The Kinesiology program is committed to the study and research of human movement in all its dimensions. Undergraduate study focuses on exercise stress, movement efficiency, and fitness; the social, cultural, and psychological aspects of participation in physical activity and sport; coordination, control, and skill of physical activity; physical growth, development, and body form throughout the lifespan; the effects of therapeutic techniques of kinesiology upon recovery from physical injury; and the instructional process of teaching/coaching of physical activity and sport.

The curriculum combines a comprehensive liberal arts and sciences education with in-depth study in a particular area of interest. The program of study provides knowledge and understanding essential for human movement and sport careers in either public or private agencies. The hours required for graduation include prescribed courses for all students as well as requirements determined by the various areas of emphasis selected by the student. Teaching and research emphasize hands-on learning through the use of technology and modern laboratory equipment. Graduates find employment in a variety of fields including teaching, corporate fitness, coaching, and athletic training. Many students continue their education and become physical therapists, physicians, exercise physiologists, and sport psychologists.

A 5 year BS MPH joint degree program is available for students majoring in Community Health, I-Health, or Kinesiology. Students apply for the program in the latter part of their third year (junior year) of study. Students accepted into the BS MPH joint degree program take 12 credit hours of coursework in their senior year that apply to both BS and MPH degrees. In the 5th year of study, students complete the remaining requirements for the MPH degree, and graduate simultaneously with both BS and MPH degrees. The requirements are explained in more detail on the MPH program website: http://www.mph.illinois.edu/Program/.

For the Degree of Bachelor of Science in Kinesiology

Requirements Including General Education

The Kinesiology Program requires that General Education requirements must be selected from the Campus General Education course list. The prescribed courses prepare the student for upper division study and may be used to satisfy General Education requirements provided they are on the appropriate General Education list. Specifically required General Education courses are listed below.

<table>
<thead>
<tr>
<th>Communication Arts</th>
<th>6-7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition I and an approved speech performance course; or CMN 111 and CMN 112</td>
<td></td>
</tr>
<tr>
<td>Advanced Composition (KIN 340 fulfills requirement)</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Reasoning I &amp; II</td>
<td>6</td>
</tr>
<tr>
<td>From the approved campus list</td>
<td></td>
</tr>
<tr>
<td>Humanities and Arts</td>
<td>6</td>
</tr>
<tr>
<td>From the approved campus list</td>
<td></td>
</tr>
<tr>
<td>Behavioral and Social Sciences</td>
<td>1</td>
</tr>
</tbody>
</table>

Kinesiology Program Guided Electives

Elective Kinesiology Courses

All courses must be at the 200, 300, or 400 level. At least six or more hours must be at the 400 level (at least 12 hours).

Correlate Area Studies

Students select a standardized correlate that will prepare them for further education toward their career goals (at least 18 hours).

Summary of Degree Requirements

| General Education and supporting coursework | 46 |
| Kinesiology and Community Health Department Core | 6 |
| Kinesiology Core | 22 |
| Elective Kinesiology courses | 12 |
| Correlate Area | 18 |
| Free electives | 24 |
| Total Hours | 128 |

Information listed in this catalog is current as of 07/2017
Requirements for Teacher Certification

Application to the Teacher Licensure curriculum is made at the end of the sophomore year. Admission depends on meeting minimum grade point average requirements and having passed an Illinois approved test of basic skills. Approved tests consist of the Illinois Test of Academic Proficiency (TAP), ACT or SAT with approved scores. In order to remain in good standing in this program and be recommended for licensure, candidates are required to maintain UIUC, cumulative, and content area grade point averages of 2.5 (A=4.0), and a professional education grade point average of 3.0. Candidates should consult their advisor or the Council on Teacher Education for the list of courses used to compute these grade point averages. In addition, candidates must receive a B- or higher in KIN 360, KIN 361, KIN 362, KIN 363, KIN 364, and KIN 460, and meet professional standards of scholarship, ethics, and responsibility as evaluated by the Physical Education Area of Specialization Committee. In addition, students must complete all professional education and content-area courses with a grade of C or better for licensure.

