



Proposal to the Senate Educational Policy Committee

PROPOSAL TITLE: Revisions to the Bachelor of Science (BS) in Kinesiology curriculum in the Department of Kinesiology and Community Health (KCH), College of Applied Health Sciences (AHS)

SPONSOR: Kim C. Graber, Professor and Curriculum Coordinator, Department of Kinesiology and Community Health, kgraber@illinois.edu, (217) 333-2697

COLLEGE CONTACT: Amelia Mays Woods, Professor and Department Head in the Department of Kinesiology and Community Health, amywoods@illinois.edu, (217) 244-0823.

BRIEF DESCRIPTION:

Proposed changes to the Bachelor of Science in Kinesiology (see Appendix A for specifics):

1. Addition of a required course to the Kinesiology Core Requirements that will provide students with knowledge of the wide variety of methods and measurements used to conduct physical activity related research.
2. Reduce the number of Kinesiology Core Requirements by combining current courses in which there is considerable overlap to enable students to enroll in a greater number of free electives.
3. Eliminate the computing class requirement from the Department Requirements to provide students with additional elective choices and because students today enter the department with an appropriate degree of computing competence.
4. Increase the number and variety of free electives to enable students to plan a program of study that is more flexible and individualized.
5. Eliminate the requirement to take one class from each area of study when meeting the Kinesiology Electives requirement.

JUSTIFICATION:

This proposal is the result of extensive curriculum planning that occurred during multiple department retreats and sub-committee meetings over a two-year period of time. It represents a collective faculty vision for a curriculum that we believe best represents the interests of 21st century students, reflects the undergraduate curriculum core elements as suggested by the American Kinesiology Association (see <http://www.americankinesiology.org/the-undergraduate-core-in-kinesiology/section-one-the-aka-undergraduate-core-elements>), and meets the needs of students who will be pursuing graduate degrees or seeking positions in the allied health sciences.

There are several primary changes proposed to the curriculum. First, undergraduate students have increasingly been encouraged to participate in supervised research experiences in which they receive credit (e.g., KIN 385 Exper in Kinesiology Research) for assisting in faculty research laboratories or on faculty-directed research projects. Students frequently enter this experience without adequate knowledge of physical activity research methodology. As a result, they are required to spend considerable time learning basic research terminology/techniques before they can actively participate in data collection, coding, or analysis. Further, a large number of department classes require students to read and analyze research articles. Without adequate understanding of different research methodologies, students are disadvantaged when attempting to interpret, synthesize, critique, and comment on the studies they read. Finally, most students who pursue graduate education or positions in the allied health fields are expected to be well-versed in different research methodologies. The addition of KIN 201 (Phys Act Research Meas & Meth) has both a lecture and laboratory component that will enable students to acquire knowledge of and experience with different research methods/techniques that range from experimental and non-experimental designs to quantitative and qualitative approaches to data collection. Knowledge acquired in this course will facilitate student participation in supervised research experiences and enable them to more critically understand research studies.

Second, there is considerable overlap in the existing Kinesiology Core Requirements. Specifically, there are 24 hours of current Kinesiology Core Requirements. Of the required courses, there is significant overlap between and among KIN 130 (Analysis of Basic Movement; 2 hours), KIN 257 (Coordination, Control & Skill; 3 hours), and KIN 262 (Motor Develop, Growth & Form; 3 hours). A recently approved class, KIN 259 (Motor Development and Control; 3 hours) that combines content from the other courses will be added to the Kinesiology Core Requirements and KIN 130, 257, and 262 will be removed as requirements. The addition of KIN 201 (described in the paragraph above) and KIN 259, combined with the elimination of KIN 130, 257, and 262; will result in the Kinesiology Core Requirements being reduced from 24 to 22 hours. This will enable undergraduate students to enroll for additional elective courses that will result in a more individualized program of study.

Third, students currently enter the department with computing competence. Several decades ago, when computers, computer software, and the internet were recent innovations, students lacked competence in computing. To provide students with adequate knowledge of basic computing, a computer-related requirement was added to the Department Requirements. Since current students already possess an appropriate degree of computing knowledge, faculty and the advising staff unanimously recommend removing this requirement to enable them to take more elective classes that will better meet their educational and career goals.

Fourth, by reducing the number of hours in the Kinesiology Core, and by eliminating the computing requirement, students will have greater opportunity to individualize their program of study. This is particularly important because a large number of students immediately enter graduate school in the allied health fields (e.g., physical and occupational therapy, medical school) where they are expected have taken classes that are not part of the department core requirements. Thus, they require time in their program of study to enroll for free elective classes (e.g., chemistry, physics). Further, students in the teacher licensure program are currently required to take 49 hours of additional coursework in order to meet State of Illinois licensure requirements (see Appendix B for additional courses required for students in the teacher licensure program). By reducing the number of courses in the Kinesiology Core and eliminating the computing requirement, students' required coursework will be reduced by 5 hours, making it more likely that they can graduate in a timely manner.

