PHYSICAL EDUCATION (PED)

PED 100 Introduction to Health, Physical Education and Recreation
Credits: 3
Typically Offered: Departmental Discretion.
Course Description: Introduction to fields of study in Health and Exercise, Physical Education and Recreation Sport Management. Basic information about the different possible career opportunities as well as professional organization affiliations.

PED 101 Fitness and Wellness Credits: 3
Typically Offered: Fall, Spring, Summer.
Course Description: Develops knowledge and skill in obtaining optimal health fitness through nutrition, stress management, cardiorespiratory endurance, recognition of risk factors for heart disease, and musculoskeletal development. Two hours lecture, two hours lab. Students must enroll in the lecture and one of the following seven PED 101 labs: 1) Aquatic Conditioning - Designed to instruct students in a variety of aquatic exercises to develop overall muscular strength, muscular endurance, flexibility, and cardiovascular fitness. Swimming skills not needed. 2) General Physical Conditioning - Designed to instruct students in a variety of physical exercise activities to develop overall muscular strength, muscular endurance, flexibility and cardiovascular fitness. 3) Fitness Swimming - Designed to instruct students in a swimming program to develop overall muscular strength and muscular endurance, flexibility and cardiovascular fitness. Must be at Intermediate swimming level and higher. 4) Jogging - Designed to instruct students in a jogging program to develop overall muscular strength, muscular endurance, flexibility and cardiovascular fitness. 5) Rhythmic Aerobics - Designed to instruct students in a variety of choreographed exercise routines to music to develop overall muscular strength, muscular endurance, flexibility and cardiovascular fitness. 6) Strength Training - Designed to instruct students in weight resistant activities to develop overall muscular strength, muscular endurance, and flexibility. 7) Walking for Fitness and Weight Control - Designed to instruct students in a walking exercise program to develop overall muscular strength, muscular endurance, flexibility and cardiovascular fitness.

PED 110 Adaptive Activities Credits: 1
Typically Offered: Departmental Discretion.
Course Description: A program of activities adapted to the needs of the handicapped and physically restricted student. This class may be repeated for credit with permission of the Coordinator of Adaptive Activities. Meets General Studies Category 5, Line 2 physical activity course.

PED 111 Beginning Curling Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Introduction to the sport of curling, including sport specific skills of delivering the stone, and sweeping as well as cognitive skills of scoring, types of shots, and strategy. May be taken up to four times for credit. Meets General Studies Category 5, Line 2 physical activity course.

PED 112 Beginning Racquetball Credits: 1
Typically Offered: Departmental Discretion.
Course Description: A beginner’s course of instruction in the basic skills of racquetball, including the techniques of singles and doubles play. Student must furnish racquet and a new can of racquetballs. May be taken up to four times for credit. Meets General Studies Category 5, Line 2 physical activity course.

PED 113 Beginning Soccer Credits: 1
Typically Offered: Spring.
Course Description: Introduction to the sport of soccer, including sport specific skills, strategies, rules. Meets General Studies Category 5, Line 2 physical activity course. May be repeated up to 4 times for credit.

PED 114 Beginning Bait and Fly Casting Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Introduction to sport fishing. Emphasizes casting skills, methods of fishing, fish habitat, conservation practices, and lure making. Field trip may be required. Meets General Studies Category 5, Line 2 physical activity course.

PED 115 Beginning Riflery and Trap Shooting Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Instruction in recreational shooting. Emphasizes firearms safety, rifle and shotgun trap marksmanship, particular stress on range practice; methods and techniques of reloading ammunition and cleaning firearms. Students must provide own ammunition. Meets General Studies Category 5, Line 2 physical activity course.

PED 116 Beginning Bowling Credits: 1
Typically Offered: Departmental Discretion.
Course Description: House fee required. Meets General Studies Category 5, Line 2 physical activity course.

PED 117 Beginning Golf Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Students must furnish four new golf balls. Meets General Studies Category 5, Line 2 physical activity course.

