

ATTACHMENT - 2A

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: _____
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: _____

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

SECTION VI: Justification

Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)

1) & 2) By reducing the number of concentrations in Exercise Science under KINSBS from four to two, students will be offered greater flexibility in selecting electives that satisfy their post-baccalaureate career goals and needs. 3) Clean-up of catalog copy of P-12 (formerly K-12 in KINSBS Teaching Physical Education, Wellness and Leisure) - this information was changed in galley proof last spring but did not come out in copy of '07-'08 Catalog of Studies for reasons unknown. These changes went through all of the proper procedures and approval processes, however, it was not completely approved until the August 2007 meeting of the AHECB. The COEHP Associate Dean's office allowed HKRD to place this information in the 2007-2008 Catalog of Studies.

SECTION VII: Catalog Text and Format

In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.

Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

For minors, state requirements in terms of hours, required courses, electives, etc.

For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.

For Law School program/units, prepare text consistent with current catalog style.

For centers, prepare text consistent with current catalog style.

Current Catalog Copy 2007-2008

Kinesiology (KINS)

- University Professor Di Brezzo
- Professors Fort, Gorman, Riggs
- Associate Professor Lirgg
- Clinical Associate Professor Kern

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- Assistant Professors Calleja, Kluess
- Clinical Assistant Professors Bonacci, Oliver, Smith-Nix
- Instructors Forbess, Mayes

The program in kinesiology is designed to prepare candidates for a variety of career options in the vast field of movement science. Career opportunities may include teaching physical education, coaching, analyzing and prescribing fitness programs, athletic training, or preparation for professional programs in allied health. Graduates of this program should be well prepared to enter graduate programs of study in such areas as pedagogy or adapted physical education, exercise physiology, biomechanics, athletic training, sport management, medical school, physical therapy school, and other allied health professional schools.

The candidate for the Bachelor of Science in Education degree with a major in kinesiology must select one of five concentrations:

- I. K-12 Teaching Physical Education/Wellness & Leisure
- II. Exercise Science – Exercise Physiology/Biomechanics
- III. Exercise Science – Pre-Professional
- IV. Exercise Science – Fitness Specialist
- V. Exercise Science – Pre-Athletic Training

All students must complete the state minimum core (University Core) requirements as listed on page 40. In addition, all students must take the required general studies for the kinesiology major and the kinesiology core requirements listed below. As part of the University Core requirements, specific math and science courses are required within the kinesiology major and concentrations. A student preparing to teach in the public schools must select the K-12 teaching concentration and complete the stages of admission for initial licensure as listed on page 230, have a cumulative GPA of 2.70 or above, and be admitted to Graduate School to be eligible to apply for initial teacher licensure. Further information regarding the Teacher Licensure Process is found under Curricula Offered For Initial Licensure on page 230. Students interested in obtaining an endorsement in coaching should contact the Coordinator of Teacher Education. Students applying for other post-baccalaureate programs should inquire as to prerequisite requirements. Students majoring in kinesiology with a concentration in exercise science (concentrations II, III, IV, or V) must earn a grade of “C” or better in KINS 3153, KINS 3353, and KINS 3533, and meet the appropriate concentration requirements. A minimum of 124 semester hours is required for graduation in the major of kinesiology.

Curriculum for a Major in Kinesiology	HOURS
State Minimum Core (See page 40)	35-38
Social Sciences	9
3 hours must include PSYC 2003 General Psychology	
Required general studies for the Kinesiology Major	8-9
COMM 1313 Speech	
HLSC 1002 Wellness Concepts (for exercise science concentrations II-V) or	
HLSC 1103 Personal Health and Safety (for K-12 concentration I)	
PEAC 1621 (for exercise science concentrations II-V)	
Literature elective	3
Kinesiology Core	9
KINS 2223 Motor Development	
KINS 3153 Exercise Physiology (for exercise science concentrations II-V) or	
KINS 3163 Exercise Physiology: Theory and Application (for K-12 concentration I)	
KINS 3353 Mechanics of Human Movement	

