KINESIOLOGY, HEALTH AND SPORT STUDIES

Office: 2152 Faculty Administration Building: 313-577-4249
Assistant Dean: Nate McCaughtry
http://coe.wayne.edu/kinesiology/

Health and kinesiology, as integral parts of a general education, focus attention upon the vital needs of the human being to acquire attitudes, knowledge and skills necessary for regular participation in healthful living and physical and leisure-time activities. Accordingly, the Division provides courses of instruction both to promote physical well being through athletic and exercise programs, and to prepare teachers and practitioners to promote such health in others. The decreased demands for physical vigor, as well as the increased tensions caused by the technological progress of the modern society, demand a scientific approach to these vital phases of well-being.

The Division of Kinesiology, Health and Sport Studies (KHS) provides courses of instruction in health education, kinesiology (exercise and sport science and physical education pedagogy) and sports administration for the general student body. In addition, it provides professional curricula at the undergraduate and graduate levels for those students seeking careers in these areas. For students interested in advanced study and research the Division offers a doctoral program in Exercise and Sport Science, and Physical Education Pedagogy.

Advisors: Each student admitted to the College at the graduate level and seeking a degree is assigned to a faculty member who acts as the advisor. The advisor guides the student in the selection of courses and counsels the student in solving academic problems.

Assistantships, Scholarships and Financial Aid

A number of assistantships are available in the area of kinesiology. Application should be made to the Office of the Assistant Dean, 2177 FAB. Scholarships, loans, work-study, and other types of financial aid are available through Wayne State University; contact the University Office of Financial Aid; 313-577-3378.

Scholarships are also available in the College of Education; contact Julie Osburn, Chair of the College of Education Scholarship Committee; julie.osburn@wayne.edu or 313-577-0909.

Admission to Master’s Programs

Current and prospective students should always review the KHS webpage (http://coe.wayne.edu/kinesiology), for the most current information regarding admission and degree requirements.

Admission to graduate programs in the Division of Kinesiology, Health and Sport Studies is contingent upon admission to the Graduate School (http://bulletins.wayne.edu/graduate/general-information/admission). In addition, applicants to any program in the Division must meet the following criteria, as applicable:

Regular Admission: Applicants must have an undergraduate grade point average of 3.0 or above, and an undergraduate degree directly relating to the field of specialization being applied for, or an undergraduate degree accompanied by extensive educational background in a closely-related field.

Qualified Admission: Applicants whose undergraduate grade point average is between 2.5 and 2.9, and who otherwise meet the criteria for regular admission, will be admitted on this basis but will be required to successfully complete additional course work and/or other requirements as stipulated by the Division Graduate Officer.

Non-Degree Admission (Pre- or Post-Master’s): Applicants must have an undergraduate grade point average of 2.5 or above, and an undergraduate degree in any field. Non-degree applicants must include a personal statement with their initial graduate application, specifying their intent to apply to a Kinesiology, Health and Sport Studies degree program prior to the earning of nine credit hours. Only one semester of full-time graduate study, part-time registrations not to exceed nine credits, are normally permitted in this classification. Based on the approval of the College of Education Graduate Officer, no more than nine credits taken in graduate non-degree admission status may later be applied to graduate degree program requirements.

Post-Bachelor Admission: Applicants must have an undergraduate grade point average of 2.25 or above, and an undergraduate degree in any field. Post-Bachelor status allows students to elect courses through the 6000 level, for undergraduate credit only.

Special Admission (Non-Degree or Post-Bachelor): Upon recommendation of an advisor and the Division Graduate Officer, an applicant whose undergraduate grade point average is below 2.25 may be admitted on Non-Degree or Post-Bachelor status, if the applicant demonstrates substantial evidence of meritorious academic achievement subsequent to the conferral of his/her undergraduate degree.