PED 118 Beginning Tennis Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Students must furnish three new shuttecocks. Meets General Studies Category 5, Line 2 physical activity course.

PED 119 Beginning Badminton Credits: 1
Typically Offered: Departmental Discretion.
Course Description: An exciting new recreational sport which combines use of map and compass with physical activity; combines several styles of orienteering with practice on actual courses. Meets General Studies Category 5, Line 2 physical activity course.

PED 120 Beginning Archery Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Instruction in archery. Emphasizes the handicapped and physically restricted student. This class may be repeated up to 4 times for credit. Meets General Studies Category 5, Line 2 physical activity course.

PED 121 Beginning Judo Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Student must furnish gi. Meets General Studies Category 5, Line 2 physical activity course.

PED 122 Beginning Survival and Primitive Living Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Instruction in preparing for environmental emergencies with emphasis on the psychological aspect of survival situations and establishment of priorities for sustaining life in an environmental emergency. An overnight experience is required. Meets General Studies Category 5, Line 2 physical activity course.

PED 123 Beginning Archery Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Introduction to target and field archery. Emphasizes shooting technique and various types of archery games and competition. Students must furnish a matched set of six arrows. Meets General Studies Category 5, Line 2 physical activity course.
PED 128  Beginning Backpacking  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Instruction in backpacking. Emphasizes equipment orientation, personal conduct within the natural environment, clothing and shelter, preservation of wilderness area integrity, safety, foods, and cooking. Course includes on-the-trail instruction and practicum. All equipment furnished by the department. Meets General Studies Category 5, Line 2 physical activity course.

PED 130  Beginning Swimming  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Basic skills in swimming. Swim suit required. Non-swimmers only. Meets General Studies Category 5, Line 2 physical activity course.

PED 131  Lifeguard Training  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Provides minimum skills training for a person to qualify to serve as a lifeguard. Prerequisite(s): Be at least 15 years old, able to swim 500 yards continuously using side stroke, front crawl, and breast stroke. Each stroke demonstrated a minimum of 100 yards. Surface dive to 8 - 12 feet and recover a 10-pound brick. Tread water for 2 minutes with arms across chest (legs only). Meets General Studies Category 5, Line 2 physical activity course.

PED 132  Intermediate Swimming  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Development of swimming strokes. Swim suit required. Meets General Studies Category 5, Line 2 physical activity course. Prerequisite(s): Ability to swim.

PED 135  Skin and Scuba Diving  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Techniques and safety for skin and scuba diving. Swim suit and special fee required. May be taken up to four times for credit. Meets General Studies Category 5, Line 2 physical activity course. Prerequisite(s): Above-average ability to swim.

PED 137  Water Safety Instructor  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Water safety techniques as prescribed by the American Red Cross; W.S.I. Certification for those who qualify. Swim suit required. Prerequisite(s): Be at least 17 years of age at the end of the course, able to pass the pre-course written test and skills test. The written test is taken from the Community Water Safety and/or Swimming and Diving Text (Chapters 2 and 13). The skills test involves rescue skills and stroke evaluation. Meets General Studies Category 5, Line 2 physical activity course.

PED 138  Beginning Canoeing  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Practical instruction in canoeing. Emphasizes safety and techniques. On-the-water experiences are integral with instruction. Students must be able to swim. Meets General Studies Category 5, Line 2 physical activity course.

PED 139  Beginning Skiing  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Development of basic skills in downhill (Alpine) and/or cross country skiing. Special fee required. Meets General Studies Category 5, Line 2 physical activity course.

PED 140  Beginning Ice Skating  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Special fee required. Meets General Studies Category 5, Line 2 physical activity course.

PED 141  Beginning Karate  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Students must furnish gi. Meets General Studies Category 5, Line 2 physical activity course.

PED 142  Hap Ki Do  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: A martial art activity with emphasis on self-defense. Students must furnish gi. Meets General Studies Category 5, Line 2 physical activity course.

PED 144  Beginning Recreation Games  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Shuffleboard, table tennis, horseshoes, croquet, and others. Meets General Studies Category 5, Line 2 physical activity course.

PED 145  Aerobic Dance  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: An activity course in which students’ cardiovascular endurance is developed through continuous rhythmic exercise and dance set to music. May be taken up to four times for credit. Meets General Studies Category 5, Line 2 physical activity course.

PED 146  Beginning Social Dance  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Meets General Studies Category 5, Line 2 physical activity course.

PED 147  Beginning Ballet  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Introduction to ballet with emphasis on developing the basics of body alignment, arm placement, footwork and expressiveness. Students must furnish ballet shoes. Meets General Studies Category 5, Line 2 physical activity course.

PED 153  Beginning Modern Dance  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Students must furnish leotard. Meets General Studies Category 5, Line 2 physical activity course.

PED 156  Beginning Tap Dance  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Students must furnish tap shoes. Meets General Studies Category 5, Line 2 physical activity course.

PED 157  Dance Choreography  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Designed to teach principles and fundamental dance skills for use in choreography assignments relating to time, space, energy, group relationships, and performance techniques. Meets General Studies Category 5, Line 2 physical activity course.

PED 158  Intercollegiate Sports I  Credits: 1  
Typically Offered: Departmental Discretion.  
Course Description: Intercollegiate athletic team members who are on the men’s basketball, men’s football, women’s basketball, women’s soccer, women’s volleyball teams and cheer squad only. May be taken up to four times for credit. Meets General Studies Category 5, Line 2 physical activity course.
PED 159 Intercollegiate Sports II Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Intercollegiate athletic team members who are on the men's baseball, men's cross country, men's golf, men's indoor track, men's outdoor track, women's cross country, women's golf, women's indoor track, women's outdoor track, women's tennis, or women's softball teams only. May be taken up to four times for credit. Meets General Studies Category 5, Line 2 physical activity course.

PED 160 Dance Participation Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Open to any individual interested in developing higher level skills in dance performance through participation in the Missouri Western State University Dance Company. May be taken up to four times for credit. Meets General Studies Category 5, Line 2 physical activity course. Prerequisite(s): Consent of company sponsor.

PED 171 Beginning Cave Exploring Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Introduction to the art of spelunking. Emphasizes safety aspects and appreciation of cave ecology. Course includes caving trips. Equipment furnished by the department. Meets General Studies Category 5, Line 2 physical activity course.

PED 172 Intermediate Cave Exploring Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Continuation of PED 171. Involves intermediate activities in spelunking: reading cave maps, basic vertical techniques, basic rescue techniques, and discussions in cave geology. Course includes caving trips. Most equipment furnished by the department. Special fee required. Meets General Studies Category 5, Line 2 physical activity course. Prerequisite(s): PED 171.

PED 175 Beginning Volleyball Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Meets General Studies Category 5, Line 2 physical activity course.

PED 180 Pilates Credits: 1
Typically Offered: Departmental Discretion.
Course Description: A progressive activity where students learn proper body alignment and techniques for integration into movement with emphasis on lower back and abdominal strength. May be taken up to four times for credit. Meets General Studies Category 5, Line 2 physical activity course.

PED 181 Beginning Crossfit Credits: 1
Typically Offered: Fall, Spring.
Course Description: This course will teach students the basic Olympic lifts and gymnastic movements of Crossfit. It will teach lifetime fitness through general physical conditioning. May be repeated up to four times for credit. Meets General Studies Category 5, Line 2 physical activity course.

PED 182 Yoga Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Gaining personal power through the daily use of Kundalini Yoga is an integrated approach offering Kriya (designed physical movements), Pranayama (breathing practices), Dhara (concentration) and Dhyana (meditation) and gong vibration relaxation. The goal of the class is to deepen the qualities of attention and concentration and to increase physical and mental stamina in physical performance and practice settings. Meets General Studies Category 5, Line 2 physical activity course.

PED 183 Beginning Weight Training and Conditioning Credits: 1
Typically Offered: Departmental Discretion.
Course Description: May be taken up to four times for credit. Meets General Studies Category 5, Line 2 physical activity course.

PED 185 Aerobic Fitness Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Methods and techniques of aerobic conditioning. Designed as a class for returning students to be taught concurrently with the adult physical fitness class in Continuing Education. Meets General Studies Category 5, Line 2 physical activity course.

PED 187 Beginning Cycling Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Students must furnish bicycle. Meets General Studies Category 5, Line 2 physical activity course.

PED 188 Wilderness Canoeing Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Comprehensive course in flatwater and river canoeing; emphasizes whitewater paddling technique and personal conduct in wilderness environments; includes wilderness camping skills and expedition dynamics. Class is usually held in Minnesota, South Missouri, or Arkansas. Meets General Studies Category 5, Line 2 physical activity course.

PED 190 Adult Physical Fitness Credits: 1
Typically Offered: Fall, Spring.
Course Description: An activity course in which student’s knowledge of wellness is developed through participation in discussion and physical activity programs. Designed as a class for returning students to be taught concurrently with the adult physical fitness class in Continuing Education. Meets General Studies Category 5, Line 2 physical activity course.

PED 191 Foundations of Physical Education Credits: 3
Typically Offered: Fall, Spring.
Course Description: Historic and philosophic analysis of physical education emphasizing physical education as an academic discipline, professional opportunities, and associated fields. Recommended for freshmen.

PED 192 Independent Physical Activity Credits: 1
Typically Offered: Fall, Spring.
Course Description: This course will involve independent physical activity tracking which will be monitored by the instructor. You will be required to purchase a physical activity tracker. May be repeated up to four times for credit. Meets General Studies Category 5, Line 2 physical activity course.

PED 193 Special Weight Training Class for Athletes Only Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Limited to members of MWSU Intercollegiate Athletic Teams and Cheer Squad only. May be taken one time only for credit. Meets General Studies Category 5, Line 2 physical activity course.

PED 219 Intermediate Golf Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Students must furnish four new golf balls. Meets General Studies Category 5, Line 5 physical activity course. Prerequisite(s): PED 119.
PED 222 Human Sexuality Credits: 3
Typically Offered: Fall.
Course Description: Presents teaching methodology - develops knowledge and skills in the team sports of basketball, flag football, soccer, and volleyball. May require additional off-campus meetings for applied teaching experiences.

PED 240 Methods of Teaching Lifetime Activities for Secondary Physical Education Credits: 3
Typically Offered: Fall.
Course Description: Presents teaching methodology - develops knowledge and skills in the team sports of basketball, flag football, soccer, and volleyball. May require additional off-campus meetings for applied teaching experiences.

PED 241 Concepts of Sport Activities Credits: 3
Typically Offered: Fall, Spring.
Course Description: Presents teaching methodology - develops knowledge and skills in social, folk, and square dance, stunts and tumbling, and apparatus gymnastics. May require additional off-campus meetings.

PED 246 Concepts of Dance and Gymnastics Credits: 3
Typically Offered: Fall.
Course Description: Presents teaching methodology - develops knowledge and skills in the team sports of basketball, flag football, soccer, and volleyball. May require additional off-campus meetings.

PED 250 Intermediate Ice Skating Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Continuation of PED 140. Emphasizes ice skating as a leisure activity for a lifetime. Special fee required. Meets General Studies Category 5, Line 2 physical activity course.

PED 253 Intermediate Modern Dance Credits: 1
Typically Offered: Departmental Discretion.
Course Description: Students must furnish leotard. Meets General Studies Category 5, Line 2 physical activity course. Prerequisite(s): PED 153.

PED 283 Introduction to Research Methods in Physical Education Credits: 1-2
Typically Offered: Departmental Discretion.
Course Description: Introduction to basic research in physical education. Individual and team projects involving methods for solving physical education-related research problems. Prerequisite(s): Consent of the department.

PED 294 Drug Education Credits: 3
Typically Offered: Spring.
Course Description: This course addresses the concepts of drug use, drug misuse and drug abuse as they pertain to prescribed medications as well as illicit substances. Over the counter preparations are included, as well as the more commonly encountered drugs in the school setting.