Concentration I: K-12 Teaching Physical Education/Wellness & Leisure	68-71
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|---|--|
| BIOL 1543/1541L Principles of Biology (hours counted in the state minimum core) | |
| BIOL 2443/2441L Human Anatomy (hours counted in the state minimum core) | |
| PHED 1003 The P.E. Profession: An Overview | |

Note: All students seeking licensure in the state of Arkansas are subject to a criminal background check. Forms for this procedure may be obtained at Peabody Hall, Room 117, at the State Department, or any police station, including the campus police. These background checks take up to six months to process; therefore, students are advised to complete and submit the forms to the proper authorities

six months in advance of actually applying for a license. Arkansas will not certify anyone who has

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been convicted of a felony.

The following four concentrations are in the area of Exercise Science

Exercise Science Core for Concentrations II and III 40

BIOL 2443/2441L Human Anatomy (hours counted in the University minimum core)
BIOL 2213/2211L Human Physiology (hours counted in the University minimum core)
CHEM 1103/1101L University Chemistry I
CHEM 1123/1121L University Chemistry II
PHYS 2013/2011L College Physics I
PHYS 2033/2031L College Physics II
HESC 1213 Nutrition in Health
PSYC 4183 Behavioral Neuroscience
CNED 3053 The Helping Relationship
KINS 2733 Seminar in Exercise Science
KINS 3533 Laboratory Techniques
KINS 405V Independent Study (3 hrs.) or KINS 4903 Internship
KINS 4323 Analytical Basis/Movement
KINS 4833 Exercise Appl/Spec Pops

Concentration II: Exercise Science – Exercise Physiology/Biomechanics

Additional requirements
BIOL 1543/1541L Principles of Biology
PSYC 2013 Intro to Statistics for Psych. or adviser-approved statistics course
MATH 2043 Survey of Calculus (hours counted in the state minimum core)
CHEM 2613/2611L Organic Physiol. Chem
CHEM 3813 Intro to Biochemistry
Media course 3
Electives 11-14
See adviser for approved electives

Concentration III: Exercise Science – Pre-Professional

Exercise Science Core 40
Additional requirements 17
PSYC 2013 Intro to Statistics for Psych or adviser-approved statistics course
MATH 2043 Survey of Calculus (depending on post-baccalaureate plans, see adviser) (hours counted in the state minimum core)
CHEM 3603/3601L Organic Chemistry I
CHEM 3613/3611L Organic Chemistry II
CHEM 3813 Intro to Biochemistry
Media course 3
Electives 11-14
See adviser for approved electives

Concentration IV: Exercise Science – Fitness Specialist

Exercise Science Core 33
BIOL 2443/2441L Human Anatomy (hours counted in the university minimum core)
BIOL 2213/2211L Human Physiology (hours

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counted in the university minimum core)	
CHEM 1103/1101L University Chemistry I	
CHEM 1123/1121L University Chemistry II	
PHYS 2013/2011L College Physics I	
HESC 1213 Nutrition in Health	
CNED 3053 The Helping Relationship	
KINS 3533 Laboratory Techniques	
KINS 2733 Seminar in Exercise Science	
KINS 405V Independent Study (3 hrs.) or KINS 4903 Internship	
KINS 4323 Analytical Basis/Movement	
KINS 4833 Exercise Appl/Spec Pops	
Additional requirements	22
Math 1213 Plane Trigonometry	
CHEM 2613/2611L/2610D Organic Physiol. Chem	
PSYC 3023 Abnormal Psychology	
MKTT 3433 Principles of Marketing (Pre-requisite: ECON 2013 and ECON 2023 or ECON 2143 or AGEC 1103 and AGEC 2103. Any of these ECON courses will count towards social science state minimum core requirements)	
KINS 4773 Performance and Drugs	
HESC 2203 Nutrition for Exercise and Sport	
Media course	3
Electives	13-16
See adviser for approved electives	

Concentration V: Exercise Science – Pre-Athletic Training	HOURS
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Exercise Science Core	29
BIOL 2443/2441L Human Anatomy (hours counted in the state minimum core)	
BIOL 2213/2211L Human Physiology (hours counted in the state minimum core)	
CHEM 1103/1101L University Chemistry I	
PHYS 2013/2011L/2010D College Physics I	
HESC 1213 Nutrition in Health	
CNED 3053 The Helping Relationship	
KINS 2733 Seminar in Exercise Science	
KINS 3533 Laboratory Techniques	
KINS 405V Independent Study (3 hrs.) or KINS 4903 Internship	
KINS 4323 Analytical Basis/Movement	
KINS 4833 Exercise Appl/Spec Pops	
Additional requirements	30
BIOL 1543/1541L Principles of Biology	
ETEC 2001/2002L Educational Technology	
MATH 1213 Plane Trigonometry	
PSYC 3023 Abnormal Psychology	
KINS 2393 Prevention and Care/Athletic Injuries	
KINS 3093 Application Techniques in Athletic Training	
KINS 4773 Performance and Drugs Professions	
HLSC 2662 Terminology for the Health Professions	
HLSC 3633 First Responder – First Aid	
HESC 2203 Nutrition for Exercise and Sport	
Electives	9-12

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See adviser for approved electives

Kinesiology Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan in Kinesiology should see page 40 in the Academic Regulations chapter for university requirements of the program. Kinesiology has five concentrations: K-12, Exercise Physiology/Biomechanics, Fitness Specialist, Pre-Athletic Training, and Pre-Professional. The eight semester plan for each is listed below.

K-12 Concentration

Fall Semester Year 1

- 3 ENGL 1013 Composition I
- 3 †Social Science (except PSYC 2003)
- 4 BIOL 1543/1541L Principles of Biology w/Lab
- 3 HLSC 1103 Personal Health and Safety
- 3 PHED 1003 The P.E. Profession: An Overview

16 Semester Hours

Spring Semester Year 1

- 3 ENGL 1023 Composition II
- 3 MATH 1203 College Algebra (or higher)
- 3 COMM 1313 Fundamentals of Communication
- 3 †U.S. History
- 3 PHED 2013 Tch Progress and Assess./Basic Skills

15 Semester Hours

Fall Semester Year 2

- 3 KINS 2223 Motor Development
- 3 PSYC 2003 General Psychology
- 3 Literature Elective
- 3 FA/Humanities
- 4 BIOL 2443/2241L Human Anatomy w/Lab

16 Semester Hours

Spring Semester Year 2

- 3 PHED 3032 Teaching Rhythms
- 3 †Social Science (except PSYC 2003)

- 3 PHED 2023 Tch. Progres. & Assess./Adv. Skills
- 3 CIED 3033 Classroom Learning Theory
- 2 PHED 2002 Outdoor Recreation and Exp. Activities
- 3 †Fine Arts or Humanities

13-16 Semester Hours

Fall Semester Year 3

- 0-3 ENGL 2003 Advanced Composition (or exemption)
- 3 PHED 3373 Elementary Physical Education
- 3 PHED 3903 Physical Education for Special Populations
- 3 CNED 4003 Classroom Human Relationship Skills
- 3 KINS 3163 Ex Phys: Theory & App
- 0-3 †HLSC Elective

15-18 Semester Hours

Spring Semester Year 3

- 4 PHED 3074 Secondary Physical Education (must take with PHED 3702)
- 2 PHED 3702 Measurement in Kinesiology (must take with PHED 3074)
- 3 PHED 3043 Teaching Fitness
- 2 PHED 3022 Teaching Stunts and Tumbling
- 3 KINS 3353 Mechanics of Human Movement
- 1 HLSC Elective

15 Semester Hours

Fall Semester Year 4

- 1 PHED 3001 Practicum
- 3 PHED 3203 Prin. of Coaching

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3	KINS 4413 Org/Man/Mrkt Skills for the KINS Professional
3	HLSC 3633 First Responder — First Aid
3	KINS 3633 Phil/Soci Impact of Kinesiology
3	PHED 4023 Classroom Management
16	Semester Hours
Spring Semester Year 4	
9	PHED 407V Physical Education Teaching Internship
3	PHED 4263 Professional Issues in Teaching
1	PHED 4731 Senior Seminar
13	Semester Hours
124	Total Hours
† Core areas must be completed as outlined in the chart below.	

