selected issue areas such as energy, democratization, food supplies, and infectious diseases. Emphasis is on active learning strategies, introducing the analytical tools used for analysis of international trends and addressing questions of how to respond in a manner that promotes global justice.

**JUST/POSC 392. Peace Studies.** 3 credits. Offered spring.

A study of the evolution, theory and practice of peace studies. The course focuses on how we wage and resolve conflict, how we affect social change, and how we provide for security through nonviolent means.

**JUST 400. Senior Seminar in Justice Studies.** 3 credits. Offered fall and spring.

The capstone course for the justice studies major. Students are expected to enter JUST 400 with a proposed area of study and will spend the semester in developing a thesis. Class discussion and review of individual projects along with oral presentation of work are integral parts of the course. Students are expected to produce a piece of original scholarship related to their major. Prerequisites: JUST 200 and JUST 201, admission to the major and senior standing.

**JUST 401. Internship in Justice Studies.** 4 credits. Offered fall and spring.

This course allows students to receive academic credit for work experienced in an agency or organization related to the justice studies major. Students should consult the justice studies director for assistance in arranging approved internships. Prerequisites: JUST 200 and JUST 201. Successful completion of a minimum of four additional justice studies courses.

**JUST 402. Advanced Research in Justice Studies.** 3 credits. Offered fall and spring.

This course is designed to give students a context in which to pursue advanced research in a justice studies context. It is especially appropriate for students interested in graduate study in the field. Prerequisites: JUST 200 and JUST 201. Successful completion of four additional justice studies courses.

**JUST 499. Honors.** 6 credits. Year course.

Year course. An independent research topic initiated and completed by qualified majors wishing to graduate with distinction.

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### Kinesiology

**Department of Kinesiology**

**KIN 100. Lifetime Fitness and Wellness (2, 2).** 3 credits. Offered fall and spring.

This course is designed to help students adopt and maintain the behaviors associated with an active and healthy lifestyle. Throughout this course students will learn the importance of maintaining wellness through a physically active lifestyle. Through lectures and labs, students study and develop the behavioral patterns consistent with the current knowledge base in fitness and wellness.

**KIN 101. Adapted Activities in Kinesiology (0, 2).** 1 credit. Offered fall and spring.

Designed for students with severe medical restrictions and is adapted to individual needs. May be taken credit/no credit only. Prerequisites: Recommendation of university physician and permission of the department head.

**KIN 122-180. Basic Instruction Activities (0, 2).** 1 credit. Offered fall and spring.

The following courses provide basic instruction in the activities listed: 122, Road Cycling; 123, Mountain Cycling; 124, Basic Rock Climbing and Experiential Activities; 125, Tennis; 126, Golf; 128, Fencing; 129, Badminton; 131, Basic Skiing; 132, Snowboarding; 133, Bowling; 138, Racquetball; 139, Basic Paddle Sports: Canoeing or Kayaking; 140, Basic Swimming; 145, Strength Training and Cardiovascular Conditioning; 148, Jogging; 149, Group Fitness; 151, Swim Conditioning; 152, Lifesaving Life guarding; 156, Scuba and Skin Diving; 157, Self Defense for Women; 158, Aikido; 159, Basic Aerobic Kickboxing; 162, Intermediate Swimming; 163, Intermediate Tennis; 174, Water Safety Instructor; 179, Volleyball; 180, Soccer. May be taken credit/no credit only.

For more specific course information, contact the department office (568-8145). Fees are assessed in certain core courses to cover equipment and/or facility rental. Please refer to e-campus for prevailing fees. The university reserves the right to cancel any class should suitable facilities be unavailable and to alter fees in the event of unusual inflation. Students must furnish their own transportation to bowling, canoeing, golf and skiing classes.

**KIN 190. Basic Sports Officiating.** 1 credit. Offered fall and spring.

This course will teach the fundamentals and skills necessary for officiating sports (football, basketball, softball or soccer) at any level. It will also focus on developing an officiating philosophy, understanding the psychology of officiating, being physically prepared to officiate, understanding the responsibilities of officiating and knowing how and where to work as an official. May be taken credit/no credit only.

