EXERCISE PHYSIOLOGY
(EXPH)

EXPH 50612  EXERCISE LEADERSHIP FOR THE OLDER ADULT  
3 Credit Hours
(Cross-listed with EXSC 40612) Designed to provide the students 
with a knowledge base in exercise leadership in the senior population 
and includes special populations. Students participate in the leading 
supervision and evaluation of the participant within the exercise program. 
They also assist in the collection of functional fitness data. 
Prerequisite: Graduate standing. 
Schedule Type: Combined Lecture and Lab 
Contact Hours: 2 lecture, 2 lab 
Grade Mode: Standard Letter

EXPH 51000  EXERCISE IMPLEMENTATION: AN EXERCISE 
INTERVENTION PROGRAM  
1-3 Credit Hours
(Repeatable for credit) Students will participate in leading, supervising 
and developing plans for individuals who want to reduce cardiovascular 
risk factors through structured exercise. 
Prerequisite: EXPH 55080; and graduate standing. 
Schedule Type: Laboratory 
Contact Hours: 3-9 lab 
Grade Mode: Standard Letter

EXPH 53093  VARIABLE TITLE WORKSHOP IN EXERCISE SCIENCE AND 
EXERCISE PHYSIOLOGY  
1-3 Credit Hours
(Repeatable for credit) (Cross-listed with EXSC 43093) Workshop in 
exercise science or physiology, topics vary. 
Prerequisite: Graduate standing. 
Schedule Type: Workshop 
Contact Hours: 1-3 other 
Grade Mode: Satisfactory/Unsatisfactory

EXPH 55040  ADVANCED STRENGTH AND CONDITIONING  
3 Credit Hours
(Slashed with EXSC 45040) Advanced principles in strength and 
conditioning. Learn and understand the energy systems, anatomy, 
physiology and proper lifting technique of strength, speed, agility and 
conditioning exercises for practical application with athletes. 
Prerequisite: Graduate standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter

EXPH 55065  EXERCISE TESTING  
3 Credit Hours
(Cross-listed with EXSC 45065) Lecture and laboratory experiences 
dealing with the administration and interpretation of exercise tests. 
Prerequisite: Graduate standing. 
Schedule Type: Combined Lecture and Lab 
Contact Hours: 2 lecture, 2 lab 
Grade Mode: Standard Letter

EXPH 55070  ELECTROCARDIOGRAPHY FOR THE EXERCISE 
PHYSIOLOGIST  
3 Credit Hours
(Cross-listed with EXSC 45070) Designed to provide students with the 
knowledge base in electrocardiography. Students work on interpreting 
the 12-lead electrocardiogram with clinical case studies to enhance the 
knowledge base of the exercise specialist. 
Prerequisite: Graduate standing; and special approval. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter

EXPH 55080  PHYSIOLOGY OF EXERCISE  
3 Credit Hours
(Cross-listed with EXSC 45080) Physiological bases of muscular activity 
with special attention to general effects of exercise on body function. 
Laboratory included. 
Prerequisite: Graduate standing. 
Schedule Type: Combined Lecture and Lab 
Contact Hours: 2 lecture, 2 lab 
Grade Mode: Standard Letter

EXPH 60610  PHYSIOLOGY OF AGING: IMPLICATIONS FOR HUMAN 
BEHAVIOR  
3 Credit Hours
(Cross-listed with EXPH 70610) Examine physiological changes which 
accompany advancing age. Special attention is paid to the effect of these 
changes on sensory motor and cognitive behavior. 
Prerequisite: Graduate standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter

EXPH 63050  RESEARCH PROCESS IN ATHLETIC TRAINING AND 
EXERCISE PHYSIOLOGY  
3 Credit Hours
(Repeatable for credit) (Slashed with EXPH 73050) The research process and statistical 
concepts applied to athletic training and exercise physiology. 
Prerequisite: Graduate standing. 
Schedule Type: Combined Lecture and Lab 
Contact Hours: 2 lecture, 2 lab 
Grade Mode: Standard Letter

EXPH 63051  QUANTITATIVE AND RESEARCH METHODS IN ATHLETIC 
TRAINING AND EXERCISE PHYSIOLOGY  
3 Credit Hours
(Repeatable for credit) (Slashed with EXPH 73051) Research design and statistical methods 
application to exercise, physiology and athletic training. 
Prerequisite: EXPH 63050; and graduate standing. 
Schedule Type: Combined Lecture and Lab 
Contact Hours: 2 lecture, 2 lab 
Grade Mode: Standard Letter