Senior Rule Admission: In their last undergraduate semester, Wayne State students with a 3.0 (or above) upper division grade point average have the option of taking a limited number of graduate credits. Graduate credit is awarded only for those courses taken in excess of baccalaureate degree requirements. Undergraduate and graduate courses combined may not exceed sixteen credits for the final semester of baccalaureate degree work. A Senior Rule student must register for at least one credit which is required for the undergraduate degree in order to be eligible for this status. Students who have completed all required registrations for the baccalaureate may not obtain Senior Rule status. Completion of the Application for Graduate Admission form is required, and students are advised to consult their advisors and the Office of University Admissions. Application deadlines for Senior Rule admission are the same as for regular graduate admission. Students who qualify and are recommended by the department or college will be admitted for one semester. Graduate admission will be regularized upon evidence that the student has completed all requirements for the bachelor’s degree; it is the student’s responsibility to provide this transcript.

As a courtesy, the University permits a student to pay undergraduate fees for the graduate courses elected in a Senior Rule status. It is recommended that students elect only courses numbered 5000-6999 in their Senior Rule semester.

CENTEIO, ERIN: Ph.D., University of Texas at Austin; M.S., B.S., University of Illinois at Urbana-Champaign; Assistant Professor
DOMBROWSKI, RACHAEL: Ph.D., University of Illinois Chicago; M.P.H., B.S., University of Michigan; Lecturer
ENGELS, HERMANN-JOSEF: Ph.D., Florida State University; M.S., B.A., Florida International University; Professor
FAHLMAN, MARIANE: Ph.D., University of Toledo; M.A., Wayne State University; B.A., University of South Florida; Professor
GOTHE, NEHA: Ph.D., M.S., University of Illinois at Urbana Champaign; M.A., B.A., University of Mumbai; Assistant Professor
IMMEL, LINDA: M.Ed., B.S., Wayne State University; Assistant Professor
JIMENEZ, LINDA: M.Ed., B.S., Wayne State University; Lecturer
KASZETA, KRISTEN: M.A., Wayne State University; B.B.A, Saginaw Valley State University; Lecturer
KULIK, NOEL: Ph.D., University of North Carolina; M.A., B.S., Wayne State University; Assistant Professor
LAI, QIN: Ph.D., Texas A & M University; M.S., M.E., Beijing University of Physical Education; Associate Professor
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MARTIN, JEFFREY: Ph.D., M.S., University of North Carolina-Greensboro; B.S., Brock University; B.A., Bowling Green State University; Professor
MCINTOSH, RONALD: Ph.D., University of North Carolina; M.S., B.S., University of Wisconsin, LaCrosse; Professor
MOORE, WHITNEY: Ph.D., University of Kansas; M.S., B.A., Bowling Green State University; Assistant Professor
POSTMA, JANNE: M.Ed., Wayne State University; B.S., University of Detroit; Lecturer
ROBERTS, PETER: M.A., B.S., Michigan State University; Assistant Professor
SHEN, BO: Ph.D., University of Maryland; M.E., Shanghai Institute of Physical Education; B.B., Central China Normal University; Associate Professor
VASSALLO, MARIO J.: M.A., B.S., Central Michigan University; Lecturer
WHALEN, LAUREL: M.A., Wayne State University; B.A., Albion College; Lecturer

• Health Education (M.Ed.) (http://bulletins.wayne.edu/graduate/college-education/kinesiology-health-sport-studies/health-education-med)
• Kinesiology (M.Ed.) (http://bulletins.wayne.edu/graduate/college-education/kinesiology-health-sport-studies/kinesiology-med)
• Physical Education Pedagogy Concentration (M.Ed.) (http://bulletins.wayne.edu/graduate/college-education/kinesiology-health-sport-studies/kinesiology-med/#concentrationstext)
• Exercise and Sport Science Concentration (M.Ed.) (http://bulletins.wayne.edu/graduate/college-education/kinesiology-health-sport-studies/kinesiology-med/#concentrationstext)
• Sports Administration (M.A.) (http://bulletins.wayne.edu/graduate/college-education/kinesiology-health-sport-studies/sports-administration-ma)
• Adapted Physical Education (Teaching Endorsement) (http://bulletins.wayne.edu/graduate/college-education/kinesiology-health-sport-studies/physical-education-teaching-endorsement)

Health Education

HE 5220 Health Behavior Change Cr. 3
Principles of behavior modification; theories of health behavior and program planning as they relate to health promotion and wellness. Offered Biannually.
Prerequisites: ([AA] Exempt from Gen Ed MACRAO with a test score minimum of 100) OR [(BA) Competencies Waiver with a test score minimum of 100]

HE 5440 Mental Health and Substance Abuse Cr. 3
Identification, treatment, and prevention of mental health/substance abuse problems. How school-age children and their families are affected by these problems; role of the teacher. Offered Fall, Winter.
Restriction(s): Enrollment limited to students in the College of Education.

HE 5522 Health Psychology Cr. 3
Foundations of health, research methods, biological foundations of health/illness, stress, nutrition, obesity, eating disorders, substance abuse and health, cardiovascular disease, diabetes and health, exercise and cancer; HIV, AIDS, and health; pain management and patient behavior, complementary and alternative medicine, health psychology across the life span. Offered Fall.

HE 5522 Health Psychology Cr. 3

HE 5620 Performance Based Assessment in Health Education Cr. 3
Assessment and evaluative techniques applied to health education, including test construction and performance-based assessment. Designed to meet assessment and evaluative competencies required for entry-level health teachers in Michigan. Offered Spring/Summer.

HE 5780 Directed Student Teaching Cr. 10
Secondary school teaching experience. Offered Fall, Winter.

HE 5993 (WI) Writing Intensive Course in Health Education Cr. 0
Disciplined writing assignments under direction of a faculty member. Satisfies University General Education Writing Intensive Course in the Major requirement. Offered Fall.

HE 6350 Health Education and the Nation’s Health Cr. 3
Introductory course for graduate health program. Current national health status; contributory factors including: behaviors linked to disease, policies, problems in the health care system and delivery of health care. Offered Biannually.

HE 6420 Introduction to Health Education Program Design Cr. 3
Overview of health education program process in all practice settings. Introduction to needs assessment, objective writing, staff training, and evaluation in health education. Offered Biannually.

Restriction(s): Enrollment limited to students with a major in Health Education; enrollment is limited to Graduate level students.
HE 6430 (WI) School Health Curriculum Cr. 3
Principles and application of school health programming. Philosophy and foundations of health education, conducting a needs assessment and design instruction based on the assessment, implementing and evaluating the instruction, implementation of skills in a secondary classroom, assessment of the process. Satisfies General Education program Writing Intensive requirement for health teaching majors. Offered Winter.
Prerequisite: HE 3330 with a minimum grade of D- or HE 6500 with a minimum grade of D-
Restriction(s): Enrollment limited to students in the College of Education.

HE 6500 Comprehensive School Health Education Cr. 3
Overview of comprehensive school health education. Study of major comprehensive health curricula with intensive training in the Michigan Model. This class leads to certification to teach the Michigan Model in public schools. Offered Fall.
Prerequisite: HEA 2310 with a minimum grade of D- and HE 3300 with a minimum grade of D- and HE 3440 with a minimum grade of D- and HE 4340 with a minimum grade of D- and HE 5440 with a minimum grade of D-
Restriction(s): Enrollment limited to students in the College of Education.

HE 6501 Measurement and Evaluation in Community Health Education Cr. 3
Frameworks, principles, models and strategies for evaluating health education programs. Offered Biannually.
Prerequisites: (HE 6420 with a minimum grade of C)
Restriction(s): Enrollment is limited to Graduate level students.

HE 6530 Principles and Practice of Health Education and Health Promotion Cr. 3
Principles, resources and practical application of community health education in various settings, with emphasis on the role of the community health education specialist. Offered Biannually.

HE 6550 Teaching Methods and Techniques in Health Education Cr. 3
Strategies employed in dissemination of health information in the community and school system. Integration of cognitive skills, behavior change theory, and materials used to produce effective health instruction. Offered Biannually.