**KIN 199. New Directions in Kinesiology.** 1-3 credits. Offered fall and spring.

In-depth exploration of topics significant in kinesiology. Topics for each semester will be announced on e-campus.

**KIN 201. Introduction to Kinesiology.** 2 credits. Offered fall and spring.

Students are introduced to the discipline of kinesiology and recreation. They will study the effects of physical activity on human beings; survey the subdisciplines, including exercise physiology, biomechanics, motor behavior and sociological, historical and philosophical perspectives; and discuss how the discipline can be applied professionally.

**KIN 202. Biological Foundations of Kinesiology.** 3 credits. Offered fall and spring.

Introduction to the biological scientific foundations within the discipline of kinesiology and recreation. Includes applied anatomy and physiology, biomechanics and exercise physiology. Prerequisite: KIN 201.

**KIN 203. Social/Psychological Foundations of Kinesiology.** 3 credits. Offered fall and spring.

The focus of this course is on exploring the socio/psychological perspectives of participation in activity through the lifespan. Prerequisite: KIN 201.

**KIN 211-218. Coaching Techniques (0, 4).** 2 credits. Offered fall and spring.

The following courses provide motor skills, strategy, rules and officiating techniques in the activities listed: 211, team; 212, track and field; 213, soccer; 214, football; 215, basketball; 216, individual; 217, volleyball; 218, softball.

**KIN 221-225. Skill Laboratories.** 2-10 credits. Offered fall and spring.

The skill laboratories are designed for participants who will be in a role of educating others in a particular area of movement. Each skill laboratory provides: a) basic movement skills, b) analysis of movement, c) developmentally appropriate progressions and teaching ideas, d) curriculum development, and e) microteaching opportunities. These courses are: KIN 221. Rythmic and Dance Activities; KIN 222. Teaching Fitness and Wellness in the Schools; KIN 223. Individual and Lifetime Activities; KIN 224. Court and Field Games; KIN 225. Wilderness and Adventure Education.

**KIN 241. Introduction to Sport and Recreation Management.** 3 credits. Offered fall and spring.

Introduces the sport and recreation management professions in governmental, voluntary, private, public, and commercial settings. Outlines development of sport and recreation and the evolution of the mega-leisure industry. Overviews professional preparation in sport and recreation management. For sport and recreation management majors, this course is a prerequisite for all upper level courses.

**KIN 242. Introduction to Sport Communication.** 3 credits. Offered fall.

This class provides a foundation for students who are pursuing a minor in sport communication. The course provides an overview about information management and how it applies to the professional sporting industry. Students will learn about careers in sport information, how an organization communicates with the media and its constituents, and how communication in sport has evolved and continues to evolve.

**KIN 302. Exercise Physiology.** 3 credits. Offered fall and spring.

This course is designed to help the student explore and understand the physiological changes that occur during an acute bout exercise, and the resultant chronic physical training. Students will study the role various (e.g. cardiovascular, respiratory, nervous, neuro-endocrine and renal etc.) systems play in maintaining homeostasis during physical activity. In addition, the physiology of physical performance under a range of environmental conditions will also be examined. This course must be taken concurrently with KIN 302L. Prerequisites: KIN 202 and BIO 270 or BIO 370. Corequisite: KIN 302L.

**KIN 302L. Exercise Physiology Laboratory.** 1 credit. Offered fall and spring.

Laboratory exercises in exercise physiology. This course must be taken concurrently with KIN 302. Corequisite: KIN 302.

**KIN 303. Motor Learning and Performance.** 3 credits. Offered fall.

Laboratory exercises in exercise physiology. A study of the learning processes underlying performance. Emphasis is given to the application of learning principles in teaching, coaching and rehabilitative settings.