EXPH 63056  INDIVIDUAL INVESTIGATION IN EXERCISE PHYSIOLOGY  
1-3 Credit Hours
(Repeatable for credit) (Slashed with EXPH 73056) Independent study completed under the supervision of a faculty member. 
Written approval of supervising faculty member and School Director 
required prior to registration. 
Prerequisite: Graduate standing; and special approval. 
Schedule Type: Individual Investigation 
Contact Hours: 3-9 other 
Grade Mode: Standard Letter

EXPH 63096  INDIVIDUAL INVESTIGATION IN EXERCISE PHYSIOLOGY  
1-3 Credit Hours
(Repeatable for a maximum of 6 credit hours) (Slashed with EXPH 73096) Independent study completed under the supervision of a faculty member. 
Written approval of supervising faculty member and School Director 
required prior to registration. 
Prerequisite: Graduate standing; and special approval. 
Schedule Type: Individual Investigation 
Contact Hours: 3-9 other 
Grade Mode: Standard Letter

EXPH 63099  RESEARCH  
1-15 Credit Hours
(Repeatable for credit) Research carried out by the student under the 
supervision of a faculty member. 
Prerequisite: Graduate standing. 
Schedule Type: Research 
Contact Hours: 1-15 other 
Grade Mode: Standard Letter-IP
EXPH 63193 VARIABLE TITLE WORKSHOP IN EXERCISE PHYSIOLOGY
1-3 Credit Hours
(Repeatable for credit) Workshop in exercise physiology; topics vary. Maximum 4 hours applied to the degree.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

EXPH 63195 SPECIAL TOPICS IN EXERCISE PHYSIOLOGY
1-3 Credit Hours
(Repeatable for credit) (Slashed with EXPH 73195) Selected and varied topics of relevance in exercise physiology.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 63299 THESIS I
2-6 Credit Hours
(Repeatable for credit) Thesis students must register for a total of 6 hours, 2 to 6 hours in a semester distributed over several semesters if desired.
Prerequisite: EXPH 63199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65081 ENERGY METABOLISM AND BODY COMPOSITION
3 Credit Hours
(Slashed with EXPH 75081) Measurement of metabolic response to exercise. Topics include ergometry, spirometry, energy expenditure, body composition and performance correlates of strength power and endurance.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 65082 CARDIO-RESPIRATORY FUNCTION
3 Credit Hours
(Slashed with EXPH 75082) Measurement of the cardiovascular-respiratory response to exercise. Includes resting spirometry, lung function during exercise, electrocardiography, blood pressure, PWC testing and exercise prescription.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory

EXPH 65083 EXERCISE ENERGY METABOLISM
3 Credit Hours
(Slashed with EXPH 75083) Energy transformations during exercise. Emphasis on controlling mechanisms that regulate the anabolic and catabolic responses to both acute and chronic exercise.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65084 CARDIOVASCULAR-RESPIRATORY DYNAMICS DURING EXERCISE
3 Credit Hours
(Slashed with EXPH 75084) Responses of the cardiovascular and respiratory systems to exercise. Use of noninvasive methods to measure cardio-respiratory function emphasized. Lecture and laboratory.
Prerequisite: Graduate standing.
Schedule Type: Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65085 NEUROBIOLOGY OF MOVEMENT AND EXERCISE
3 Credit Hours
(Slashed with EXPH 75086) Provide students with knowledge to understand the role of the muscular and nervous systems in human movement and exercise. Motor disorders and rehabilitation techniques will also be discussed. Lecture and laboratory.
Prerequisite: Graduate standing.
Schedule Type: Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65192 INTERNSHIP IN EXERCISE PHYSIOLOGY
1-6 Credit Hours
(Repeatable for a maximum of 8 credit hours) (Slashed with EXPH 75192) Field experience in exercise physiology programs and testing in Kent State University adult fitness program or cooperating agencies.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65086 PHYSIOLOGICAL BASIS OF EXERCISE AND SPORT
3 Credit Hours
(Slashed with EXPH 75080) Application of physiological concepts to human performance. Includes role of testing, training strength and endurance, nutritional considerations, environmental influences and, adapted exercise programs.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 65075 MUSCLE FUNCTION AND EXERCISE
3 Credit Hours
(Slashed with EXPH 75075) Characteristics of skeletal muscle related to contraction during exercise, strength, elasticity, fatigue, and training. Electromyograph analysis of muscle function emphasized.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 65076 ENVIRONMENTAL STRESS AND EXERCISE
3 Credit Hours
(Slashed with EXPH 75076) Effects of heat, cold, pressure, pollution and psychological stress upon physiological responses to exercise. Lecture and laboratory.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 65077 NEUROBIOLOGY OF MOVEMENT AND EXERCISE
3 Credit Hours
(Slashed with EXPH 75077) Measurement of the cardiovascular and respiratory function during exercise, electrocardiography, blood pressure, PWC testing and exercise prescription.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65078 CARDIO-RESPIRATORY FUNCTION
3 Credit Hours
(Slashed with EXPH 75078) Measurement of the cardiovascular-respiratory response to exercise. Includes resting spirometry, lung function during exercise, electrocardiography, blood pressure, PWC testing and exercise prescription.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65079 EXERCISE ENERGY METABOLISM
3 Credit Hours
(Slashed with EXPH 75079) Energy transformations during exercise. Emphasis on controlling mechanisms that regulate the anabolic and catabolic responses to both acute and chronic exercise.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65080 CARDIOVASCULAR-RESPIRATORY DYNAMICS DURING EXERCISE
3 Credit Hours
(Slashed with EXPH 75080) Responses of the cardiovascular and respiratory systems to exercise. Use of noninvasive methods to measure cardio-respiratory function emphasized. Lecture and laboratory.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65081 ENERGY METABOLISM AND BODY COMPOSITION
3 Credit Hours
(Slashed with EXPH 75081) Measurement of metabolic response to exercise. Topics include ergometry, spirometry, energy expenditure, body composition and performance correlates of strength power and endurance.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 65082 CARDIO-RESPIRATORY FUNCTION
3 Credit Hours
(Slashed with EXPH 75082) Measurement of the cardiovascular-respiratory response to exercise. Includes resting spirometry, lung function during exercise, electrocardiography, blood pressure, PWC testing and exercise prescription.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65083 EXERCISE ENERGY METABOLISM
3 Credit Hours
(Slashed with EXPH 75083) Energy transformations during exercise. Emphasis on controlling mechanisms that regulate the anabolic and catabolic responses to both acute and chronic exercise.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65084 CARDIOVASCULAR-RESPIRATORY DYNAMICS DURING EXERCISE
3 Credit Hours
(Slashed with EXPH 75084) Responses of the cardiovascular and respiratory systems to exercise. Use of noninvasive methods to measure cardio-respiratory function emphasized. Lecture and laboratory.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65085 NEUROBIOLOGY OF MOVEMENT AND EXERCISE
3 Credit Hours
(Slashed with EXPH 75086) Provide students with knowledge to understand the role of the muscular and nervous systems in human movement and exercise. Motor disorders and rehabilitation techniques will also be discussed. Lecture and laboratory.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 65086 PHYSIOLOGICAL BASIS OF EXERCISE AND SPORT
3 Credit Hours
(Slashed with EXPH 75080) Application of physiological concepts to human performance. Includes role of testing, training strength and endurance, nutritional considerations, environmental influences and, adapted exercise programs.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 65192 INTERNSHIP IN EXERCISE PHYSIOLOGY
1-6 Credit Hours
(Repeatable for a maximum of 8 credit hours) (Slashed with EXPH 75192) Field experience in exercise physiology programs and testing in Kent State University adult fitness program or cooperating agencies.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP
EXPH 70610 PHYSIOLOGY OF AGING: IMPLICATIONS FOR HUMAN BEHAVIOR 3 Credit Hours
(Slashed with EXPH 60610) Examine physiological changes which accompany advancing age. Special attention is paid to the effect of these changes on sensory motor and cognitive behavior.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 73050 RESEARCH PROCESSES IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY 3 Credit Hours
(Slashed with EXPH 63050) The research process and statistical concepts applied to athletic training and exercise physiology.
Prerequisite: Doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 73051 QUANTITATIVE AND RESEARCH METHODS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY 3 Credit Hours
(Slashed with EXPH 63051) Research design and statistical methods applied to exercise physiology and athletic training.
Prerequisite: EXPH 73050; and doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 70610 PHYSIOLOGY OF AGING: IMPLICATIONS FOR HUMAN BEHAVIOR 3 Credit Hours
(Slashed with EXPH 60610) Examine physiological changes which accompany advancing age. Special attention is paid to the effect of these changes on sensory motor and cognitive behavior.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 73050 RESEARCH PROCESSES IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY 3 Credit Hours
(Slashed with EXPH 63050) The research process and statistical concepts applied to athletic training and exercise physiology.
Prerequisite: Doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 73051 QUANTITATIVE AND RESEARCH METHODS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY 3 Credit Hours
(Slashed with EXPH 63051) Research design and statistical methods applied to exercise physiology and athletic training.
Prerequisite: EXPH 73050; and doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 73091 RESEARCH SEMINAR 1 Credit Hour
(Repeatable for credit) Presentation and discussion of research by faculty and students. A total of 2 credits may be applied toward degree requirements.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Satisfactory/Unsatisfactory