In addition to the General Education requirements for all Kinesiology undergraduates, the teacher licensure requirements for students in all curricula, and the Kinesiology core requirements, students pursuing licensure to teach physical education (K-12) must include the following courses in the elective kinesiology, correlate area studies, and free electives areas:

### Required Electives and Correlate Area Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 360</td>
<td>Adapted Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>KIN 361</td>
<td>Curriculum in Grades K-6</td>
<td>3</td>
</tr>
<tr>
<td>KIN 362</td>
<td>Curriculum in Grades 7-12</td>
<td>3</td>
</tr>
<tr>
<td>KIN 363</td>
<td>Instructional Strategies in PE</td>
<td>3</td>
</tr>
<tr>
<td>KIN 364</td>
<td>Exper in the Common School</td>
<td>3</td>
</tr>
<tr>
<td>KIN 401</td>
<td>Measure &amp; Eval in Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KIN 460</td>
<td>Technology &amp; Pedagogical KINES</td>
<td>3</td>
</tr>
<tr>
<td>KIN 260</td>
<td>Teaching Activities I</td>
<td>3</td>
</tr>
<tr>
<td>KIN 261</td>
<td>Teaching Activities II</td>
<td>2</td>
</tr>
<tr>
<td>CI 473</td>
<td>Disciplinary Literacy</td>
<td>2</td>
</tr>
<tr>
<td>EPS 201</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>EPSY 201</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>EDPR 438</td>
<td>Educational Practice in Special Fields</td>
<td>3</td>
</tr>
<tr>
<td>EDPR 442</td>
<td>Educational Practice in Secondary Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Students may not enroll for professional education courses from the Elective Kinesiology area until they have applied to the Teacher Education K-12 program and passed an Illinois approved test of basic skills. Approved tests consist of the Illinois Test of Academic Proficiency (TAP), ACT, or SAT with approved scores.

KIN Class Schedule (https://courses.illinois.edu/schedule/DEFAULT/DEFAULT/KIN)

### Courses

**KIN 100 Development Activities credit: 1 to 2 Hours.**
Skills and knowledge essential for leisure-time activities which are classified as developmental activities. Prerequisites and descriptions for each developmental activity are provided in the Class Schedule. More than one activity (Sections A through Z) may be taken in the same term. Additional fees may apply. See Class Schedule. May be repeated to a maximum of 2 hours.

**KIN 101 Dance Activities credit: 1 Hour.**
Skills and knowledge essential for leisure-time activities which are classified as dance activities. May be repeated; more than one activity (Sections A through Z) may be taken in the same term. Prerequisite: See Class Schedule for prerequisites for each dance activity.

**KIN 102 Individual and Dual Activities credit: 1 Hour.**
Skills and knowledge essential for leisure-time activities which are classified as individual and dual activities. Prerequisites for each individual or dual activity are provided in the Class Schedule. More than one activity (Sections A through Z) may be taken in the same term. Additional fees may apply. See Class Schedule.

**KIN 103 Indoor Court Activities credit: 1 Hour.**
Skills and knowledge essential for leisure-time activities which are classified as indoor court activities. Prerequisites for each indoor court activity are provided in the Class Schedule. More than one activity (Sections A through Z) may be taken in the same term.

**KIN 104 Skating Activities credit: 1 Hour.**
Skills and knowledge essential for leisure-time activities which are classified as skating activities. Prerequisites for each skating activity are provided in the Class Schedule. Additional Ice Skating Rink Facility charges are required and provided in the Class Schedule. More than one activity (Sections A through Z) may be taken in the same term. Additional fees may apply. See Class Schedule.

**KIN 107 Aquatic Sport Activities credit: 1 Hour.**
Skills and knowledge essential for leisure-time activities which are classified as aquatic sport activities. Prerequisites for each aquatic sport activity are provided in the Class Schedule. More than one activity (Sections A through Z) may be taken in the same term. Additional fees may apply. See Class Schedule.

**KIN 109 Team Sport Activities credit: 1 Hour.**
Skills and knowledge essential for leisure-time activities which are classified as team sport activities. Prerequisites for each team sport activity are provided in the Class Schedule. More than one activity (Sections A through Z) may be taken in the same term.

**KIN 110 Intro to the Health Sciences credit: 3 Hours.**
Same as CHLH 110. See CHLH 110.

**KIN 111 Prescribed Exercise credit: 1 Hour.**
Prescribed exercises adapted to individual needs, capacities, and interests; open to persons with paraplegia, permanently disabled, and individuals with significant temporary disabilities who will require long term rehabilitation. Students must be registered or eligible to register with DRES. May be repeated to a maximum of 4 hours. Prerequisite: Enrollment restricted to students with permanent disabilities or disabilities which are long-term in nature. Student should be registered or eligible to register with DRES.

**KIN 120 Injuries in Sport credit: 2 Hours.**
Emphasizes injury mechanisms, means of injury prevention, and emergency care applied to various types of sport injuries; laboratory sessions emphasize preventive and therapeutic taping and emergency first aid. Additional fees may apply. See Class Schedule.