**KIN 304. History and Philosophy of Physical Education and Sport.** 2 credits. Offered fall and spring.

Introductory analysis of various theoretical approaches to the discipline of physical education fitness and sport; brief historical study of the development of school programs and sport; and debates current professional issues.

**KIN 306. Human Biomechanics (2, 2).** 3 credits. Offered fall and spring.

Studies of anatomical, physical and mechanical factors, as these factors affect human movement. This course must be taken concurrently with KIN 306L. Prerequisites: BIO 290 and KIN 202. Corequisite: KIN 306L.

**KIN 306L. Human Biomechanics Laboratory.** 1 credits. Offered fall and spring.

This laboratory course is designed to complement and supplement the lecture course KIN 306. The course will focus on enhancing the student’s understanding of the relationship between the body and sport. The course includes laboratory experiences in biomechanics. This course must be taken concurrently with KIN 306. Corequisite: KIN 306.
KIN 310. Instructional Methods in Physical Education. 3 credits. Offered fall.
Students will apply the affective, cognitive and psychomotor principles in class management, unit and lesson planning, and instructional techniques. This course introduces students to effective teaching strategies and allows application through peer microteaching and teaching students in a school setting. Principles of self-evaluation and reflective teaching are reinforced. Prerequisite: Admission to the PHETE program. Corequisite: KIN 311.
KIN 311. Elementary Curriculum in Physical Education. 2 credits. Offered fall.
Theory and application of games, dance and gymnastic activities compatible with the developmental characteristics of elementary children and the educational objectives of the elementary school. Prerequisite: Acceptance to the PHETE program. To be taken concurrently with KIN 310.
KIN/HTH 312. The Profession of Teaching Health & Physical Education. 2 credits. Offered fall.
Introductory study of the roles of the teacher and the learner and the pedagogical content knowledge of health and physical education. An in-depth examination of the unique position and qualifications of the specialist in physical education and health. Systematic observations will occur.
KIN 313. Adapted Physical Education. 3 credits. Offered fall.
Principles and procedures for adapting elementary physical education programs for students with physical, emotional and mental limitations. Laboratory experience included. Prerequisite: Acceptance to teacher education. Corequisite: KIN 310.
KIN 314. Assessment in Elementary Physical Education. 3 credits. Offered spring.
Introductory study of developmentally appropriate authentic and formal assessment techniques unique to elementary physical education. Prerequisites: Admission to student teaching. KIN 315. Adolescent Behavior and Health for PHETE. 3 credits. Offered spring.
Course is designed to focus on the study of current health status and health risk behaviors of children and adolescents. Focus on epidemiological trends and behavioral and etiological factors. The application of theory will be made regarding appropriate strategies for health promotion and interventions to reduce specific health problems for teachers in public school settings. Prerequisite: Admission to the PHETE program.
KIN/PSYC/SCI 329. Psychological and Sociological Aspects of Sport. 3 credits. Offered spring.
A study of the psychological and sociological implications of sport and the effect of sport on the United States and other cultures.
KIN 332. Introduction to Marketing in the Sport Industry. 3 credits.
This course will introduce students to the application of basic principles of marketing and consumer behavior to the managed sport industry (i.e., professional sport, intercollegiate athletics, commercial fitness, sporting goods). This course will provide a foundation for students to engage in advanced work in marketing, consumer behavior, and related fields. Prerequisite: Kinesiology major and KIN 241. Corequisite: KIN 333.
KIN 333. Management in Sport, Recreation and Fitness Settings. 3 credits. Offered fall and spring.
This course will provide students with the knowledge to apply the management principles and theories to specific professional organizations in the sport and recreation industry. Sport and recreation management applications covered include administration principles for specific organizations, human resource management, fiscal management, marketing, and risk management. Prerequisites: KIN 241 or permission of the instructor.
KIN 353. Maximizing Sport Performance. 3 credits. Offered fall and spring.
This course will explore current sport psychology theories, models and concepts as they relate to sport behavior and performance. Students examine the theoretical basis of cognitive sport skills and apply the information to the sport environment.
KIN 355. Introduction to Driver Education. 3 credits.
An introduction to the task of the motor vehicle operator within the highway transportation system and factors that influence performance ability. Prerequisites: Junior standing and permission of the instructor.
KIN 407/HTH 441. Rehabilitative Biomechanics. 3 credits. Offered fall and spring.
This course will examine a variety of biomechanical concepts and applications as related to the health professions. Specific attention will be given to the biomechanical aspects of the musculoskeletal system. Prerequisite: BIO 290.