EXPH 73096 INDIVIDUAL INVESTIGATION IN EXERCISE PHYSIOLOGY 1-3 Credit Hours
(Repeatable for a maximum of 6 credit hours) (Slashed with EXPH 63096) Independent student completed under the supervision of a faculty member. Written approval of supervising faculty member and School Director required prior to registration.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Standard Letter-IP

EXPH 73195 SPECIAL TOPICS IN EXERCISE PHYSIOLOGY 1-3 Credit Hours
(Repeatable for a maximum of 6 credit hours) (Slashed with EXPH 63195) Selected and varied topics of relevance in exercise physiology.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

EXPH 75004 BIOMECHANICS 3 Credit Hours
(Cross-listed with ATTR 65004) Survey of biomechanics, with particular emphasis on skeletal muscle mechanics.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 75075 MUSCLE FUNCTION AND EXERCISE 3 Credit Hours
(Slashed with EXPH 65075) Characteristics of skeletal muscle related to contraction during exercise, strength, elasticity, fatigue and training. Electromyograph analysis of muscle function emphasized.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 75076 ENVIRONMENTAL STRESS AND EXERCISE 3 Credit Hours
(Slashed with EXPH 65076) Effects of heat, cold, pressure, pollution and psychological stress upon physiological responses to exercise. Lecture and laboratory.
Prerequisite: Doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 75080 PHYSIOLOGICAL BASIS OF EXERCISE AND SPORT 3 Credit Hours
(Slashed with EXPH 65080) Application of physiological concepts to human performance. Includes role of testing, training, strength and endurance, nutritional considerations, environmental influences, and adapted exercise programs.
Prerequisite: Doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 75081 ENERGY METABOLISM AND BODY COMPOSITION 3 Credit Hours
(Slashed with EXPH 65081) Measurement of metabolic response to exercise. Topics include ergometry, spirometry, energy expenditure, body composition and performance correlates of strength, power and endurance.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 75082 CARDIO-RESPIRATORY FUNCTION 3 Credit Hours
(Cross-listed with EXPH 65082) Measurement of the cardiovascular-respiratory response to exercise. Includes resting spirometry, lung function during exercise, electrocardiography, blood pressure, PWC testing and exercise prescription.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 75083 EXERCISE ENERGY METABOLISM 3 Credit Hours
(Slashed with EXPH 65083) Energy transformations during exercise. Emphasis on controlling mechanisms that regulate the anabolic and catabolic responses to both acute and chronic exercise.
Prerequisite: Doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
EXPH 75084  CARDIOVASCULAR-RESPIRATORY DYNAMICS DURING EXERCISE  3 Credit Hours
(Slashed with EXPH 65084) Responses of the cardiovascular and respiratory systems to exercise. Use of noninvasive methods to measure cardio-respiratory function emphasized. Lecture and laboratory.
Prerequisite: Doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 75086  NEUROBIOLOGY OF EXERCISE AND MOVEMENT  3 Credit Hours
(Slashed with EXPH 65086) Provides students with knowledge to understand the role of the muscular and nervous systems in human movement and exercise. Motor disorders and rehabilitation techniques will also be discussed. Lecture and laboratory.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 75192  INTERNSHIP IN EXERCISE PHYSIOLOGY  1-6 Credit Hours
(Repeatable for a maximum of 8 credit hours) (Slashed with EXPH 65192) Field experience in exercise physiology programs and testing in KSU adult fitness program or cooperating agencies.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 83098  RESEARCH  1-15 Credit Hours
(Repeatable for credit) Research for doctoral students.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Standard Letter-IP

EXPH 83199  DISSERTATION I  15 Credit Hours
(Repeatable for credit) Doctoral dissertation, for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 83299  DISSERTATION II  15 Credit Hours
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.
Prerequisite: EXPH 83199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP