

KINESIOLOGY-ACADEMIC (KINE)

Courses

KINE 100 Health and Wellness 1 Credit

Information concerning the benefits, positive effects, assessment, and implementation of healthy life styles.

Terms Typically Offered: Fall, Spring, Summer.

KINE 195 Independent Study 1-3 Credits

Course may be taken multiple times up to maximum of 6 credit hours.

KINE 200 Foundations of Kinesiology 3 Credits

Orientation to the history and philosophy of kinesiology and the development of various sub-disciplines. Introduction to career pathways.

Terms Typically Offered: Fall, Spring, Summer.

KINE 203 Human Nutrition 3 Credits

Introduction to the science of the effects of food on the body and the body's need for and utilization of essential nutrients.

Terms Typically Offered: Fall, Spring.

KINE 205 Introduction to Sport Management 3 Credits

Survey and introduction to the field of sport management.

Terms Typically Offered: Fall, Spring.

KINE 211 Methods of Lifetime, Individual, and Dual Activities 3 Credits

Instructional content (scope and sequence) and teaching methodology related to various individual, dual, and lifetime activities appropriate for K-12 physical education.

Terms Typically Offered: Fall.

KINE 213 Applications of Physical Fitness and Exercise Prescription 3 Credits

Exercise program design and prescription to meet individual needs, including assessment of existing exercise programs and evaluation of their effectiveness. Major components of cardio-respiratory endurance, muscular strength, muscular endurance, flexibility, and body composition discussed in detail.

Prerequisites: KINE 100; KINE 200 (may be taken concurrently).

Terms Typically Offered: Fall, Spring.

KINE 214 Methods of Team Activities 3 Credits

Instructional content (scope and sequence) and teaching methodology related to various team activities appropriate for K-12 physical education.

Terms Typically Offered: Spring.

KINE 251 Water Safety Instructor Course 3 Credits

Instructional content (scope and sequence) and teaching methodology related to various aquatic activities.

Terms Typically Offered: Spring.

KINE 256 Methods of Creative Play, Dance, Gymnastics, and Literacy 3 Credits

Instructional content (scope and sequence) and teaching methodology related to creative play, dance, gymnastics, and literacy activities.

Prerequisites: KINE 211 or KINE 214.

Terms Typically Offered: Spring.

KINE 260 School Health Education 3 Credits

School health issues. Emphasis on development of proper health attitudes and practices, teaching methodology, and application of health knowledge and practice in school and public health situations.

Prerequisites: KINE 100.

Terms Typically Offered: Fall, Spring.

KINE 265 Emergency Care 3 Credits

Knowledge and skills required to meet the needs of emergency care situations. Course leads to obtaining valid First Aid and CPR/AED for the Health Care Provider cards as well as experience associated with care and prevention of common injuries experienced by the physically active.

Terms Typically Offered: Fall, Spring.

KINE 296 Topics: 1-3 Credits

Course may be taken multiple times up to maximum of 15 credit hours.

KINE 297 Practicum 1-2 Credits

Work-oriented instruction involving the implementation of classroom or laboratory experience under the direct supervision of a faculty member.

Terms Typically Offered: Fall, Spring, Summer.

Course may be taken 4 times for credit.

KINE 301 Health and Fitness Assessment 3 Credits

Health and fitness testing and evaluation for children, athletes, and adults of all ages and abilities. Statistical techniques for exercise testing analyses.

Prerequisites: KINE 213.

KINE 303 Physiology of Exercise 3 Credits

Effects of various types of exercise on human body structure and function.

Prerequisites: KINE 213, BIOL 209/BIOL 209L, and KINE 301 (KINE 301 may be taken concurrently).

Corequisites: KINE 303L.

Terms Typically Offered: Fall, Spring.

KINE 303L Physiology of Exercise Laboratory 1 Credit

Effects of various types of exercise on human body structure and function.

Prerequisites: KINE 213, BIOL 209/BIOL 209L, and KINE 301 (KINE 301 may be taken concurrently).

Corequisites: KINE 303.

Terms Typically Offered: Fall, Spring.

KINE 307 Philosophy and Psychology of Coaching 3 Credits

Fundamental philosophical and psychological principles related to coaching competitive athletic teams.

Terms Typically Offered: Fall.

KINE 308 Philosophy and Psychology of Officiating 3 Credits

Exploration of athletic officiating through a philosophical and psychological perspective. Identification of professional requirements to enter the officiating field.

Terms Typically Offered: Spring.

KINE 309 Anatomical Kinesiology 3 Credits

Analysis of joint movement and muscular involvement during physical activity.

