MASTER OF SCIENCE DEGREE IN KINESIOLOGY
CONCENTRATION IN EXERCISE SCIENCE

REQUIRED RESEARCH COMPONENT (6 CREDITS):
ESRM  5593  Applied Educational Statistics or
ESRM  6403  Elementary Statistics and Data Processing Applied to Education
HHPR  5353  Research in HHPR

REQUIRED CORE COURSES (9 CREDITS):
EXSC  5513  Physiology of Exercise I
EXSC  5323  Biomechanics I
EXSC  5593  Practicum in Laboratory Instrumentation

REQUIRED PROJECT OR THESES (3-6 CREDITS):
EXSC  589V  (Independent Research – Master’s degree project – 3 credits) or
EXSC  600V  (Master’s Thesis – 6 credits)

APPROVED ELECTIVES (12-15 CREDITS):
Exercise Physiology, Biomechanics and Exercise Management
There are three specialization areas within the Exercise Science Concentration. Students select course with the consent of advisor based upon one of three areas. Below is a list of suggested courses.

EXSC  5333  Instrumentation in Biomechanics
EXSC  5353  Exercise Psychology
EXSC  5443  Seminar in Brain Injury and Behavior
EXSC  5523  Metabolism in Exercise
EXSC  5533  Cardiac Rehabilitation
EXSC  5543  Cardiovascular Function in Exercise
EXSC  5613  Physical Dimensions of Aging
EXSC  5643  Advanced Psychology of Sports Injury & Rehabilitation
EXSC  5773  Performance and Drugs
EXSC  6313  Muscle Physiology
EXSC  6323  Biomechanics II
EXSC  6343  Physiology of Exercise II
EXSC  6443  Thermoregulation & Fluid Balance

TOTAL CREDITS REQUIRED FOR DEGREE: 33 CREDITS

Graduate Coordinator
Department of Health, Human Performance and Recreation
University of Arkansas
Fayetteville, AR  72701
(479) 575-2858
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