PED 303 Kinesiology Credits: 3
Typically Offered: Fall, Spring.
Course Description: Analyzes movement through the study of anatomical structures and mechanical principles of the human body, applicable to elementary, secondary, and adult populations. Prerequisite(s): A grade of C or higher in BIO 250.

PED 304 Physiology of Exercise Credits: 3
Typically Offered: Fall, Spring.
Course Description: Basic physiology applied to physical education and the training of athletes; applicable to elementary, secondary, and adult populations. Three hours lecture, one hour lab. Prerequisite(s): BIO 250 with a C or higher.
PED 315 Coaching and Officiating of Volleyball Credits: 2
Typically Offered: Spring.
Course Description: Theory, fundamentals, and officiating of volleyball; includes team selection, organization, and strategies from the coaching and officiating standpoints. Officiating in intramurals may be required. Two hours lecture, one hour lab. May require additional off-campus meetings.

PED 316 Coaching and Officiating of Wrestling Credits: 2
Typically Offered: Departmental Discretion.
Course Description: Theory, fundamentals, and officiating in wrestling; includes team selection, organization, and strategies from the coaching and officiating standpoints. Officiating in intramurals may be required. Two hours lecture, one hour lab. May require additional off-campus meetings.

PED 317 Principles of Strength Training and Conditioning Credits: 3
Typically Offered: Fall.
Course Description: Fundamentals in the development of strength and conditioning programs for a variety of populations. Includes the physiological bases of strength development, identification of specific exercises to develop strength, proper technique, and periodized programming for maximal development. Two hours lecture, two hours lab. May require additional off-campus meetings.

PED 318 Principles of Aerobic Training Credits: 2
Typically Offered: Fall.
Course Description: Fundamentals in the development of aerobic programs for a variety of populations: includes the physiological bases of aerobic development, identification of specific exercises and activities to develop aerobic power, proper technique, identify contraindicated exercises, and programming for maximal development of aerobic power. May require additional off-campus meetings.

PED 319 Coaching and Officiating of Soccer Credits: 2
Typically Offered: Spring.
Course Description: Theory, fundamentals, and officiating of soccer includes FIFA laws of the Game, skill development, conditioning, strategies, and basic organizational techniques to coach and referee soccer. Two hours lecture, one hour lab. May require additional off-campus meetings.

PED 327 Exercise Prescription for Special Populations Credits: 3
Typically Offered: Fall, Spring.
Course Description: Provide the students with principles and practice in developing exercise programs specifically designed for special populations. Prerequisite(s): PED 304 or PED 391 with a grade of C or higher.

PED 352 Fitness and Sports Nutrition Credits: 3
Typically Offered: Departmental Discretion.
Course Description: This course will provide students with an understanding of the basic nutrition principles to help promote and maintain health throughout a life cycle. Students will examine the relationship between physical activity, proper nutrition, sports performance and overall wellness. Students will learn what foods are needed for healthy lifestyles and peak performance. Students will also learn how proper nutrition maximizes physical performance in exercise and sports contexts. This course strengthens health promotion and disease prevention through increased knowledge of nutrition and physical activity. This class provides information to students in developing healthy lifestyle choices.

PED 370 Methods in Teaching Health and Physical Education Credits: 3
Typically Offered: Departmental Discretion.
Course Description: Includes health/physical education content at the collegiate level, as well as methods and materials for the school settings. The physical education major will receive health methods K-12 and the elementary classroom majors will receive health and physical education methods K-6. Prerequisite(s): PED 101 and official admittance to the teacher education program.

PED 373 Psychology of Exercise Credits: 2
Typically Offered: Spring.
Course Description: This course is designed to examine applied and theoretical issues related to the psychology of exercise and physical activity. The course will enable students to use their knowledge of psychological aspects of exercise to facilitate exercise adoption and adherence as well as applying motivational and behavior change strategies when working with others in various health and physical activity settings. Prerequisite(s): A grade of C or higher in PSY 101.

