

KINESIOLOGY (KIN)

Kinesiology (KIN) Courses

KIN 5003. Current Trends in Kinesiology. (3-0) 3 Credit Hours.

In this course, students have the opportunity to examine current development in theories and practices of physical education. Recent research and literature are examined for causes and consequences of today's issues, trends, and problems. (Formerly KAH 5003. Credit cannot be earned for both KAH 5003 and KIN 5003.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 5053. Principles of Exercise Physiology. (3-0) 3 Credit Hours.

Prerequisite: KIN 3433 or an equivalent. This course is a survey of exercise physiology, examining muscular, metabolic, and cardiorespiratory adaptations to acute and chronic exercise. (Formerly KAH 5053. Credit cannot be earned for both KAH 5053 and KIN 5053.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 5093. Statistics in Kinesiology. (3-0) 3 Credit Hours.

This course is designed to provide students with knowledge of experimental designs and the statistical tools necessary for analyzing research data in the field of Kinesiology. (Formerly titled "Statistics and Research in Health and Kinesiology." Formerly KAH 5363 and KAH 5093. Credit can only be earned for one of the following: KAH 5363, KAH 5093, and KIN 5093.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 5103. Biomechanics. (3-0) 3 Credit Hours.

Prerequisite: KIN 3323 or an equivalent. This course is a survey of principles and procedures related to mechanical analysis of human motion, with emphases on both kinematic and kinetic analysis. (Formerly KAH 5103. Credit cannot be earned for both KAH 5103 and KIN 5103.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 5123. Research in Kinesiology. (3-0) 3 Credit Hours.

Prerequisite: KIN 5093 or an equivalent. In this course, students have the opportunity to review various quantitative and qualitative research methods as well as conduct a review of the literature for a specific topic of interest. The final project will be a research proposal. (Formerly titled "Research in Health and Kinesiology." Formerly KAH 5353 and KAH 5123. Credit cannot be earned for more than one of the following: KAH 5353, KAH 5123, or KIN 5123.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 5173. Measurement and Evaluation in Human Performance. (3-0) 3 Credit Hours.

Prerequisite: KIN 4113 or an equivalent. Overview of measurement theory, item analysis, reliability and validity studies, and factor analysis of tests. (Formerly KAH 5173. Credit cannot be earned for both KAH 5173 and KIN 5173.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 5243. Learning and Teaching Styles in Coaching. (3-3) 3 Credit Hours.

Prerequisite: KIN 5003 or an equivalent. This course includes techniques for analyzing and enhancing the learning environment to promote and improve physical and sport performance. (Formerly KAH 5243. Credit cannot be earned for both KAH 5243 and KIN 5243.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 5313. Adapted Physical Activity. (3-0) 3 Credit Hours.

This course is designed to provide an introduction to adapted physical activity, including sport and leisure, for persons with disabilities across school, community, and clinical based programs. This course will also provide you with information and knowledge on how to teach physical activities to people with disabilities in various settings. Current legislation requires that sport, recreation, and exercise programs provide reasonable access for people with disabilities. Thus, the course is important for future education, recreation, sport, and exercise professionals, as employment in such areas now increasingly involves contact with people with disabilities. (Formerly KAH 5313. Credit cannot be earned for both KAH 5313 and KIN 5313.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 5403. Applied Cardiovascular Physiology. (3-0) 3 Credit Hours.

Prerequisite: KIN 3433, KIN 3443, or an equivalent, or a human physiology course. This course covers the physiology underlying the methods used for obtaining, maintaining, and rehabilitating the health of the cardiovascular system. Recent research findings in the areas of exercise and nutrition, related cardiovascular disease prevention and rehabilitation, weight control, and blood lipids are emphasized. (Formerly titled "Cardiovascular Fitness." Formerly KAH 5403. Credit cannot be earned for both KAH 5403 and KIN 5403.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 6013. The Role of Sport in Society. (3-0) 3 Credit Hours.

This course is an examination of sport and physical activity, sport's impact on society, and the affective roles sport takes as part of our social structure and the institution of education. (Formerly KAH 5013, KAH 6013, and COU 6013. Credit cannot be earned for more than one of the following: KAH 6013, KAH 5013, COU 6013, or KIN 6013.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 6023. Exercise Psychology. (3-0) 3 Credit Hours.

This course discusses the basic and applied subjects of psychological and behavioral aspects of physical activity (PA) behaviors that are linked to better health. The subjects to be discussed include, but are not limited to: PA correlates, PA behavior change, and psychological consequences of PA. Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 6033. Sport Psychology. (3-0) 3 Credit Hours.

This course is a study of cognition and behaviors related to the participation in sport. This course will have a theoretical focus and will include topics such as self-efficacy, performance enhancements, cohesion, arousal, and anxiety. Contemporary research will be discussed. (Formerly KAH 5033, KAH 6033, and COU 6033. Credit cannot be earned for more than one of the following: KAH 6033, KAH 5033, COU 6033, or KIN 6033.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 6043. Applied Sport Psychology. (3-0) 3 Credit Hours.

Prerequisite: KIN 6033 or an equivalent. This course will provide a practical and comprehensive introduction to somatic, cognitive, and behavioral interventions used in athletics to improve performance. Theoretical bases of psychological stress and performance will be explored and appropriate interventions discussed. Research findings related to athletics will be applied. (Formerly COU 6043 and KAH 6043. Credit cannot be earned for more than one of the following: KAH 6043, COU 6043, or KIN 6043.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 6203. Psychological Perspectives of Motor Learning and Control. (3-0) 3 Credit Hours.