HE 7310 Psychology of Learning Across Development Cr. 3
A selection of human development and learning theories and concepts emphasizing application to various professional contexts, e.g., community, health, business, school, and other organizational settings; focus is on late adolescence (ages 18-22) and adulthood. Offered Yearly.
Restriction(s): Enrollment is limited to Graduate level students.
Equivalent: EDP 7310

Kinesiology

KIN 5100 Anatomical and Physiological Bases of Physical Activity Cr. 3
Basic anatomical and physiological principles that have direct application to physical activity programming in the K-12 school setting and in community-based physical activity settings. The course will include practical application experiences to illustrate the theoretical knowledge base. Offered Fall.
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 5110 Motor Learning and Development Cr. 3
Principles and practices that affect the learning and development of motor skills from birth to early adulthood. Study of theories of motor development, motor learning, and motor control; motor skill classification and games classification; developmental and motor learning stages; methodological considerations including how to measure and assess motor learning in field-based situations; and professional applications of the motor learning and development in physical education and physical activity programming. Offered Winter.
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 5200 Effective Teaching and Instructional Practices Cr. 3
Effective teaching and instructional practices in physical education and physical activity. Study of the learning process, factors that influence the learning process, effective teaching skills, effective task presentation and content development, and management of and motivation in the learning environment. Research on effective teaching practices, including behavior management, in quality physical education and physical activity programs. Offered Fall.
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 5210 Movement Education Cr. 3
Advanced study of elementary movement education through and in-depth analysis of Graham's movement skill themes. Study of movement concepts, skill themes, curriculum design, and the implementation of activities in a practical application. Students will also investigate research supporting the inclusion of movement education in quality physical education and physical activity programs. Offered Fall.
Prerequisites: (KIN 5200 with a minimum grade of D-I)
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 5220 Sports I Cr. 3
This course is designed for students to learn sports across three categories: tag, invasion, and field games. Students will learn multiple sports from each category and will be able to make extensions to many other sports in that category. In addition to instructional strategies, basic concepts, and planning for effective teaching, students will become familiar with the Sport Education Model and Tactical Games Approach. Offered Winter.
Prerequisites: (KIN 5200 with a minimum grade of D-I)
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 5230 Sports II Cr. 3
This course is designed for students to learn sports across two categories: target and net/wall games. Students will learn multiple sports from each category and will be able to make extensions to many other sports in that category. The specific instructional strategies, basic concepts, and planning for effective teaching will be focused and the sport education model will be further developed. Meanwhile, other instructional models for physical education, such as cooperative learning, teaching game for understanding, and teaching personal and social responsibility, will be introduced. Offered Spring/Summer.
Prerequisites: (KIN 5200 with a minimum grade of D-I)
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.
KIN 5240 Fitness Instruction Cr. 3
Introduction to instructing children, youth, adolescents, and young adults in group fitness activities both in a physical activity environment and community setting. Instructional strategies, basic concepts, and planning for teaching group fitness as well as using basic technology to enhance teaching will be taught. Offered Winter.
Prerequisites: ([KIN 5200 with a minimum grade of D-])
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 5250 Adventure and Outdoor Pursuits Cr. 3
Instructing youth in adventure activities and outdoor pursuits. Basic principles and concepts behind teaching youth how to be physically active in the outdoors; planning appropriate instructional strategies. Content might include lessons focusing on initiatives and trust activities appropriate for school-aged youth as well rock climbing, hiking, kayaking, and orienteering. Offered Spring/Summer.
Prerequisites: ([KIN 5200 with a minimum grade of D-])
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 5260 Aquatic Leadership Cr. 3
Leadership responsibilities in the area of aquatics. Emphasis on a broad range of aquatic experiences and teaching methodologies including swimming and rescue skills necessary to complete certification as an American Red Cross Water Safety Instructor and Lifeguard. The course will also include program development, including programming for individuals with disabilities, risk management, and staff management. Offered Winter.
Prerequisites: ([KIN 5200 with a minimum grade of D-])
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 5350 Exercise Science Internship Cr. 2-4
Supervised experience in health and exercise programs with various populations at approved sites. Offered Every Term.
Prerequisite: KIN 6320 with a minimum grade of C and LFA 2330 with a minimum grade of C
Restriction(s): Enrollment limited to students in the College of Education.
Course Material Fees: $16
Repeatable for 8 Credits