**KIN 121 Survey of Sports Medicine credit: 3 Hours.**
Introduction to sports medicine for non-kinesiology majors; includes discussion of training, conditioning, preparation for sports, injury aspects of sports, and rehabilitation.

**KIN 122 Physical Activity and Health credit: 3 Hours.**
Provides the scientific evidence of physical activity in preventing disease and optimizing quality of life. Teaches behavioral change strategies to achieve an active lifestyle.

*Information listed in this catalog is current as of 07/2017*
KIN 125  Orientation KIN & Comm Health  credit: 1 Hour.
Serves as an introduction to the Kinesiology and Community Health Department and provides an overview of the Kinesiology and Community Health curricula, areas of study, and opportunities available for a career in the field. Enrollment required for Kinesiology freshmen and transfer students. Credit is not given for both KIN 125 and CHLH 125.

KIN 130  Analysis of Basic Movement  credit: 2 Hours.
Introduction to human movement through development of skills and knowledge relative to structure and function of the human body in selected physical activities including: basic postural and locomotion patterns and fundamental throwing patterns; also studies developmental aspects of typical and atypical movement skills. Emphasizes performance and qualitative analysis of movement skills.

KIN 140  Social Sci of Human Movement  credit: 3 Hours.
Introduction to the social scientific aspects of human movement including sport; particular emphasis on concepts derived from the social sciences (including psychology) that are appropriate to human movement. Additional fees may apply. See Class Schedule. This course satisfies the General Education Criteria for: UIUC: Social Sciences

KIN 142  Contemporary Issues in Sport  credit: 3 Hours.
Examines current issues in sport relative to competition, economics, race, sex, youth, educational institutions, deviant behavior, religion, psychology, and the media.

KIN 150  Bioscience of Human Movement  credit: 3 Hours.
Integrates anatomical and physiological aspects of human movement; emphasizes how the body moves, physiological responses to exercise stress, physical conditioning and physical fitness. Additional fees may apply. See Class Schedule. This course satisfies the General Education Criteria for: UIUC: Life Sciences

KIN 160  Introduction to Kinesiology  credit: 3 Hours.
Kinesiology is the interdisciplinary study of physical activity that includes a number of sub-disciplines. This course will examine these areas of study within Kinesiology from scientific, applied, and experiential perspectives. Students will study fundamental/introductory concepts associated with each area of Kinesiology, explore those concepts within research and applied contexts, and complete activities in which they experience various dimensions of those concepts.

KIN 199  Undergraduate Open Seminar  credit: 0 to 5 Hours.
Additional fees may apply. See Class Schedule. Approved for letter and S/U grading. May be repeated.

KIN 201  Physical Activity Research Methods  credit: 3 Hours.
This course provides an introduction of physical activity measurement and methods. The course will focus on (a) defining physical activity and associated terms and concepts; (b) providing detailed understanding of approaches and tools for measuring physical activity; and (c) facilitating understanding of scientific methods for physical activity research (e.g., experimental and non-experimental designs).

KIN 230  Diversity in Recreation, Sport, and Tourism  credit: 3 Hours.
Same as HDFS 263 and RST 230. See RST 230. This course satisfies the General Education Criteria for: UIUC: US Minority Culture(s)

KIN 247  Intro to Sport Psychology  credit: 3 Hours.
Analysis of the competitive sport process, with study of how personality and situational variables affect motivation, anxiety, and aggression in sport. Attention is given to the psychological skills needed by coaches and athletes for successful and enjoyable sports participation.

KIN 249  Sport & Modern Society  credit: 3 Hours.
The sociological analysis of sport in modern societies with regard to social class, politics, community, education, and collective behavior. Same as SOC 249.
This course satisfies the General Education Criteria for: UIUC: Social Sciences

KIN 257  Coordination, Control & Skill  credit: 3 Hours.
Introduction to the concepts and principles of the coordination and control of movement and the development of skilled action. The course will focus on such topics as fundamental movement activities; movement control processes; acquisition, retention and transfer of skill; and the role of constraints to action. These topics have implications for understanding skilled performance, motor development and human performance in general. Additional fees may apply. See Class Schedule. Prerequisite: KIN 140 and KIN 150 or consent of instructor.

KIN 259  Motor Development and Control  credit: 3 Hours.
This course provides students with an overview of motor development across the life span as well as an introduction to the discipline of motor behavior/control. Specifically, it focuses on the concepts and principles of coordination, the control of movement, and development of skilled action throughout the life span. The course focuses on such topics as the development of fundamental movement activities; movement control processes; acquisition, retention and transfer skill; and the role of constraints to action. Same as HDFS 259. Additional fees may apply. See Class Schedule. Credit is not given for both KIN 259 and KIN 257. This course satisfies the General Education Criteria for: UIUC: Behavioral Sciences

KIN 260  Teaching Activities I  credit: 3 Hours.
An activity-based course focusing on skills, knowledge, and teaching progressions related to territorial and net sports for school age students. Students will develop knowledge of the basic skills and teaching progressions related to the activities covered in the class. Prerequisite: KIN 130.