PED 374 Psychology of Sport Credits: 2
Typically Offered: Fall.
Course Description: Emphasizes the psychology and sociology of the sports participant from the standpoint of participant’s behavior toward other individuals and groups. Prerequisite(s): PSY 101.

PED 375 Sociocultural Aspects of Sport and Physical Activity Credits: 3
Typically Offered: Spring.
Course Description: To develop an understanding of sport not only from a sociological perspective but also from a social creation standpoint. This course will examine the socially created realities of sport and will provide a critical analysis of sport at all levels (informal and organized youth, interscholastic, intercollegiate, and professional). Emphasis is placed on gender, race, economic, media, and political issues in sport.

PED 380 Rhythms and Creative Movement for Elementary School Credits: 3
Typically Offered: Fall, Spring.
Course Description: Designed to teach elementary teachers how to approach the use of rhythms as a means for developing neuromuscular growth and body space awareness; uses a variety of musical styles and rhythmic devices to develop a knowledge in movement exploration including body awareness, space utilization, time, and energy change. Students will be required to meet off-campus for teaching experience. Elementary education majors may not take the course until officially admitted to the teacher education program. Students will be required to meet off-campus for teaching experience.

PED 381 Outdoor Education Credits: 3
Typically Offered: Departmental Discretion.
Course Description: A methodology course with an emphasis on establishing learning experiences in natural environments through varied disciplines of study. Two hours lecture, two hours lab.

PED 382 Elementary School Physical Education Credits: 3
Typically Offered: Fall.
Course Description: Fundamental skills, sports, and games for the elementary school physical education program. Two hours lecture, two hours lab. May meet off-campus for micro teaching experiences in an elementary school; may have one teaching experience at night.
PED 383 Adapted Physical Education  Credits: 3  
Typically Offered: Spring.  
Course Description: Theory and methods of programming activities for handicapped students; recognition of, prevention of, and practical experience with structural deviations from normal body mechanics.

PED 385 Athletic Training  Credits: 3  
Typically Offered: Fall, Spring.  
Course Description: Prevention and care of common athletic injuries, protective equipment, and training methods. Prerequisite(s): BIO 250.

PED 386 Prevention, Intervention and Treatment of Sexually Transmitted Diseases  Credits: 3  
Typically Offered: Departmental Discretion.  
Course Description: This course examines the evolution of AIDS and STD's as well as modes of transmission, disease progression, and the risk factors involved in pathogenic exposure. In addition, screening procedures and treatments are addressed. Prerequisite(s): BIO 101 or BIO 105 and junior standing.

PED 387 Current Issues in Health Education  Credits: 3  
Typically Offered: Departmental Discretion.  
Course Description: This course is designed to critically analyze research and literature in health education. The range of topics for discussion will include literature from popular readings to scientific reports from refereed journals.

PED 388 Community Health  Credits: 2  
Typically Offered: Fall.  
Course Description: This course examines the issues and problems that exist within the political, social, cultural and economic dimensions of community health.

PED 391 Personal and Environmental Health  Credits: 3  
Typically Offered: Fall, Summer.  
Course Description: This course addresses personal and environmental health issues and concerns as they relate to physiological and psychological well-being. Responsibility and decision making skills pertinent to health behaviors are also included. Prerequisite(s): A grade of C or higher in PED 101.

PED 392 Child Growth and Motor Development  Credits: 3  
Typically Offered: Fall, Spring.  
Course Description: The study of humans from conception to maturation dealing with the pattern of growth involved in the physical and mental process. This course will focus on the four domains of growth (Physical Motor), Cognitive, Social and Emotional) with a specific emphasis on Motor Development / Motor Learning. The main purpose is to develop understanding of experimental and experiential factors concerning developmental factors that affect a person's skills and abilities in all four domains across the lifespan.