Prerequisites: BIOL 209/BIOL 209L.

Terms Typically Offered: Fall, Spring.

KINE 310 Methods of Exercise Instruction 3 Credits

Practical experience in teaching safe and effective exercise for multiple populations.

Prerequisites: KINE 213 and KINE 309.

Terms Typically Offered: Fall, Spring.

KINE 320 Methods of Teaching Physical Education in Elementary Schools 3 Credits

Exploration of the physical education content and teaching methods appropriate for elementary school education.

Prerequisites: EDUC 115, EDUC 215, and KINE 256.

Terms Typically Offered: Spring.

KINE 321 Physical Activity and Health in the Classroom 3 Credits

Integration of health and physical activity concepts in the gym and classroom. For education majors.

Terms Typically Offered: Fall, Spring.

KINE 330 Prevention and Evaluation of Injuries to the Physically Active 3 Credits

Procedures and techniques involved in preventing and evaluating common injuries associated with physically active individuals.

Terms Typically Offered: Fall, Spring, Summer.

KINE 333 Community Health 3 Credits

Introduction to the areas of epidemiology, disease prevention and control, environmental health, health care, injury prevention, and safety education.

Terms Typically Offered: Fall, Spring, Summer.

KINE 334 Sport Management 3 Credits

Theoretical and applied knowledge in management principles and techniques. Focus on the theory and practical applications of planning, leading, organizing and evaluating.

Prerequisites: KINE 200, KINE 205, and MANG 201.

Terms Typically Offered: Fall, Spring.

KINE 335 Sport in Society 3 Credits

Sociology of sport, covering the cultural traditions, social values, and psychosocial experiences of sport from antiquity to today.

Prerequisites: KINE 205.

Terms Typically Offered: Fall, Spring, Summer.

KINE 340 Sport Operations 3 Credits

Theoretical background and practical applications designed to provide a framework for the management of resources associated with planning, implementing, and evaluating festivals and special events.

Terms Typically Offered: Fall, Spring, Summer.

KINE 342 Sport Law and Recreation Risk Management 3 Credits

Legal duties, responsibilities, rights, and risk management techniques involved in sport and recreation.

Prerequisites: Junior status.

Terms Typically Offered: Fall, Spring.

KINE 345 Survey of Economics and Finance in Sport 3 Credits

Economic, financial, and managerial accounting concepts for sport.

Prerequisites: ECON 201 and KINE 205.

Terms Typically Offered: Fall, Spring.

KINE 350 Leadership and Ethics in Sport 3 Credits

Exploration of the various aspects of leadership. Survey of the development and application of moral and ethical values in sport administration settings.

Terms Typically Offered: Fall, Spring.

KINE 360 Motor Learning 3 Credits

Foundations of motor learning and the relation of motor performance to other aspects of behavior.

Terms Typically Offered: Fall.

KINE 370 Biomechanics 3 Credits

Application of mechanical principles and anatomical structure to human movement using quantitative analysis methods.

Prerequisites: BIOL 209/BIOL 209L and KINE 309.

Corequisites: KINE 370L.

Terms Typically Offered: Fall, Spring.

KINE 370L Biomechanics Laboratory 1 Credit

Application of mechanical principles and anatomical structure to human movement using quantitative analysis methods.

Prerequisites: BIOL 209/BIOL 209L and KINE 309.

Corequisites: KINE 370.

Terms Typically Offered: Fall, Spring.

KINE 394 Kinesiology Junior Seminar 1 Credit

Discussion and preparation for professional development in Kinesiology.

Prerequisites: KINE 303.

Terms Typically Offered: Fall, Spring.

KINE 395 Independent Study 1-3 Credits

Course may be taken multiple times up to maximum of 6 credit hours.

KINE 396 Topics 1-3 Credits

Course may be taken multiple times up to maximum of 15 credit hours.

KINE 397 Practicum 1-2 Credits

Course may be taken 5 times for credit.

KINE 399 Internship 1-6 Credits

Course may be taken multiple times up to maximum of 15 credit hours.

KINE 401 Organization, Management, and Legal Liabilities for Youth Fitness Programs 3 Credits

Approaches to organizational structures, administrative techniques, and long-term athletic development in youth fitness programs. Use of technology to measure fitness, legal and safety issues, and guiding youth to create their own fitness plans. Students will apply information from the course in K-12 teaching situations.

Terms Typically Offered: Fall, Spring, Summer.