KIN 261  Teaching Activities II  credit: 2 Hours.
An activity-based course focusing on skills, knowledge, and teaching progressions related to target sports, rhythms, dance and fitness activities, and adventure education activities for school age students. Students will develop knowledge of the basic skills and teaching progressions related to the activities covered in the class. Prerequisite: KIN 130.

KIN 262  Motor Develop, Growth & Form  credit: 3 Hours.
Examination of the concepts of motor development, physical growth, and body form throughout the lifespan. Major emphasis is on the period of birth through adolescence. Same as HDFS 262. This course satisfies the General Education Criteria for: UIUC: Behavioral Sciences

KIN 268  Children's Movement  credit: 3 Hours.
Introduction and overview of kinesiology principles and physical activity related to children. Laboratory portion of class focuses on the application of information to teaching physical activity to elementary school children. Prerequisite: For non-kinesiology majors.
KIN 340 Soc & Psych of Phys Activity credit: 3 Hours.
Discusses how social and psychological processes and constraints affect human action in physical activity environments. Attention is given to socialization, personal dynamics, stratification, and ideological and economic constraints upon the manifestations of physical activity. Prerequisite: KIN 140 or PSYC 100 and completion of the Campus Composition I general education requirement. This course satisfies the General Education Criteria for: UIUC: Advanced Composition

KIN 345 Sport and Society credit: 3 Hours.
Same as HIST 390. See HIST 390.

KIN 346 Case Study: Endless Summer credit: 3 Hours.
The 1966 classic film –The Endless Summer– and related films and literature are used as lenses for the historical-cultural study of human movement in the form of riding waves of water. Surf culture and films are global phenomena and by using such as unique cases, students gain mastery in cultural-interpretive theories, themes, and vocabulary, and in articulating perspectives on social roles, knowledge, and power. Same as RST 346 and MACS 346.

KIN 352 Biomechanics of Human Movement credit: 3 Hours.
Study of the nature of energy transfer during physical activity; mechanisms of metabolic control, force production, cardiorespiratory support and adaptation relative to physical activity. Additional fees may apply. See Class Schedule. Prerequisite: MCB 103.

KIN 355 Biomechanics of Human Movement credit: 3 Hours.
Studies the biological and mechanical principles of human motor performance; analyzes selected movement skills in depth. Additional fees may apply. See Class Schedule. Prerequisite: MCB 334, MATH 012 or above, or consent of instructor.

KIN 360 Adapted Physical Education credit: 3 Hours.
Organization, administration, and conduct of physical education programs for the most prevalent types of medical conditions found in school settings; emphasis on analyzing motoric needs and prescribing programs of motor activity for special populations, including individuals with mental retardation and learning disabilities. Prerequisite: Junior standing or above and enrollment in the Teacher Certification program or consent of instructor.

KIN 361 Curriculum in Grades K-6 credit: 3 Hours.
Examines the theoretical and philosophic curricular principles necessary to the development of a sound, professionally grounded, and research-based curriculum for children in grades K-6. Requires planning a variety of developmentally appropriate learning activities that are taught to children during micro-teaching experiences in the field. Prerequisite: Junior standing or above and enrollment in the Teacher Certification program or consent of the instructor.

KIN 362 Curriculum in Grades 7-12 credit: 3 Hours.
Provides students with theoretical knowledge and professional practice in secondary physical education curriculum and instruction. This research-based course emphasizes effective teaching, development of content, and analysis of curricular models in grades 7-12. Prerequisite: Junior standing or above and enrollment in the Teacher Certification program or consent of instructor.

KIN 363 Instructional Strategies in PE credit: 3 Hours.
Analyzes the teaching-learning process, emphasizing the identification of instructional strategies specific to the development of skilled performance in movement activities. Prerequisite: Junior standing or above and enrollment in the Teacher Certification program.

KIN 364 Exper in the Common School credit: 3 Hours.
Supervised practice in observing, assisting, and teaching children in elementary, junior high school, and senior high school. Emphasis is on understanding motor behavior, teacher-learner behavior, and interrelatedness with other aspects of the learning environment. May be repeated to a maximum of 6 hours. Prerequisite: Junior standing or above and enrollment in the Teacher Certification program or consent of the instructor.

