

## **Division of Education & Kinesiology**

**Dr. Carol Karnes, Acting Division Head**

### **Education (EDU)**

**Professor Emery; Associate Professors Atang, Jumper, Tribble; Visiting Instructor Seawright**

**101. Teacher Cadet (3)**

Designed to introduce high school students to the role of the teacher and with the profession of teaching; includes written compositions, presentations, attendance and participation. Students enrolled in this program must meet the criteria established by the South Carolina Center for Teacher Recruitment for admission into the Teacher Cadet Program and into the College in order to take this course. A student may receive credit for EDU 196 or EDU 101 only.

**111. Introduction to Education (3)**

Introduction to the teaching profession; history and philosophy of education; organization and operation of schools and school districts; local, state, and federal roles in controlling and supporting education; and recent issues in United States education. Corequisite: EDU 195. Prerequisite: ENG 101.

**195. Field Experience #1 (1)**

Teacher candidates engage in teaching and learning in order to reconcile theory with practical experiences. Placement in actual school situations to reconcile college study with real-world occurrences. Corequisite: EDU 111.

**196. Teacher Cadet Credit (1)**

Students completing a qualified South Carolina Teacher Cadet course (non-college credit) with a grade of "B" or better may receive one hour of credit for EDU 196 upon successful completion of EDU 195; must apply for credit through the Teacher Education office. A student may receive credit for EDU 196 or EDU 101 only.

**201. The Young Child: Discipline, Growth and Development (3)**

Study of growth and development from birth through eight years, including risk factors, developmental variations and patterns of specific disabilities, from cognitive, language and literacy, social/emotional, physical, and psychosexual perspectives. Prerequisite: PSY 101. (Fall)

**206. Nature of the Exceptional Child (3)**

Survey of atypical children including the gifted, with emphasis on nature, cause, and programming needs; other educational issues will be addressed. (Spring)

**220. Computers in Education (2)**

Fundamental skills and strategies related to instructional technology and its applications to the classroom. Prerequisites: EDU 111 and 195.

**251. Curriculum and Instruction for Secondary Education (3)**

Introduction to basic concepts for secondary education lesson planning, learning objectives, instructional strategies commensurate with the state teacher evaluation model, applied methodology in the content areas, and the needs of a diverse population in the classroom; topics include examination of state standards, curriculum guides, and related materials. Prerequisites: EDU 111, 195, and 295. (Spring)

**260. Health and Physical Education for the Classroom Teacher (3)**

Study of foundations of health and physical education instruction relevant to the classroom teacher; topics include: mental and emotional well-being, nutrition, personal fitness, diseases, substance use/abuse, liability/safety issues, movement concepts, age-appropriate motor skill development, games and classroom activities, and integration.

**295. Field Experience #2 (1)**

Observation, lesson planning and delivery, and reflection on various instructional strategies under the supervision of a certified teacher; service learning projects will be completed with children and youth in an educational setting. Prerequisite: "C" or better in EDU 111 and EDU 195. Corequisite: PSY 205.

**321. Teaching Language Arts (3)**

Study of methods, materials, and activities for teaching language arts skills, including listening, reading, speaking, and writing. Prerequisites: ENG 101, 102. (Spring)

**322. Literature for Children (3)**

Intensive study of literature for elementary students, including analysis, evaluation and review of selections from American, European, and non-western cultures. Same as ENG 322. Prerequisite: ENG 101 and 102. (Spring)

**324. Literature for Young Adults (3)**

Intensive study of literature for middle and secondary students, including analysis, evaluation and review of selections from American, European and non-western cultures Prerequisites: ENG 101 and 102. Same as ENG 324. (Fall)

**330. Visual and Performing Arts for the Classroom Teacher (4)**

Study of art, music, drama and dance for the classroom teacher. (Fall)

**335. Methods and Materials for Teaching Social Studies (3)**

Survey of methods, materials and current research relating to the teaching of social studies in early childhood and elementary education classrooms. Prerequisites: EDU 321. (Spring)

**350. The Young Child: Curriculum (3)**

Study of educational programs for young children with emphasis on history of early childhood education, current trends, and issues; topics include analysis of classroom design, selection of appropriate materials for young children, instructional planning, developmentally appropriate assessment, referral sources, modifications for children with disabilities, and parent/home relationships and communication.

**355. Methods and Materials in Early Childhood Education (3)**

Study of developmentally appropriate instructional practices for young children in kindergarten and the primary grades; topics include literacy, math, science, social studies, health/safety, art, music, drama, movement, and appropriate accommodation strategies.

**395-B. Field Experience #3 in Music (1)**

Teacher candidates study comprehensive foundations in music education that include social, psychological, and philosophical perspectives.