KINE 402 Sport Marketing 3 Credits

Application of the principles of promotion and marketing to the sport and fitness industry, including the areas of professional sports, corporate fitness, college/high school athletics, clubs and resorts, and others.

Prerequisites: KINE 205 and MARK 231.

Terms Typically Offered: Fall, Spring, Summer.

KINE 403 Advanced Strength and Conditioning 3 Credits

Strength and conditioning program design and considerations based on activity and sport type.

Prerequisites: KINA 128, KINE 303/KINE 303L, and KINE 309.

Terms Typically Offered: Fall, Spring.

KINE 404 Clinical Exercise Physiology and Advanced Exercise Prescription 3 Credits

Clinical risk stratification for conducting health and fitness assessments. Exercise program design for healthy individuals and individuals with medically controlled disease.

Prerequisites: KINE 303/KINE 303L and KINE 309.

Terms Typically Offered: Fall, Spring.

KINE 405 Sports Nutrition 3 Credits

In-depth study of macronutrient metabolism as it relates to sport. Practical consideration in the use or non-use of carbohydrate supplements, vitamins, and/or other ergogenic aids.

Prerequisites: KINE 203 and KINE 303/KINE 303L.

Terms Typically Offered: Fall, Spring, Summer.

KINE 406 Governance and Communication in Sport 3 Credits

Overview of the laws and rules governing various sport organizations, from interscholastic to professional sport, as well as the major means of sport communication.

Terms Typically Offered: Fall, Spring, Summer.

KINE 408 Methods of Teaching Physical Education in Secondary Schools 3 Credits

Instructional strategies on a practical application level for prospective secondary physical education teachers preparatory to entry into student teaching. Field experiences are required to supplement lectures and discussions.

Prerequisites: EDUC 215, KINE 214, and KINE 301.

Terms Typically Offered: Fall.

KINE 411 Worksite Health Promotion 3 Credits

Worksite health promotion, including its description, planning, implementation, marketing, and evaluation.

Prerequisites: KINE 213.

Terms Typically Offered: Fall, Summer.

KINE 415 Physical Activity and Aging 3 Credits

Study of the dynamic relationship between physical activity and the aging process. Course focuses on the impact of physical activity on the physiological, psychological, and social well-being of older adults.

Prerequisites: KINE 303/KINE 303L.

Terms Typically Offered: Fall, Spring, Summer.

KINE 417 Health Behavior Change 3 Credits

Introduction to the areas of psychosocial, cultural, and situational factors that influence the voluntary behavior change process. Review of the theories related to health behavior.

Terms Typically Offered: Spring.

KINE 420 Therapeutic Interventions 3 Credits

Review of the theoretical underpinnings, scientific basis, and practical use of contemporary therapeutic techniques for the treatment of acute and chronic musculoskeletal injuries.

Terms Typically Offered: Fall, Spring.

KINE 430 Medical Conditions and Pharmacology in the Physically Active 3 Credits

Overview of the effects of selected, pre-existing, medical conditions, and pharmacological agents on physical activity.

Terms Typically Offered: Fall, Spring, Summer.

KINE 440 Clinical Anatomy 3 Credits

Application of anatomy as it relates to injury pathologies for future healthcare practitioners. Skill acquisition of clinical palpation, range-of-motion assessment, and manual muscle testing.

Prerequisites: KINE 309.

Terms Typically Offered: Summer.

KINE 480 Inclusive Physical Activity 3 Credits

Study of physical activities, modifications, and adaptations for individuals with disabilities.

KINE 487 Structured Research 1-3 Credits

Capstone research experience with a formal manuscript and presentation. Topic, methods, and writing are to be guided and approved by a faculty member.

Prerequisites: KINE 303, senior standing, and permission of instructor. Course may be taken multiple times up to maximum of 6 credit hours.

KINE 494 Kinesiology Senior Seminar 1 Credit

Discussion and research of current issues in kinesiology and exercise physiology.

Prerequisites: Senior status.

Terms Typically Offered: Fall, Spring.

KINE 494A Sport Management Senior Seminar 1 Credit

Discussion and research of current issues in sport management.

KINE 495 Independent Study 1-5 Credits

Course may be taken multiple times up to maximum of 6 credit hours.

KINE 496 Topics 1-3 Credits

Course may be taken multiple times up to maximum of 15 credit hours.

KINE 497 Pre-Internship in Physical Education 3 Credits

Standards-based education and teaching practices in a K-12 physical education setting.

Prerequisites: KINE 320, KINE 408, and senior standing.

Terms Typically Offered: Fall, Spring.