KIN 365 Civic Engagement in Wellness credit: 3 Hours.
Provides scholarly knowledge and practical experience related to environmental, intellectual, physical, psychological, spiritual, and social wellness. Students acquire leadership and real-world skills while working in teams to develop and implement projects that facilitate health and well-being in the population of adults living in the community. Projects emphasize integrative learning and are showcased in both written and oral formats. Same as AHS 365, CHLH 365, RST 365, and SHS 370.

KIN 366 Coaching Strategies credit: 3 Hours.
Examines of philosophy, ethics, strategies, motivational techniques, performance analysis, program organization, contest administration, and equipment and facility management related to coaching.

KIN 367 Comm Partners & Health credit: 3 Hours.
Same as AHS 375 and SHS 375. See SHS 375.

KIN 368 Exercise Instruction & Elderly credit: 3 Hours.
This course is designed to offer practical experience opportunities to undergraduate Kinesiology students aspiring to work in applied exercise fields with a diverse aged population. It will entail extensive "on the job" training through the Lifetime Fitness Program, an older adult service program of the Department of Kinesiology. Additionally, students will gain training in current program management practices. May be repeated to a maximum of 12 hours. Prerequisite: Consent of instructor.

KIN 369 Comm Partners & Health credit: 3 Hours.
Same as AHS 375, CHLH 375, RST 375, and SHS 375.

KIN 370 Exper in Kinesiology Research credit: 3 Hours.
Supervised laboratory experiences in kinesiology research; individual work under the supervision of members of the faculty in their respective fields. The student assists with data collection, processing, and analysis for research in progress. May be repeated to a maximum of 12 hours. Prerequisite: Consent of instructor.

KIN 371 Honors credit: 2 Hours.
Course is restricted to James Scholars pursuing the Civic Commitment and Leadership Tracks. Designed to support completion of the James Scholar honors project. Same as CHLH 390 and RST 390. May be repeated to a maximum of 6 hours. Prerequisite: James Scholar standing.

KIN 373 Exper in Kinesiology Research credit: 3 Hours.
Supervised practical experience in leadership roles in nonschool agency settings; emphasis on observing, planning, and conducting physical activity programs for children and/or adults in preschool, recreation, or other social agencies. May be repeated for a maximum of 6 hours.

KIN 377 Special Project-Problem credit: 2 or 3 Hours.
Special projects in research and independent investigation in any phase of health, kinesiology, physical education, and related areas selected by the students. May be repeated to a maximum of 6 hours. Prerequisite: Junior or senior standing; grade-point average of 2.5; consent of instructor.
KIN 470  Exercise Endocrinology  credit: 3 or 4 Hours.
The objective of this course is to gain a better understanding of the endocrine system and its response to physical exercise. Therefore, this course will provide a basic review of 1) the major glands and tissues that secrete chemical messengers, 2) the ability of acute exercise and exercise training to regulate chemical messengers, and 3) the physiological consequences of endocrine adaptation to exercise. Clinical disorders associated with endocrine dysfunction will also be discussed when relevant. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: MCB 103, MCB 240, KIN 352.

KIN 473  Skill Acquisition Strategies  credit: 3 or 4 Hours.
Examines theory and practice related to structuring practice conditions to maximize the acquisition and performance of motor skills. The nature of skill, activities, and strategies for enhancing skill are discussed with particular emphasis placed on strategies that instructors, teachers, and/or coaches can use to enhance skill acquisition and performance. 3 undergraduate hours. 4 graduate hours. Prerequisite: KIN 257 or graduate standing or consent of instructor.

KIN 474  Tech-Driven Health Intervention  credit: 3 or 4 Hours.
Course will review and critique the state of the science of technology-driven health behavior interventions. A broad scope of technologies and health behaviors will be covered and students will acquire an understanding of current uses of technology for facilitating health behavior change and maintenance. Students will examine the efficacy and potential for large-scale adoption and dissemination; and develop skills necessary to apply technology-based solutions to address public health problems. 3 undergraduate hours. 4 graduate hours.

KIN 485  Clin Exper in Sports Medicine  credit: 2 to 8 Hours.
Clinical experiences in medical supervision of sports programs, in the areas of therapeutic exercises, fitness programming, and cardiac rehabilitation. 2 to 8 undergraduate hours. 2 to 8 graduate hours. May be repeated to a maximum of 8 hours. Prerequisite: Consent of instructor.

KIN 494  Special Topics  credit: 1 to 4 Hours.
Lecture course on topics of current interest; specific topics announced in the Class Schedule. 1 to 4 undergraduate hours. 1 to 4 graduate hours. May be repeated.