**395-C. Field Experience #3 in Art (1)**

Application of methods for lesson plans and the teaching of reading and other basic skills. Prerequisites: EDU 195 and 295. Corequisite: Art 382. (Fall)

**405. Professional/Classroom Portfolios (3)**

Study, research and development of professional portfolios and a classroom portfolio plan. Prerequisites: Junior or Senior standing or a Teaching Certificate/License

**410. Classroom Management/Conflict Resolution (3)**

Study of techniques for effectively managing PK-12 classroom environments as well as conflict resolution; Early Childhood, Elementary, and Special Education majors will take this course in the fall and all other education majors will take this course in the spring.

**411. Educational Psychology (3)**

Study of the interrelationships of growth, development, and learning; topics include theories of physical and cognitive development, learning theories, methods and modes of teaching, testing and measurement, classroom management, and research. (Fall and Spring)

**421. Methods and Materials for Teaching Science (3)**

Study of skills and methods of the theory and practice of teaching science, with emphasis on the content and process of science and student-centered approaches to science, including discovery, inquiry, and experimentation. Prerequisites: Completion of general education science requirements.

**435. Characteristics of the Learning Disabled (3)**

Study of the cognitive, social, and emotional characteristics of the learning disabled population.

**436. Procedures for Teaching Learning Disabled (3)**

Study of instructional strategies used in teaching and evaluating students with learning disabilities in resource and self-contained classrooms as well as general education classrooms. Prerequisite: EDU 435 or permission of instructor.

**440. Methods and Materials for Teaching Beginning Reading (3)**

Study of the reading process, difficulties encountered by students, and factors relating to the reading problems for children. (Senior Fall Block)

**442. Methods and Materials for Teaching Transitional Reading (3)**

Study of teaching reading at the immediate level with an emphasis on study skills, critical thinking, problem solving, literature and assessment techniques. (Senior Fall Block)

**443. Field Experience #3 for Early Childhood, Elementary, and Special Education (3)**

Application of methods and approaches under direction of college supervisors and cooperating teachers. (Senior Fall Block)

**451. Methods and Materials for Secondary Teaching (3)**

Study of secondary schools, the student, and the teaching and learning process. Prerequisites: EDU 195, 251, 295, and junior standing. (Fall)

**452. Content Reading in Secondary School (3)**

Study of practices, materials, and diagnostic tools useful in developing effective reading techniques in middle and secondary students. Prerequisites: Junior/senior standing. (Spring)

**460. Assessment and Instructional Decision Making for Learning Disabilities (3)**

Study of and experience in using assessment strategies for screening, placement, individualized educational planning, program evaluation, and monitoring student progress with learning disabilities.

**484/495. Field Experience #4: Directed Teaching in Special Education Learning Disabilities and Elementary (12)**

This course provides teacher candidates with 70 days to learn to teach under the guidance and direction of certified, experienced classroom teachers and College supervisors. Candidates will be placed in a split student teaching experience for two seven-week periods that will provide opportunities to incorporate theory with practice. Special course fee, \$100. May be repeated only by permission of the Director of Teacher Education and the Academic Dean.

**494/495. Field Experience 4: Directed Teaching in Early Childhood and Elementary School (12)**

Placement in a split student teaching experience that provides opportunities to incorporate theory with practice under the direction of classroom teachers and college supervisors. Prerequisites: "C" or better in all professional education courses and/or courses in the major. Special course fee \$100. Repeated only by permission of Director of Teacher Education and Academic Dean.

**495. Field Experience 4: Directed Teaching in Elementary School (12)**

Placement in a student teaching experience that provides opportunities to incorporate theory with practice under the direction of classroom teachers and college supervisors. Prerequisites: "C" or better in all professional education courses and/or courses in the major. Special course fee \$100. Repeated only by permission of Director of Teacher Education and Academic Dean.

**496. Directed Teaching in Secondary School (12)**

Placement in a student teaching experience that provides opportunities to incorporate theory with practice under the direction of classroom teachers and college supervisors. Prerequisites: "C" or better in all professional education courses and/or courses in the major. Special course fee \$100. Repeated only by permission of Director of Teacher Education and Academic Dean.

**Kinesiology (KIN)****Associate Professors Lehwald, Rutland; Assistant Professor Walker**

The general education requirement in physical education can be met by completing any one-hour activity course, numbered 101-117 or by HPS 135. Students may receive credit toward graduation for a maximum of two activity courses. Veterans may exempt the physical education requirement by presenting a request to the Registrar. The general education requirement in physical education can be satisfied by one or more ROTC courses.

**101-117. Activity Classes. (1)**

Knowledge, skills, and participation in various physical activities; evidence of health status may be required.