KIN 5360 Senior Research Project Cr. 1-5
Students conduct scientific research in exercise science; review of literature, data collection, assisting with data transformation, help with formal presentation of written or oral materials of findings from the study. Offered Every Term.
Restriction(s): Enrollment limited to students with a class of Junior or Senior. Repeatable for 5 Credits

KIN 5400 Adapted Physical Activity Cr. 3
Discussion of historical and contemporary issues in adapted physical activity; instruction on appropriate evidence-based intervention strategies for individuals with varying disabling conditions; techniques for adapting the environmental conditions to improve performance and attending behaviors; and designing, implementing, and evaluating individualized programs of physical activity for individuals with emerging disabilities that face the community. Offered Fall.
Prerequisites: ([KIN 3400 with a minimum grade of D-] OR [KIN 5110 with a minimum grade of D-])
Restriction(s): Enrollment limited to students in the College of Education.

KIN 5410 Methods and Materials: Adapted Aquatics Cr. 3
Teaching methods and materials to meet the needs individuals with special needs through adapted aquatics including water orientation, swim instruction, fitness instruction, facilities and equipment considerations, and research on adapted aquatics. Offered Spring/Summer.
Prerequisite: KIN 5400 with a minimum grade of C

KIN 5420 Disability and Sports Cr. 3
This course will address teaching and coaching of developmental, recreational, and competitive sports across school-based and community-based settings including Paralympic, Special Olympic and deaf sport; and wheelchair and ambulatory sports for various age groups. Offered Winter.
Prerequisite: KIN 5400 with a minimum grade of C

KIN 5425 Assessment and Service Delivery in Adapted Physical Education Cr. 3
This course addresses how to appropriately and accurately select, administer and interpret assessment results for adapted physical education purposes; use assessment results to design and implement effective adapted physical education programs for PK-12 populations of students with disabilities; and participate collaboratively in the individualized education program (IEP) process. Offered Spring/Summer.
Prerequisites: ([KIN 5400 with a minimum grade of D-])
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 5430 Leadership Training and Practicum in Adapted Physical Education Cr. 3
Prepares adapted physical education specialists for leadership positions in K-12 adapted physical education programs and community-based adapted physical activity programs. Includes directed fieldwork in adapted physical education as required by the State of Michigan. Offered Winter.
Prerequisite: KIN 5400 with a minimum grade of C and KIN 5410 with a minimum grade of C

KIN 5510 Coaching Principles and Certification Cr. 3
Specific topics on the coach and the athlete in areas of administration, motor learning, physical growth, motor skill acquisition, philosophy, psychology and sociology. Offered Spring/Summer.
Restriction(s): Enrollment limited to students in the College of Education.
KIN 5520 Sport Psychology Cr. 3
History, personality, psychology of injury; theories of motivation, arousal, and anxiety; competition and cooperation, feedback, reinforcement and intrinsic motivation. Team dynamics, group cohesion, communication and leadership processes, psychological qualities and skills (such as goal setting, imagery, concentration). Unhealthy sport behaviors, burnout, over-training. Psychology of youth sport; character development. Offered Fall, Winter.
Prerequisites: ([PSY 1010 with a minimum grade of C])
Restriction(s): Enrollment limited to students in the College of Education.