Fifth, students are currently required to enroll for 12 hours of Kinesiology Electives in which they enroll for one class from each of the three areas of study in Kinesiology (Biobehavioral Kinesiology; Cultural, Pedagogical and Interpretive Studies; and Exercise Physiology). Since courses are increasingly interdisciplinary in nature, and because they already gain exposure to each area of study through required classes in the Kinesiology Core, there no longer exists a need for this requirement. Students will still be required to enroll for 12 hours of Kinesiology Electives, but they will no longer be restricted by having to select one class from each area of study. This change will provide students with greater flexibility and a more individualized program of study.

Finally, the credit requirements for foreign language have been added to the degree requirements since they are currently missing (see Appendix A). The last paragraph from the Additional Requirements for Teacher Licensure has been removed since the current information is no longer accurate and because testing rules required by the State of Illinois are beyond the control of the department and can be changed without notice (see Appendix B).

BUDGETARY AND STAFF IMPLICATIONS:

1) Resources

- a. How does the unit intend to financially support this proposal?

The number of faculty in Kinesiology has more than doubled in the past decade. No additional faculty will be required, particularly since the number of hours in the Kinesiology Core are being reduced. KCH has the resources necessary to implement the new curriculum.

- b. How will the unit create capacity or surplus to appropriately resource this program? If applicable, what functions or programs will the unit no longer support to create capacity?

Two sections of KIN 201 (Phys Act Research Meas & Meth) will be added to the timetable each year, beginning in Fall 2016. In addition, two sections of KIN 259 (Motor Development and Control), will be added each year, beginning in Fall of 2016. Since each class has a laboratory component that will require graduate student support, other classes requiring graduate student support are being removed from the curriculum. For example, two out of three sections per year of KIN 130 (Analysis of Basic Movement), all existing sections of KIN 257 (Coordination, Control & Skill), and one out of two sections per year of KIN 262 (Motor Develop, Growth & Form) will be removed from the timetable. Please note that KIN 257 will continue to be offered at least once per year only until all current students complete their degree requirements.

- c. Will the unit need to seek campus or other external resources? If so, please provide a summary of the sources and an indication of the approved support.

No campus or external resources will be sought.

- d. Please provide a letter of acknowledgment from the college that outlines the financial arrangements for the proposed program.

See attached.

2) Resource Implications

- a. Please address the impact on faculty resources including the changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

No additional faculty are necessary. Faculty will maintain their current course loads. For KIN 201 and 259 there will be approximately 90 students per faculty member in the lecture section of each class and 30 students per TA in each lab section.

- b. Please address the impact on course enrollment in other units and provide an explanation of discussions with representatives of those units.

Students will no longer be required to take a computing-related class (e.g., ACE 161 is a recommended class). See attached letter.

- c. Please address the impact on the University Library

Not applicable. There will be no additional impact on the University Library. See attached letter.

- d. Please address the impact on technology and space (e.g. computer use, laboratory use, equipment, etc.)

Not applicable. There will be no additional impact related to technology or space since we will use existing classroom/lab space from the courses being dropped to support the courses being added.

DESIRED EFFECTIVE DATE: Fall 2016

STATEMENT FOR PROGRAMS OF STUDY CATALOG:

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 life span; 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.**

CLEARANCES:

Signatures:

Kim C. Hvalby
Unit Representative:

10-23-15
Date:

Regina J. Astor
College Representative:

11-3-15
Date:

Graduate College Representative:

Date:

Brenda Cleung Evans
Council on Teacher Education Representative:

2/10/16
Date:

Kinesiology

Amy Woods, ~~Interim~~ Department Head
117 Freer Hall, 906 South Goodwin, Urbana
PH: (217) 244-0823
www.kch.illinois.edu

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The Kinesiology curriculum leads to a bachelor of science degree that will prepare students for careers in human movement related fields and/or advanced professional or graduate study. The undergraduate program provides the student with a broad general education, a departmental core integral to the understanding of the diverse aspects of human movement, and a correlate area of courses specific to the student's area of concentration within Kinesiology.

Students who desire certification as a physical education teacher can satisfy the necessary subject matter requirements by appropriate selection of courses within the several categories of the curriculum. Students seeking such certification should ask the undergraduate academic adviser about admission criteria for the teacher certification program in physical education. For teacher certification requirements applicable to all curricula, see the Council on Teacher Education section. Further information on careers in Kinesiology is available from the Academic Advising Office, Department of Kinesiology and Community Health, University of Illinois at Urbana-Champaign, 155 Freer Hall, 906 South Goodwin Avenue, Urbana, IL, 61801, (217) 333-1083 (217) 333-2461.

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.