**101. Basketball****103. Beginning Tennis****104. Badminton****105. Golf****106. Weight Training****107. Fitness Jogging****108. Fitness Walking****109. Aerobics****110. Fitness Swimming****113. Karate****114. Racquetball****115. Advanced Karate****117. Intermediate Tennis****121. Sports Officiating (1)**

Study of rules and techniques for officiating softball, basketball, volleyball, and football; practical experience opportunities offered during intramural competition.

**132. Introduction to Physical Education and Sport Studies (3)**

Study of roles and responsibilities of professionals in physical education and sport studies., the relationship of the field to education, its history, current trends and philosophies that underlie its sub-disciplines. Career opportunities will also be explored.

**135. Lifetime Wellness****(2)**

Survey of concepts of lifetime physical fitness and health; topics include positive effects of exercise on the heart and blood vessels, obesity and proper diet, body mechanics, stress management and other contemporary health-related problems.

**140. Skill & Analysis of Team Sports****(3)**

Development of skill and study of curriculum content, instructional design and delivery, classroom management, observation & analysis of movement performance, and assessment of student progress; activities typically include basketball, football, soccer, volleyball, softball, and field hockey. Prerequisite: HPS major or permission of instructor. (Fall)

**150. Skill & Analysis of Individual & Dual Sports****(3)**

Development of skill and study of curriculum content, instructional design and delivery, classroom management, observation & analysis of movement performance, and assessment of student progress; activities typically include badminton, golf, tennis, bowling, and pickleball. Prerequisite: HPS major or permission of instructor. (Spring)

**160. Skill & Analysis of Swimming/Physical Conditioning****(1)**

This course is designed for student participation in swimming for half of the semester and physical conditioning for the other half. Swimming will focus on skills for safety and performance fundamentals. Physical conditioning will focus on the fundamentals of progressive resistance exercise and physical fitness concepts. Required of all students in the HPS Teacher Certification Program. Prerequisite: HPS major or permission from instructor. (Spring)

**170. Skill & Analysis of Gymnastics/Dance****(1)**

Half of the course will involve the development of skill and observational techniques related to activities of basic tumbling and educational gymnastics. The other half of the course will involve participation in and the teaching of rhythmic movements, square dance, multicultural folk dances and the cultures they represent. Prerequisite: HPS major or permission of instructor. (Fall)

**210. Coaching Methods of Basketball, Baseball and Softball****(3)**

Study of game strategies, organization, skill development and analysis, and safety concerns; all students participate in basketball (1/2 semester) and choose between baseball/softball (1/2 semester).

**211. Coaching Methods of Soccer, Volleyball and Football****(3)**

Study of game strategies, skill development, organizational issues, and safety concerns; all students participate in soccer (1/2 semester) and choose between volleyball/football (1/2 semester).

**212. Coaching Methods of Track & Field****(2)**

Study of planning strategies, skill analysis, skill development, and meet management.

**227. Care and Prevention of Exercise Injuries (3)**

Study of theoretical and practical methods of preventing, treating, and rehabilitating injuries that occur during sport and exercise; topics include taping and bandaging; first aid and CPR certification; massage; use of physical therapy modalities. A \$10.00 lab fee is required. (Fall)

**236. Computer Applications in Physical Education (2)**

Introduction to technology in the practice and management of a physical education class and as a source of instructional information. Prerequisite: HPS major.

**260. Motor Development and Learning (3)**

Study of motor development and physical changes across the lifespan with emphasis on the sequential process of motor behavior, factors influencing skill development and learning, and optimal conditions. (Fall)

**289. Measurement and Evaluation (3)**

Study of methods in measuring and evaluating physical performance, knowledge and attitudes, procedures for evaluating tests and their results and data analysis techniques. Prerequisites: MAT 201 and MAT 202. (Fall)

**301. Exercise Physiology I (3)**

Introduction to the physiological effects of human physical activity; topics include neuromuscular, cardiovascular-respiratory and metabolic responses and adaptations to exercise and training. Prerequisite: BIO 201 or permission of instructor. (Fall)

**310. Organization and Administration of Sport and Physical Education (3)**

Introduction to basic principles of organizing, managing, and evaluating sport and physical education programs, the principles of finance and fundraising as applied to sport and physical education; and related topics for the development of all managers in sport-related careers. (Fall)

**321. Sport and Exercise Psychology (3)**

Survey of psychological principles applicable to coaching and exercise situations; topics include the understanding of participants, sport and exercise environments, and group processes; enhancing performance, health and well-being; and facilitating psychological growth and development. (Spring)

**333. Elementary Physical Education Methods (3)**

Introduction to teaching physical education in grades K-6 that is designed especially for the physical education student. The course focuses on movement concepts, fitness and motor development of young learners and how to organize, plan, and implement that content through activities. Prerequisite: Admission into Teacher Education Program as a HPS major. Corequisite HPS 334. (Spring semester only)

**334. Field Experience in Elementary School Physical Education (1)**

Placement in an elementary school setting; instructional design and delivery of age appropriate, standards-based content. Prerequisites: Admission into Teacher Education Program as a HPS major. Corequisite: HPS 333.