KIN 5523 Physical Activity and Exercise Psychology Cr. 3
Introduction of physical activity and exercise psychology from a multi-theory perspective. Determinants, well-being and interventions in physical activity, physical education and exercise settings will be explored through a broad spectrum. Offered Fall, Winter.
Prerequisites: ([PSY 1010 with a minimum grade of C])
Restriction(s): Enrollment limited to students in the College of Education.
KIN 5530 Technology and Assessment in Kinesiology Cr. 3
Current methods and activities for assessment in physical education and physical activity programming. Course also includes the use of technology in physical education and physical activity programming. Offered Winter.
Prerequisites: ((KIN 5200 with a minimum grade of D-)) AND (KIN 5210 with a minimum grade of D-) AND ((KIN 5220 with a minimum grade of D-) AND (KIN 5240 with a minimum grade of D-))

KIN 5550 Health and Physical Education for the Elementary School Teacher Cr. 3
Broad content knowledge of developmentally appropriate physical education and health education for children in grades K-6. Offered Every Term.

KIN 5580 Pediatric Exercise Physiology: Concepts and Applications Cr. 3
Offered Fall, Spring/Summer.
Prerequisite: BIO 2870 with a minimum grade of C
Restriction(s): Enrollment limited to students in the College of Education.

KIN 5600 Socio-cultural Issues in Physical Activity Cr. 3
Contemporary and historical perspective on socio-cultural and philosophical issues that influence American youth and instruction in a physical activity setting, including race, gender, sexuality, obesity, and urbanization. Offered Fall.
Restriction(s): Enrollment is limited to Graduate or Undergraduate level students.

KIN 5770 Physical Activity Leadership Internship Cr. 7
Individually arranged, supervised, educational and professional experience at an approved on-campus or off-campus based internship site. Opportunities to organize and conduct physical activity leadership responsibilities under close supervision. Through this type of exposure, the student will receive practical, on-the-job experience in one or more types of physical activity leadership. Offered Winter.
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 5780 Student Teaching and Seminar Cr. 10
This course prepares students for initial teaching certification through K-12 student teaching experience and seminars. The regular seminar will cover a variety of issues and topics related to teaching methods and becoming an effective teacher. Offered Fall, Winter.
Restriction(s): Enrollment limited to students in the College of Education.

KIN 6100 Methods of Group Exercise Instruction Cr. 2
This course will provide students the opportunity to gain fitness leadership knowledge and ability of how to safely instruct a group exercise class. Offered Every Term.
Prerequisites: ((KIN 3570 with a minimum grade of C))
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 6120 Strength and Conditioning Cr. 3
A comprehensive overview of strength and conditioning with an emphasis on the exercise sciences (including anatomy, exercise physiology, and biomechanics) and nutrition, exercise technique, program design, organization and administration, and testing and evaluation. Additionally, this course is designed to prepare students for the nationally accredited Certified Strength and Conditioning Specialist (CSCS) certification exam. Offered Winter, Spring/Summer.
Prerequisites: ((KIN 3570 with a minimum grade of C- and KIN 3580 with a minimum grade of C-))
Restriction(s): Enrollment is limited to Graduate or Undergraduate level students.

KIN 6150 ECG Interpretation Cr. 3
This course provides students with an understanding of ECG and how to interpret static and dynamic ECG strips. It gives the opportunity for students to gain a basic knowledge of ECG and how to recognize normal and abnormal ECGs. Offered Winter, Spring/Summer.
Prerequisites: ((KIN 3570 with a minimum grade of C))
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 6160 Pharmacology for the Physical Activity Professional Cr. 3
Provides students with an understanding of the concepts of pharmacology, how drugs work, and different pharmacologic actions and adverse effects that drugs produce. Offered Every Term.
Prerequisites: ((KIN 3570 with a minimum grade of C- and KIN 3580 with a minimum grade of C-))
Restriction(s): Enrollment is limited to Graduate or Undergraduate level students.

KIN 6210 Physical Activity and Cognition Cr. 3
An overview of physical activity as it relates to cognitive functioning across the lifespan. Exploration of measures of physical activity, neuropsychological test batteries assessing various domains of cognitive functioning. Review studies examining the effect of physical activity on cognition and its underlying mechanisms. Offered Winter.
Prerequisites: ((KHS 5523 with a minimum grade of C))
Restriction(s): Enrollment limited to students with a class of Unranked Grad, Junior or Senior; enrollment is limited to Graduate or Undergraduate level students.