This course is a study of the individual processes of skill acquisition, including the involvement of transfer, timing, feedback, practice, and retention as well as the processes of central and peripheral mechanisms involved in implementing physical and perceptual skills. (Formerly KAH 5203, KAH 6203, and COU 6203. Credit cannot be earned for more than one of the following: KAH 6203, KAH 5203, COU 6203, or KIN 6203.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 6213. Motor Development. (3-0) 3 Credit Hours.

Prerequisite: KIN 3103 or an equivalent. The study of motor, physical, and neuromuscular development across the human life span (from prenatal periods to old age), stages of development, motor system, and development of specific movement patterns. (Formerly KAH 6213. Credit cannot be earned for both KAH 6213 and KIN 6213.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 6223. Exercise Nutrition. (3-0) 3 Credit Hours.

This course is a scientific evidence-based study of the nutritional aspects of exercise performance and health-related fitness. This course will focus on nutrition-related support of various modes, training, and competition, as well as nutritionally-relevant diseases. Included in the course is an examination of macronutrients, water/hydration, ergogenic aids, and supplements. (Formerly KAH 6223. Credit cannot be earned for both KAH 6223 and KIN 6223.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 6233. Principles of Strength Training and Conditioning. (3-0) 3 Credit Hours.

This course covers advanced concepts and theory related to maximizing human performance. Analysis of the conceptual, theoretical, and technical considerations of assessing, designing, and implementing strength training and conditioning programs with particular focus on analyzing and applying contemporary periodization concepts. Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 6951. Independent Study. (0-0) 1 Credit Hour.

Prerequisite: Graduate standing and permission in writing (form available) from the instructor and the student's Graduate Advisor of Record. This course includes independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the Master's degree. (Formerly KAH 6951. Credit cannot be earned for both KAH 6951 and KIN 6951.) Course Fees: GHC1 \$25; LRHC \$10; STHC \$6.

KIN 6953. Independent Study. (0-0) 3 Credit Hours.

Prerequisite: Graduate standing and permission in writing (form available) from the instructor and the student's Graduate Advisor of Record. This course includes independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours, regardless of discipline, will apply to the Master's degree. (Formerly KAH 6953. Credit cannot be earned for both KAH 6953 and KIN 6953.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 6961. Comprehensive Examination. (0-0) 1 Credit Hour.

Prerequisite: Approval of the appropriate Graduate Program Committee to take the Comprehensive Examination. This is an independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Program Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either "CR" (satisfactory performance on the Comprehensive Examination) or "NC" (unsatisfactory performance on the Comprehensive Examination). (Formerly KAH 6961. Credit cannot be earned for both KAH 6961 and KIN 6961.) Course Fees: GHC1 \$25; LRHC \$10; STHC \$6.

KIN 6973. Special Problems. (3-0) 3 Credit Hours.

Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Problems courses may be repeated for credit when topics vary, but not more than 6 hours, regardless of discipline, will apply to the Master's degree. (Formerly KAH 6973. Credit cannot be earned for both KAH 6973 and KIN 6973.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 6981. Master's Thesis. (0-0) 1 Credit Hour.

Prerequisite: Permission from the Graduate Advisor of Record and thesis director. Thesis research and preparation. May be repeated for credit, but not more than 6 hours will apply to the Master's degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress. (Formerly KAH 6981. Credit cannot be earned for both KAH 6981 and KIN 6981.) Course Fees: GHC1 \$25; LRHC \$10; STHC \$6.

KIN 6983. Master's Thesis. (0-0) 3 Credit Hours.

Prerequisite: Permission from the Graduate Advisor of Record and thesis director. Thesis research and preparation. May be repeated for credit, but not more than 6 hours will apply to the Master's degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress. (Formerly KAH 6983. Credit cannot be earned for both KAH 6983 and KIN 6983.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 7893. Doctoral Research. (0-0) 3 Credit Hours.

Prerequisite: Permission of the Graduate Advisor of Record. Under the direction of a faculty advisor, this course consists of independent and original research skill building, preparation, and writing the dissertation proposal. May be repeated for credit, but not more than 6 hours may be applied toward the Doctoral degree. (Formerly KAH 7893. Credit cannot be earned for both KAH 7893 and KIN 7893.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.

KIN 7991. Doctoral Dissertation. (0-0) 1 Credit Hour.

Prerequisite: Admission to candidacy and consent of student's faculty advisor. Preparation, writing, and successful defense of Doctoral dissertation. May be repeated for credit, but not more than 10 hours may be applied toward the Doctoral degree. (Formerly KAH 7991. Credit cannot be earned for both KAH 7991 and KIN 7991.) Course Fees: GHC1 \$25; STHC \$6; LRHC \$10.

KIN 7993. Doctoral Dissertation. (0-0) 3 Credit Hours.

Prerequisite: Admission to candidacy and consent of student's faculty advisor. Preparation, writing, and successful defense of Doctoral dissertation. May be repeated for credit, but not more than 10 hours may be applied toward the Doctoral degree. (Formerly KAH 7993. Credit cannot be earned for both KAH 7993 and KIN 7993.) Course Fees: GHC1 \$75; LRHC \$10; STHC \$18.