

KINESIOLOGY-ACADEMIC (KINE)

KINE 100 Health and Wellness1 Credit

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

Terms Typically Offered: Fall, Spring, Summer.

KINE 195 Independent Study1-3 Credits

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

KINE 200 Foundations of Kinesiology3 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 Nutrition3 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 Management3 Credits

Survey and introduction to the field of sport management.

Terms Typically Offered: Fall, Spring.

KINE 211 Methods of Lifetime, Individual, and Dual Activities3 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 Prescription3 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 Activities3 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 250 Lifeguard Training3 Credits

Knowledge and skills required towards certification in lifeguard training.

KINE 251 Water Safety Instructor Course3 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 Literacy3 Credits

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

Prerequisites: KINE 211 or KINE 214.

KINE 260 School Health Education3 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 Care3 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 Practicum1-2 Credits

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

Course may be taken 5 times for credit.

KINE 301 Health and Fitness Assessment3 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 Exercise3 Credits

The effects of various types of exercise upon human body structure and function. Three one-hour lectures and one two hour laboratory per week.

Prerequisites: KINE 213 and BIOL 209/BIOL 209L.

Corequisites: KINE 303L.

KINE 303L Physiology of Exercise Laboratory1 Credit

Lab component required for KINE 303.

Prerequisites: KINE 213 and BIOL 209/BIOL 209L.

Corequisites: KINE 303.

KINE 307 Philosophy and Psychology of Coaching3 Credits

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

KINE 308 Philosophy and Psychology of Officiating3 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 Kinesiology3 Credits

Analysis of joint movement and muscular involvement during physical activity.

Prerequisites: BIOL 209/BIOL 209L.

KINE 310 Methods of Exercise Instruction3 Credits

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

Prerequisites: KINE 213 and KINE 309.

KINE 320 Methods of Teaching Physical Education in Elementary Schools3 Credits

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

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

KINE 321 Physical Activity and Health in the Classroom3 Credits

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

KINE 330 Prevention and Evaluation of Injuries to the Physically Active3 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 Health3 Credits

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

KINE 334 Sport Management3 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 Society3 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 Operations3 Credits

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

KINE 342 Sport Law and Recreation Risk Management3 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 Sport3 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 Sport3 Credits

This course is designed to give individuals an understanding of the various aspects of leadership as well as a survey course of the development and application of moral and ethical values in sport administration settings.

KINE 360 Motor Learning3 Credits

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

KINE 370 Biomechanics3 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.

KINE 370L Biomechanics Laboratory1 Credit

Lab component required for KINE 370.

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

Corequisites: KINE 370.

KINE 395 Independent Study1-3 Credits

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

KINE 396 Topics1-3 Credits

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

KINE 397 Practicum1-2 Credits

Course may be taken 5 times for credit.

KINE 399 Internship1-6 Credits

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

KINE 401 Organization, Management, and Legal Liabilities for Youth Fitness Programs3 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 Marketing3 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, MARK 231.

Terms Typically Offered: Fall, Spring, Summer.

KINE 403 Advanced Strength and Conditioning3 Credits

Emphasis on strength and conditioning program design and considerations based on activity and sport type.

Prerequisites: KINA 128 or KINA 180-KINA 193, and KINE 303/KINE 303L.

KINE 404 Clinical Exercise Physiology and Advanced Exercise Prescription3 Credits

Emphasis on clinical risk stratification for conducting health and fitness assessments and exercise program design for healthy individuals and individuals with medically controlled disease.

Prerequisites: KINE 303/KINE 303L.

KINE 405 Sports Nutrition3 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. Three one-hour lectures per week.

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

KINE 406 Governance and Communication in Sport3 Credits

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

KINE 408 Methods of Teaching Physical Education in Secondary Schools3 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 Promotion3 Credits

Covers worksite health promotion: its description, planning, implementation, marketing, and evaluation.

Prerequisites: KINE 213.

KINE 415 Physical Activity and Aging3 Credits

The 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.

KINE 417 Health Behavior Change3 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 Interventions3 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 Active3 Credits

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

Terms Typically Offered: Fall, Spring, Summer.

KINE 480 Inclusive Physical Activity3 Credits

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

KINE 487 Structured Research1-3 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 Seminar1 Credit

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

Prerequisites: Senior status.

KINE 494A Sport Management Senior Seminar1 Credit

Discussion and research of current issues in sport management.

KINE 495 Independent Study1-5 Credits

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

KINE 496 Topics1-3 Credits

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

KINE 497 Pre-Internship in Physical Education3 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 Internship3-12 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 Fitness3 Credits

Provides an 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.

KINE 501 Research Methods3 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 Marketing3 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 Fitness3 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.

KINE 520 Management Policies and Regulations in Sport and Fitness3 Credits

Study of managerial policies and regulations to specific sport and fitness organizations to include educational, athletic, commercial and corporate entities. Topics will include the following: 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 will be given to compliance strategies.

KINE 530 Advanced Coaching for Basketball1 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 Coaches1 Credit

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

KINE 535 Sport in Society3 Credits

Exploration of role and impact of sports in our society from a social view. The course will discuss various sociological constructs as they 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 Ethics3 Credits

Focus on legal issues pertaining to amateur and professional sports. Tort law, negligence, contract, antitrust, labor, facility, exculpatory, and licensing law will be analyzed 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 synthesizing ethical reasoning knowledge and skills.

Terms Typically Offered: Fall.

KINE 545 Sport Finance3 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 Management3 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 Research3 Credits

KINE 590 Thesis I3 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 Readings3 Credits

KINE 592 Thesis II3 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 Study1-3 Credits

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

KINE 599 Internship1-6 Credits

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