KIN 6300 Exercise Physiology I Cr. 3
Basic physiological concepts as they relate to exercise and human performance. Practical applications incorporated into the laboratory component. Offered Every Term.
Prerequisites: (1 of MAT 1000, STA 1020) AND (BIO 2870 with a minimum grade of C) OR (KIN 1991 with a minimum grade of C)
Restriction(s): Enrollment limited to students in the College of Education.
Equivalent: KIN 3570

KIN 6310 Exercise Physiology II Cr. 3
Metabolic, neuromuscular, cardiovascular, and respiratory adjustments to acute and chronic exercise in health and disease, including body composition and weight control, nutritional considerations, and the effects of different environments on exercise performance. Offered Every Term.
Restriction(s): Enrollment limited to students in the College of Education.
Equivalent: PSL 6010, PT 6310
KIN 6320 Fitness Assessment and Exercise Prescription Cr. 3
Physiological principles of physical fitness, including health and fitness appraisal, body composition assessment, and exercise prescription guidelines. Offered Every Term.
Prerequisites: [BIO 2870 with a minimum grade of C and KIN 3570 with a minimum grade of C] OR [KIN 3570 with a minimum grade of C and KIN 6310 with a minimum grade of C]

KIN 7530 Research in Teaching in Physical Education Cr. 3
Practical experiences in the research process. Topics include: methods for research on teaching, current research trends, research results related to teaching and teacher effectiveness, critique of current trends in educational practice. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students.

KIN 7560 Achievement Motivation in Physical Education Cr. 3
Enhancement of understanding of achievement motivation from a multi-theory perspective. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students.

KIN 7580 Biomechanical Analysis of Motor Activity Cr. 3
Principles and practice in the analysis of human movement. Selected methods of analysis are used in demonstrations and lab experiences. Students complete a biomechanical analysis project on an appropriate human motor skill. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students.

KIN 8400 Research in Physical Education Cr. 3
Understanding physical education research in the three dominant research traditions of curriculum, teaching, and teacher education. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students.

KIN 8530 Motor Learning Cr. 3
Examination of research in motor learning and performance. Relation of the nervous system and other physiological mechanisms to motor behavior and other conditions which affect the acquisition of motor skill: perception, motivation, psychology of motor behavior. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students.

KIN 8580 Biomechanical Analysis of Motor Activity Cr. 3
Principles and practice in the analysis of human movement. Selected methods of analysis are used in demonstrations and lab experiences. Students complete a biomechanical analysis project on an appropriate human motor skill. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students.

KIN 7540 Concepts of Management in Health, Physical Education, and Recreation Cr. 3
Responsibilities and concerns of administrators of health, physical education, and recreation programs. Basic administrative procedures, policy-making and evaluation; establishment of program goals; alternative management styles; leadership principles. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students.

KHS 6540 Workshop in Kinesiology, Health and Sport Studies Cr. 1-3
Exploration of topics of current interest for the profession. Offered Spring/Summer.
Restriction(s): Enrollment limited to students in the College of Education.
Repeatable for 12 Credits

KHS 6570 Sports Marketing Cr. 3
Concepts and principles of marketing as applied to sports. Topics include: structure of sports industry, sports markets and products, market research, and sports sponsorships. Offered Fall.

KHS 6550 Publicity, Promotion and Public Relations Cr. 2
Practical marketing methods and procedures used in promotion of athletics and related fields. Development of proposals, workshops, public relations policies. Offered Fall.

KHS 6560 Media Design and Communication Cr. 3
Examines the impact sports and the media have on each other and explores the use of technology in promoting, marketing, and managing health, PE, recreation, and sports programs. Offered Winter.

KHS 6640 Legal Issues in Health, Physical Education, and Recreation Cr. 3
Identification and analysis of legal issues in the health, physical education, and recreation profession. Review of relevant litigation patterns. Offered Yearly.

