics
- SA 601: Measurement and Evaluation in Sport
- SA 602: Predictive Analytics in Sport
- SA 603: Big Data Analytics and Data Management
- SA 604: Quan and Qual Research Methods
- SA 605: Comm & Data Visualization in Sport
- SA 611: Sport Business
- SA 612: Sport Economic Analytics
- SA 613: Machine Learning in Sport
- SA 621: Data Analytics in Strength & Conditionin
- SA 622: Phys Aspects of Sport Perform & Monitor
- SA 623: Data Based Preven & Mgmt of Sport Injury
- SA 693: Sport Analytics Capstone
- SRA 194: Foundations of Leisure and Recreation
- SRA 200: Park & Recreation Program Leadership
- SRA 262: Introduction to Therapeutic Recreation
- SRA 270: The Business of Sport
- SRA 301: Planning & Evaluation in SRA
- SRA 302: Program Planning & Development
- SRA 311: Mktg. & Communication in Sport & Rec.
- SRA 330: Sport Governance and Policy
- SRA 332: Outdoor Recreation
- SRA 370: Sports Economics and Finance
- SRA 371: Camp Leadership
- SRA 372: Procedures and Techniques in Therapeutic
- SRA 375: Recreational Sports Programming
- SRA 380: Current Issues in Travel & Tourism Mgmt.
- SRA 388: Assessment/Planning in Therapeutic Rec
- SRA 391: Practicum in Recreation Administration I
- SRA 392: Practicum in Rec. Administration II
- SRA 394: Therapeutic Exercise and Fitness
- SRA 400: Professional Development
- SRA 401: Internship in Recreation Administration
- SRA 410: Senior Seminar: Professional Development
- SRA 425: Design and Maintenance of Facilities
- SRA 471: Admin. of Recreation Admin. Programs
- SRA 473: Supervision and Administration of Therap
- SRA 475: Legal Aspects of Sport and Recreation
- SRA 490: Independent Study
- SRA 497: Cooperative Field Practicum
- SRA 498: Cooperative Field Practicum
- SRA 499: Cooperative Field Practicum
- SRA 503: Data Analytics and Methodologies
- SRA 510: Entrepreneurial Recreation
- SRA 511: Applied Statistics
- SRA 539: Outdoor Resources Management
- SRA 569: Strategies & Applications in Outdoor Edu
- SRA 574: Current Trends in Therapeutic Recreation
- SRA 580: Recreational Therapy for Older Adults
- SRA 600: Issues & Trends in Recreation Admin. Pro
- SRA 601: Recreation Admin. Program Dev & Promotio
- SRA 602: Assessment & Evalua. of Rec. Admin. Prog
- SRA 603: Data Analytics Methodologies
- SRA 606: Ethics and Human Subjects Research
- SRA 621: Sport Policy





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- SRA 625: Research Design and Evaluation
- SRA 626: Statistical Analysis I
- SRA 627: Internship
- SRA 628: Qualitative Inquiry
- SRA 650: Seminar in Community & Rural Tourism
- SRA 651: Advanced Independent Study
- SRA 652: Advanced Independent Study
- SRA 653: Independent Research
- SRA 654: Directed Event Programming
- SRA 660: Sport and Leisure Economics
- SRA 671: Recreation Admin. Program Administration
- SRA 672: Business of Sport and Recreation
- SRA 680: Leisure Programming for Senior Adults
- SRA 691: Prinicples & Practices of Leisure & Recr
- SRA 697: Thesis