**335. Sport in Society (3)**

Study of the nature, function, and relationships of sport and society; topics include recreational, educational, and professional sport in social and cultural contexts and the social variables that affect participation are presented.

**340 Kinesiology (3)**

Anatomical and kinesiological principles involved in movement and sport skills; includes anatomy, movement terminology, muscle mechanics and function and analysis of motor skills. Prerequisite: BIO 201. (Fall)

**365. Nutritional Aspects of Health/Human Performance (3)**

Detailed study of nutrition emphasizing structure, function, and selection of food to improve health and human performance; topics include estimation of energy needs, fluid balance, food fads, and nutritional needs of the body during various stages of life. Prerequisite: HPS 135 or permission of instructor. (Spring)

**383. Secondary Physical Education Methods (3)**

Study of content, teaching behavior, delivery of instruction, and lesson planning in the secondary school. Prerequisite: Admission to the Teacher Education Program. Corequisite: HPS 384. (Fall)

**384. Field Experience in Secondary Physical Education (1)**

Application of curriculum and instructional theories and principles to students in secondary schools. Prerequisites: HPS 333, HPS majors only, admission to the Teacher Education Program. Corequisite: HPS 383. (Fall)

**389. Research Methods in the Exercise/Health Sciences (3)**

Design and application of research projects measuring cognitive, affective and psychomotor performance; including statistical procedures and interpretation of published research in the discipline. Prerequisites: MAT 201 and MAT 202. (Spring)

**401 Exercise Physiology II (3)**

Principles of human physiology, neuromuscular, cardiovascular-respiratory and metabolic responses to exercise with special emphasis on the application of physiological findings to practical problems related to human physical activity such as diet, environmental conditions, gender, body composition, and health aspects. Prerequisites: HPS 301 and BIO 201. (Spring)

**403. Adapted Physical Education (3)**

Study of the historical development of adapted physical education, the IEP process, characteristics of various conditions, and the inclusive adaptations of physical education to the needs of individuals with disabilities. Prerequisites: HPS major, admittance into teacher education program or permission of instructor. (Fall)

**440. Biomechanics**

**(3)**

Study of mechanical principles of human movement; topics include basic mechanics, kinematics, kinetics and modeling of human movement. Emphasis is on the quantitative analysis of human movement. Prerequisites: HPS 340 and BIO 201. (Spring)

**457. Advanced Athletic Training**

**(3)**

Advanced study of prevention, evaluation, and rehabilitation of sport and exercise injuries and the medical/surgical procedures and consequences to be considered in treatment programs. Prerequisite: HPS 227. A \$5.00 lab fee is required.

**470. Scientific Principles of Conditioning and Fitness**

**(3)**

Designing and implementing individualized, scientifically based exercise prescriptions for athletic conditioning or physical fitness development, including development of muscular strength and endurance, aerobic and anaerobic power, flexibility, and weight control or reduction. Prerequisite: HPS 301 and HPS 340. (Fall)

**475. Exercise Diagnosis and Prescription**

**(3)**

Study of exercise physiology and exercise prescription for clinical populations with particular attention on the study of acute and chronic responses to exercise in patients with cardiac, pulmonary, metabolic, and musculoskeletal diseases; special topics include pathophysiology of the disease process, clinical assessment of disease severity, exercise testing in clinical populations, exercise prescription in medium and high-risk clinical populations. Prerequisites: HPS 301 and BIO 201. (Spring)

**480. Practicum in Exercise and Sport Science**

**(1-4)**

Placement in exercise science laboratories, sport and fitness facilities, or clinical settings for experiential learning opportunities under the supervision of professionals and college faculty. Prerequisites: HPS 301 and permission of instructor.

**490. Senior Seminar in Exercise Science**

**(3)**

Examination of various topics related to current science and issues regarding athletic performance, fitness, health, and nutrition. Prerequisites: Senior standing, HPS 301, and permission of instructor.

**492. Current Topics in Kinesiology**

**(3)**

Examination of various topics related to current science and issues regarding human performance, fitness, health, and nutrition. Prerequisites: senior standing, HPS 301, and permission of instructor.

**498. Directed Research in Physical Education and Exercise Science**

**(1-3)**

On-campus study or research experience under a specialist in student's field of interest; arranged through the Exercise Science Program Coordinator. Prerequisites: HPS 389 and permission of the instructor.