KIN 410. School Health Content for PHETE. 3 credits. Offered spring.
An overview of selected topics in health content required for teacher candidates preparing to teach health education in public schools. Special emphasis will be on issues relevant to teaching those topics in schools. Prerequisite: Admission to the PHETE program.
KIN 411. Measurement and Evaluation in Kinesiology. 3 credits. Offered fall and spring.
The administration and interpretation of measurement and evaluation procedures in kinesiology and recreation.
KIN 420. Exercise Programming for Special Populations. 3 credits. Offered spring.
This course will include an in-depth study of the recommended procedures for exercise testing and prescription for non-diseased special populations, children and youth, elderly, women and pregnant women. Corequisites: KIN 302 and KIN 302L.
This course will examine the principles of exercise testing and prescription as they apply to fitness, performance and health. The role-played by the health related components of fitness in performance and health of apparently healthy adults and special populations will be examined. This course must be taken concurrently with KIN 421L. Prerequisites: KIN 302 and 302L. Corequisite: KIN 421L.
KIN 421L. Principles of Exercise Testing and Prescriptions Laboratory. 1 credit. Offered fall.
This laboratory course is designed to complement and supplement the lecture course KIN 421. The course will focus on enhancing the student’s exercise testing skills and knowledge with particular attention to preparing the student for the Health/Fitness Instructor certification examination sponsored by the American College of Sports Medicine. The laboratory (KIN 421L) and lecture (KIN 421) portions must be taken concurrently. Prerequisites: KIN 302 and KIN 302L. Corequisite: KIN 421.
KIN 424/NUTR 455. Theories and Practices of Weight Management. 3 credits. Offered spring.
An examination of the physiological, psychological and environmental theories of obesity. Current trends in obesity research are emphasized. A case study and laboratories are used to provide students with practical experience in constructing a weight management program. Prerequisite: BIO 270, BIO 290, NUTR 280 or permission of the instructor.
KIN 425. Concepts of Strength and Conditioning. 3 credits. Offered fall and spring.
Theory and application of coaching concepts in strength/conditioning training including program design, testing and specific techniques for the physical development of athletes. Designed for students interested in working with athletic populations, this course also prepares students for NSCA certification. Prerequisites: KIN 100 and KIN 202.
KIN 426. Physical Activity Behaviors. 3 credits. Offered fall and spring.
This course will focus on the theoretical and practical applications of behavior change related to healthy lifestyles with an emphasis on physical activity. In addition, course content will include a detailed investigation into the psychological and environmental factors associated with adoption and maintenance of healthy behaviors including a regular physical activity program. Prerequisite: Senior standing.
KIN 428. Advanced Topics in Exercise Science and Leadership. 3 credits. Offered spring.
This course is designed to allow students to study specific topics in exercise science and leadership. Topics will be chosen each semester and reflect current research in exercise science related to clinical exercise physiology, human performance and methodologies or trends in exercise science/leadership. May be repeated once (maximum six credits) for credit when course content changes. Prerequisites: KIN 302 and KIN 302L.
KIN 434. Ethical and Legal Issues in Sport, Recreation and Leisure. 3 credits. Offered spring and fall.
This course is designed to introduce students to current ethical and legal issues of concern to professionals in sport, recreation and leisure studies. Students will examine the impact of these issues on organizational and managerial policies and decision-making. Prerequisites: KIN 241 and KIN 333.
KIN 435. Sport Sales and Promotion. 3 credits. Offered fall and spring.
This course will examine how promotional activities and sales efforts are closely intertwined and impact upon the success or failure of the sport and leisure industry. Particular emphasis will be placed on ticket sales and sport sponsorship. Prerequisites: KIN 241, KIN 333 and SCOM 260.
KIN 436. Facilities Planning and Management in Sport and Recreation. 3 credits. Offered fall and spring.
The purpose of this course is to enhance the understandings and skills necessary to be part of a facilities planning team and assume an entry-level facilities management position. Prerequisites: KIN241 and KIN 333.
KIN 450. Principles of Coaching. 3 credits. Offered spring and fall.
Concepts, competencies and principles of coaching as they relate to sports in general. Includes the personal and professional responsibilities of a coach.
KIN 455. Methods in Driver Education (2, 2). 3 credits.
Analysis of the rules and regulations governing driver education in the Commonwealth of Virginia with application to program organization and...
administration, and the development and conduct of learning experiences in the classroom and laboratory. Prerequisites: Valid Virginia operator's license and KIN 355.