KINE 499 Internship 3-12 Credits

Work experience obtained on a job where assignments are related to the student's specific concentration area within the Kinesiology degree.

Prerequisites: Kinesiology major and senior standing.

Course may be taken multiple times up to maximum of 15 credit hours.

KINE 500 Facility and Equipment Management in Sport and Fitness 3 Credits

In-depth study of the facilities and equipment used in a variety of sport and fitness settings, from public to private organizations, educational settings, athletics (interscholastic, intercollegiate, and professional sports), as well as commercial and corporate fitness centers. The focus is on designing, planning, funding, and maintaining a facility as well as the equipment necessary for its successful operation.

Terms Typically Offered: Spring.

KINE 501 Research Methods 3 Credits

Examination of the methods of research in kinesiology. Topics will include: selection of the problem, hypothesis testing, historical research, descriptive research, experimental research, tools of research, and data interpretation.

Terms Typically Offered: Fall.

KINE 502 Sport Marketing 3 Credits

Overview of marketing in sport. Emphasis on enabling the marketing manager to create strategies that "fit" products and services to an athletic department or sport organization's distinctive competencies and target market. Development of decision-making skills in marketing and overview of the marketing management process. Case studies in sport marketing address and exemplify issues in creating and implementing the marketing strategy.

Terms Typically Offered: Spring.

KINE 510 Event and Program Management in Sport and Fitness 3 Credits

Duties and responsibilities of sport and fitness managers in creating policies, conducting events, and developing programs for sport or fitness organizations. Includes extensive examination of the topics and issues involved in the planning, funding, promotion, implementation, and evaluation of events and programs.

Terms Typically Offered: Spring.

KINE 520 Management Policies and Regulations in Sport and Fitness 3 Credits

Study of managerial policies and regulations to specific sport and fitness organizations, including educational, athletic, commercial, and corporate entities. Topics include: human resource management; labor relations; policy issues; sponsorship; budgeting; federal, state, and local statutes; CHSAA and NCAA rules and guidelines; and professional organization policies. Specific attention given to compliance strategies.

Terms Typically Offered: Spring.

KINE 530 Advanced Coaching for Basketball 1 Credit

Examination of the trends, techniques, methods and philosophies in coaching basketball at skilled levels. Specific attention is given to video analysis and game management.

KINE 534 Advanced Injury Management for Coaches 1 Credit

Specialized procedures and techniques involved in the prevention and management of common athletic injuries.

KINE 535 Sport in Society 3 Credits

Exploration of the role and impact of sports in our society from a social view. The course will discuss various sociological constructs that impact all levels of sport participation, including amateur and professional team sports and the challenges of these constructs in managing sport organizations.

Terms Typically Offered: Fall.

KINE 542 Sport Law and Ethics 3 Credits

Legal issues pertaining to amateur and professional sports. Analysis of tort law, negligence, contract, antitrust, labor, facility, exculpatory, and licensing law in the context of sports-related cases. This course examines moral and ethical issues within sport environments, including major social criticisms and constructs of sport, analysis of relevant ethical theories, and synthesis of ethical reasoning knowledge and skills.

Terms Typically Offered: Fall.

KINE 545 Sport Finance 3 Credits

Study of the basic financial considerations for an effective sports management professional, including the financial challenges facing the profession, sources of funding, budgeting and financial statements, the concept of economic impact analysis, and the pros and cons of using public-sector funds.

Terms Typically Offered: Fall.

KINE 550 Contemporary Issues in Sport Management 3 Credits

Overview of sport through the examination of problems and issues faced by contemporary sport managers. The subject matter will focus on current events, topics, and implications surrounding the justification for sport programs.

Terms Typically Offered: Fall.

KINE 587 Research 3 Credits

KINE 590 Thesis I 3 Credits

Controlled learning experience supervised by faculty and guided by a contract that specifies student learning outcomes and assignments. Prior to registering, the student must meet with a Sport Management faculty member to approve a topic.

Prerequisites: KINE 501.

Terms Typically Offered: Spring.

KINE 591 Directed Readings 3 Credits

KINE 592 Thesis II 3 Credits

Continuation of controlled learning experience supervised by faculty and guided by a contract that specifies student learning outcomes and assignments. Prior to registering, the student must meet with a Sport Management faculty member to approve a topic.

Prerequisites: KINE 590.

Terms Typically Offered: Summer.

KINE 595 Independent Study 1-3 Credits

Course may be taken multiple times up to maximum of 6 credit hours.

KINE 599 Internship 1-6 Credits

Course may be taken multiple times up to maximum of 15 credit hours.