PED 393 Measurement in Physical Education  Credits: 3  
Typically Offered: Fall, Spring.  
Course Description: Methods in evaluation of the product and process; special emphasis on physical fitness, motor ability, posture, and specific sports skills; applicable to elementary, secondary, and adult populations. Prerequisite(s): A grade of C or higher in MAT 110 or MAT 110E or higher.

PED 395 Intramural Management  Credits: 2  
Typically Offered: Departmental Discretion.  
Course Description: Organization and administration of intramural and extramural activities. Assistance in the intramural program is required. One hour lecture, two hours lab.

PED 400 Advanced Cardiovascular Exercise Physiology  Credits: 3  
Typically Offered: Spring.  
Course Description: This course is designed to introduce the student to the study of cardiovascular physiology with an emphasis on normal versus abnormal function. It provides an in depth study of the cardiovascular system and its various responses to acute and chronic exercise. Prerequisite(s): PED 304 with a grade of C or higher.

PED 401 Graded Exercise Testing  Credits: 3  
Typically Offered: Fall, Spring.  
Course Description: Examines the principles of exercise testing, the methods of conducting a graded exercise test, collection and calculation of test data in a sequential manner and interpretation of information so obtained. Offers a basic understanding of the normal physiological adaptations to chronic exercise and the electrophysiology of electrocardiography. Three hours lecture, one hour lab. Prerequisite(s): A grade of C or higher in PED 304.

PED 417 Applied Techniques in Personal Training  Credits: 3  
Typically Offered: Fall.  
Course Description: This course is designed to provide students with practical experience working with clients (faculty/staff/students) in a supervised setting enabling them to become more confident and competent in carrying out exercise assessments and writing appropriate prescriptions for individuals. Prerequisite(s): A grade of C or higher in PED 303, PED 304, PED 317 and PED 401.

PED 420 Senior Seminar in Physical Education  Credits: 1  
Typically Offered: Fall, Spring.  
Course Description: Practical preparation for the profession including job seeking techniques, resume and portfolio building, interviewing techniques, professional organizations and membership benefits, and visits from professionals in the field. Prerequisite(s): Senior standing and a grade of C or higher in all PED courses required in the major or concurrent enrollment.

PED 430 Field Experience in Health and Exercise Science  Credits: 9  
Typically Offered: Fall, Spring, Summer.  
Course Description: A 400 hour internship with an agency related to Health and Exercise Science to develop and utilize skills learned in the classroom. Agency selected by the student with instructor approval. Prerequisite(s): Senior status; a grade C or higher in all PED courses in the core including PED 401; completion of all departmental application requirements; and agency acceptance of the intern.

PED 450 Independent Research/Project  Credits: 1-5  
Typically Offered: Fall, Spring, Summer.  
Course Description: Investigation of a research problem, project, or topic on an individual conference basis. Prerequisite(s): Completion of the major-minor declaration in physical education, a minimum of a 2.5 GPA in the major field, and/or departmental approval.

PED 451 Research in Health and Exercise Science  Credits: 3  
Typically Offered: Fall, Spring.  
Course Description: Original research in areas related to Health or Exercise Science. Students will be guided in the development of research ideas and problem statements, literature reviews, testing methodology, data collection, and interpretation of results. Prerequisite(s): Junior or senior standing, and a grade of C or higher in PED 393.

PED 480 Practicum in Physical Education  Credits: 2  
Typically Offered: Fall, Spring, Summer.  
Course Description: Individualized in-depth study of a subject in which the student is particularly interested. Prerequisite(s): Junior or senior standing.
PED 481  Children's Lifetime Sports Academy Practicum  Credits: 2
Typically Offered: Summer.
Course Description: Practical teaching experience of children aged eight to 15 in lifetime sports and adventure activities. Can be repeated for credit.

PED 485  Athletic Training II  Credits: 2
Typically Offered: Departmental Discretion.
Course Description: Methods of athletic injury mechanisms and evaluative techniques of athletic injuries. Knowledge and understanding of modalities, therapeutic techniques, and rehabilitation programs of athletic injuries. One hour lecture, two hours lab. Prerequisite(s): A grade of C or higher in PED 385.