KIN 471. Practicum in Exercise Science and Leadership. 3 credits. A sequence of selected practicum experiences in exercise science and leadership, which provide the student with supervised practicum experience. Formerly KIN 401B. Prerequisite or corequisite: KIN 302.

KIN 472. Practicum in Sport and Recreation Management. 3 credits. A sequence of selected practicum experiences which provides the student with supervised practicum experience in Sport and Recreation Management. Prerequisites: KIN 241 and KIN 333.

KIN 473. Practicum in Coaching. 3 credits. A sequence of selected practicum experiences in coaching, which provides the student with supervised practicum experience. Formerly KIN 401D.

KIN 474. Practicum in Sport Communications. 3 credits. A sequence of selected practicum experiences which provides the student with supervised practicum experience in sport communications. Formerly KIN 401F.

KIN 480. Student Teaching in Physical Education. 8 credits. Offered spring. Enables students to apply skills and attitudes acquired in all teacher education components in a public school setting. Conducted under the guidance of an experienced teacher and university faculty in an elementary setting. Prerequisite: Acceptance to student teaching.

KIN 481. Internship in Exercise Science and Leadership. 8-12 credits. A full-time professional experience in exercise and leadership, which affords the opportunity to apply theory and methodology under qualified supervision from the cooperating agency and the university. Students may enroll for an internship experience of 8-12 credit-hours, requiring the student to complete 320-480 fieldwork hours. Prerequisite: Successful completion of all professional courses. Formerly KIN 402B.

KIN 482. Internship in Sport and Recreation Management. 12 credits. A full-time professional experience which affords the opportunity to apply theory and methodology under qualified supervision from the cooperating agency and the university. Prerequisite: 100 semester hours completed, GPA of 2.0 or better, both overall and in major classes. All courses in the sport and recreation major must be completed (excluding courses in the minor). Students on academic probation are not eligible for the internship.

KIN 490. Special Studies in Kinesiology and Recreation. 1-3 credits each semester. Offered fall and spring. Designed to give superior students in kinesiology and recreation an opportunity to complete independent study and/or research under faculty supervision. Prerequisite: Permission of the department head.

KIN 499. Honors. 6 credits. Year course. Offered fall and spring.

Korean

Department of Foreign Languages, Literatures and Cultures KOR 101-102. Elementary Korean (4, 1). 4 credits each semester. Offered fall and spring. The fundamentals of Korean through listening, speaking, reading and writing. Practice in pronunciation and development of comprehension. One hour's work a week in the language lab.

KOR 231-232. Intermediate Korean. 3 credits each semester. Offered fall and spring. A thorough review of grammar, vocabulary building, conversation, composition and reading. Prerequisite: KOR 102 or permission of the instructor.

Latin

Department of Foreign Languages, Literatures and Cultures LAT 101-102. Elementary Latin. 4 credits each semester. Offered fall and spring. An introductory course for students who intend to acquire only a reading knowledge of classical and medieval Latin. Systematic study of the fundamentals of grammar.