Communication Arts

Composition I and an approved speech performance course; or [CMN 111](#) and [CMN 112](#) 6-7

Advanced Composition ([KIN 340](#) fulfills requirement) 3

Quantitative Reasoning I & II

From the approved campus list 6

Humanities and Arts

From the approved campus list 6

Behavioral and Social Sciences ¹

[KIN 140](#) Social Sci of Human Movement (Social Science) 3

~~[KIN 262](#)~~ [KIN 259](#) Motor Development and Control, ~~Growth & Form~~ (Behavioral Science) 3

Natural Sciences

[KIN 150](#) Bioscience of Human Movement (Life Science) 3

From the approved campus physical science list 3

Cultural Studies ²

From Western cultures approved campus list 3

From U.S. minority cultures or non-Western cultures approved campus list 3

Foreign language: Completion through the third level of the same language in high school or college [0-12](#)

Computer Skills

~~From the approved department list~~ 3

Anatomy

[MCB 244](#) Human Anatomy & Physiology I 5
& [MCB 245](#) and Human Anat & Physiol Lab I

[MCB 246](#) Human Anatomy & Physiology II 5
& [MCB 247](#) and Human Anat & Physiol Lab II

Kinesiology and Community Health Department Core

CHLH 101	Introduction to Public Health	3
KIN 122	Physical Activity and Health	3
Kinesiology Core Requirements		
KIN 125	Orientation KIN & Comm Health	1
KIN 130	Analysis of Basic Movement	2
KIN 140	Social Sci of Human Movement ³	3
KIN 150	Bioscience of Human Movement ³	3
KIN 201	Phys Act Research Meas & Meth	3
KIN 259	Motor Development and Control	3
KIN 340	Soc & Psych of Phys Activity ³	3
KIN 257	Coordination, Control & Skill	3
KIN 262	Motor Develop, Growth & Form³	3
KIN 352	Bioenergetics of Movement	3
KIN 355	Biomechanics of Human Movement	3

¹ Students pursuing teacher ~~certification~~ ~~licensure~~ must complete [PSYC 100](#) or [PSYC 103](#) in addition to ~~[KIN 262](#)~~[KIN 259](#).

² Courses in cultural studies may be completed through other categories where appropriate.

³ Fulfills University General Education Requirements

Kinesiology Program Guided Electives

Elective Kinesiology Courses

All courses must be at the 200, 300, or 400 level. ~~One course must be completed in each of the three areas (exercise physiology and athletic training; cultural, pedagogical and interpretive studies; and biobehavioral kinesiology).~~ At least six or more hours must be at the 400 level (at least 12 hours). 12

Correlate Area Studies

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

Summary of Degree Requirements

General Education and supporting coursework	4946
Kinesiology and Community Health Department Core	6
Kinesiology Core	2422
Elective Kinesiology courses	12
Correlate Area	18
Free electives	1924
Total Hours	128

~~Requirements~~ Additional Requirements for Teacher ~~Certification~~ Licensure

Application to the Teacher ~~Certification-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 ~~certification~~ 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 ~~degree required~~ professional education and content-area courses with a grade of C or ~~higher~~ better for licensure.

In addition to the General Education requirements for all Kinesiology undergraduates, the teacher ~~certification-licensure~~ requirements for students in all curricula, and the Kinesiology core requirements, students pursuing ~~certification-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

KIN 360	Adapted Physical Education	3
KIN 361	Curriculum in Grades K-6	3
KIN 362	Curriculum in Grades 7-12	3
KIN 363	Instructional Strategies in PE	3
KIN 364	Exper in the Common School	3
KIN 401	Measure & Eval in Kinesiology	3

KIN 460	Technology & Pedagogical KINES	3
KIN 260	Teaching Activities I	3
KIN 261	Teaching Activities II	2
CI 473	Literacy in Content Areas Disciplinary Literacy	1
EPS 201	Foundations of Education	3
EPSY 201	Educational Psychology	3
EDPR 438	Educational Practice in Special Fields	8
EDPR 442	Ed_ucational-Prac_tice in Secondary Education	8

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 the Illinois Certification Testing System Test of Basic Skills and have applied to the Teacher Education K-12 program.~~ [An Illinois approved test of basic skills. Approved tests consist of the Illinois Test of Academic Proficiency \(TAP\), ACT, or SAT with approved scores.](#)

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

EP.16.59

Office of the Provost and Vice Chancellor
for Academic Affairs

Swanlund Administration Building
601 East John Street
Champaign, IL 61820



February 15, 2016

Bettina Francis, Chair
Senate Committee on Educational Policy
Office of the Senate
228 English Building, MC-461

Dear Professor Francis:

Enclosed is a copy of a proposal from the College of Applied Health Sciences to revise the Bachelor of Science in Kinesiology.

Sincerely,

A handwritten signature in cursive script that reads 'Kathryn A. Martensen'.

Kathryn A. Martensen
Assistant Provost

Enclosures

c: K. Graber
R. Alston
A. Woods
B. Clevenger