KHS 6660 Risk Management in Physical Education and Sports Cr. 3
Fundamentals of safety and liability and the risks involved in managing activity-related programs. Development of knowledge and skills to recognize potential litigation in management, supervision and administration. Offered Fall.

KHS 6661 Equity and Access in Sport Cr. 3
Historical and contemporary sport and physical activity experience in context of race, socioeconomic class, gender, age, disability, and culture. Offered for graduate credit only. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students.

KHS 6750 Fieldwork in KHS Cr. 1-4
Professional experience in public or private institutions relevant to student’s specialization. Supervision by professional supervisor and university faculty. Can be taken at any time during student’s program. Offered Fall, Winter.
Course Material Fees: $16
Repeatable for 8 Credits

KHS 7300 Interscholastic Athletic Directing Cr. 3
Michigan and national interscholastic athletic directing organizations; issues and skills to direct athletic programs in middle and secondary education. Philosophy, personnel, financial and general athletic policies and guidelines. Offered Yearly.
Restriction(s): Enrollment is limited to Graduate level students.

KHS 7310 Collegiate Athletic Administration Cr. 3
Restriction(s): Enrollment is limited to Graduate level students.

KHS 7540 Concepts of Management in Health, Physical Education, and Recreation Cr. 3
Responsibilities and concerns of administrators of health, physical education and recreation programs. Basic administrative procedures, policy-making and evaluation; establishment of program goals; alternative management styles; leadership principles. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students.
KHS 7580 Entrepreneurship and Fund Raising in Kinesiology, Health and Sport Studies Cr. 2
Entrepreneurial opportunities created by changing trends and developments in athletics and KHS; development and study of current fundraising concepts and ideas. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students.

KHS 7581 Sport Finance Cr. 3
Understanding financial management for planning, administering, and evaluating financial performance of sport-related entities. Offered Winter.
Restriction(s): Enrollment is limited to Graduate level students.

KHS 7990 Special Problems in KHS Cr. 1-3
Offered Fall, Winter.
Restriction(s): Enrollment is limited to Graduate level students.
Repeatable for 9 Credits

KHS 7991 Master's Essay and Project Direction Cr. 3
Development and review of essay or project. Offered Fall, Winter.
Restriction(s): Enrollment is limited to Graduate level students.
Repeatable for 9 Credits

KHS 8540 Theories of Health Behavior Cr. 3
Overview of select social and behavioral theories used to understand health-related behaviors and develop interventions. Offered Biannually.
Restriction(s): Enrollment is limited to Graduate level students.

KHS 8700 Research in the Psychosocial Aspects of Physical Activity Cr. 3
Development of in-depth understanding of psychosocial aspects of research in physical activity (exercise, sport, leisure activity). Offered Winter.
Restriction(s): Enrollment limited to students with a class of Doctorate; enrollment is limited to students with a major in Kinesiology; enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy degree.

KHS 8750 Internship in KHS Cr. 1-8
Professional experience in public or private institutions relevant to student’s field of specialization. Initial plan of involvement and final evaluation. Offered Fall, Winter.
Restriction(s): Enrollment is limited to Graduate level students.
Course Material Fees: $16
Repeatable for 8 Credits

KHS 8999 Master's Thesis Direction Cr. 1-8
Offered Fall, Winter.
Restriction(s): Enrollment is limited to Graduate level students.
Repeatable for 8 Credits

KHS 9600 Doctoral Seminar in Kinesiology, Health and Sport Studies Cr. 3
Introduction to active programs of research in the field of kinesiology; research presentations and discussion by faculty, guest lecturers and students. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy degree.

KHS 9601 Professional Seminar Cr. 1
Critical examination, presentation, and discussion of current interest in kinesiology and health. The emphasis is on interdisciplinary communication and presentation skills. Offered Every Term.
Restriction(s): Enrollment limited to students in a Doctor of Philosophy degree.
Repeatable for 6 Credits