LAT 231-232. Intermediate Latin. 3 credits each semester. Offered fall and spring. An introduction to Latin literature. The further study of Latin grammar and the elements of Latin poetry are also presented. Prerequisite: One year of college Latin or equivalent.

LAT 446. Special Topics in Latin Literature. 3 credits. Study of a particular topic in Latin literature. It may cover all or specific Latin literature genre. May be repeated if content changes. Prerequisites: LAT 232 or permission of the instructor.

Learning, Technology and Leadership Education

College of Education

LTLE 150. Information in Contemporary Society. 3 credits. Offered annually. Concerns the individual's need for information, especially that which will assist in solving problems related to everyday needs and interests and with the agencies and resources which can help to meet those needs. Will not count as social science course for teacher licensure.

LTLE 240. Introduction to Human Resource Development. 3 credits. An introduction to the role and scope of human resource development with particular emphasis on required competencies for HRD professionals. Critical moral and ethical issues are introduced. Prerequisites: Must be declared in educational media minor.

LTLE 245. Leadership in Organizational Settings. 3 credits. Offered as needed. An examination of the principles of leadership and their application to group settings. Emphasis will be placed on the critical appraisal of the facets of leadership through the use of cases and readings. Prerequisites: Must be declared in educational media minor.

LTLE 332. Video Production. 1 credit. Offered fall. A basic understanding of the principles of video equipment along with skills in the use, set up and operation of editing applications.

LTLE 336. Photography in Education. 1 credit. Offered fall and spring. An introduction to the use and operation of 35mm SLR and digital cameras. Note: All needed equipment will be supplied.

LTLE 339. Production of Computer-based Material for Education. 1 credit. Offered spring. Creating educational material in a variety of media for computer-based presentations. Principles of creating visual messages will be examined.

LTLE 370. Instructional Technology. 3 credits. Offered fall, spring and summer. Principles and procedures of a teaching/learning process designed to provide reliable, effective instruction to learners through systematic application of instructional technology. Includes selecting, producing, evaluating and utilizing nonprint media and equipment for application to instruction.

LTLE 372. Visual Literacy. 3 credits. Offered spring. A structured internship experience designed to provide students with the role and scope of human resource development efforts. Minimum 400-hour experience required. Prerequisite: Must be declared in educational media minor.

LTLE 374. Photography for Learning. 1 credit. Offered annually. Students will develop a basic understanding of the principles of photography, including the use of related digital equipment and the 35mm SLR camera. Note: All needed equipment will be supplied.

LTLE 375. Selected Topics in Media. 1-3 credits. Offered spring. An in-depth study of a narrowly defined topic or practice in media. May be repeated for credit when course content changes.

LTLE 378. Video for Learning. 1 credit. Offered annually. Students will develop an intermediate understanding of the principles of instructional video design, production, and post-production editing including the use of related hardware and software. All needed equipment will be supplied.

LTLE 378. Web Design for Learning. 1 credit. Offered annually. Students will develop an intermediate understanding of the principles of Web site design including the use of html and design templates. Note: Server space will be provided for one semester. Students may move their Web sites to another server space afterward.

LTLE 380. Performance and Task Analysis in Human Resource Development. 3 credits. Offered as needed. Provides the basic skill level for students in the area of performance analysis and subsequent assessment. Particular emphasis is placed on actual analysis and assessment situations with application to program and curriculum design. Prerequisites: Human resource development minor and LTLE 240.

LTLE 385. Foundations of Instructional Design. 3 credits. Offered as needed. The purpose of this course is to apply instructional theory to the creation of instructionally sound education programs and materials.

LTLE 400. LTLE Internship. 3 credits. Offered as needed. A structured internship experience designed to provide students with the opportunity to contribute within an actual work setting the role and scope of human resource development efforts. Minimum 400-hour experience approved by the program coordinator. Credit may not be earned for both LTLE 400 and 401. Prerequisites: Adviser permission required.