Exercise Physiology/Biomechanics Concentration	
Fall Semester Year 1	
3	ENGL 1013 Composition I
4	BIOL 1543/1541L Principles of Biology w/Lab
4	CHEM 1103/1101L University Chemistry I w/Lab
2	HLSC 1002 Wellness Concepts
1	PEAC 1621 Fitness Concepts
3	Elective (Recommend Math 1203 if needed)
17	Semester Hours
Spring Semester Year 1	
3	ENGL 1023 Composition II
3	MATH 2043 Survey of Calculus
3	†Social Science (recommend HIST 1003)
3	†U.S. History
4	CHEM 1123/1121L University Chemistry II w/Lab
16	Semester Hours
Fall Semester Year 2	
3	KINS 2223 Motor Development
3	PSYC 2003 General Psychology
3	†Fine Arts or Humanities
3	KINS 2733 Seminar in Exercise Science
4	BIOL 2443/2241L Human Anatomy w/Lab
16	Semester Hours
Spring Semester Year 2	
3	COMM 1313 Fundamentals of Communications
0-3	ENGL 2003 Advanced Composition (or Exempt)
3	†Social Science (except PSYC 2003)
4	CHEM 2613/2611L Organic Physiological Chemistry
4	BIOL 2443/2441L Human Physiology w/Lab
14-17	Semester Hours
Fall Semester Year 3	
4	PHYS 2013/2011L College Physics I w/Lab
3	KINS 3153 Exercise Physiology
3	CHEM 3813 Intro to Biochemistry
3	Elective Course
13	Semester Hours
Spring Semester Year 3	
4	PHYS 2033/2031L College Physics II w/Lab
3	KINS 3533 Laboratory Techniques
3	HESC 1213 Nutrition and Health
3	KINS 3353 Mechanics of Human Mvmt
3	†Fine Arts or Humanities
16	Semester Hours
Fall Semester Year 4	
3	PSYC 2013 Statistics
3	KINS 4833 Exercise Application/Special Populations
3	CNED 3053 The Helping Relationship

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<ul style="list-style-type: none"> 3 PSYC 4183 Physiological Psych 3 Media/Computer Course 1 Elective <p>16 Semester Hours</p> <p>Spring Semester Year 4</p> <ul style="list-style-type: none"> 3 KINS 4323 Analytical Basis/Movement 3 KINS 405V Independent Study or 4903 Internship 3 Literature Elective (recommend WLIT I) 4-7 Elective <p>13-16 Semester Hours</p> <p>124 Total Hours</p>
<p>† Core areas must be completed as outlined in the University Core chart below.</p>

<p>Fitness Specialist Concentration</p>
<p>Fall Semester Year 1</p> <ul style="list-style-type: none"> 3 ENGL 1013 Composition I 3 MATH 1203 College Algebra 4 CHEM 1103/1101L University Chemistry I w/Lab 2 HLSC 1002 Wellness Concepts 1 PEAC 1621 Fitness Concepts
<ul style="list-style-type: none"> 4 Elective (highly recommend BIOL 1543/1541L Principles of Biology w/Lab*) <p>17 Semester Hours</p> <p>Spring Semester Year 1</p> <ul style="list-style-type: none"> 3 ENGL 1023 Composition II 3 MATH 1213 Trigonometry 3 †Fine Arts or Humanities 4 CHEM 1123/1121L University Chemistry II w/Lab 3 †Social Science (recommend HIST 1003) <p>16 Semester Hours</p> <p>Fall Semester Year 2</p> <ul style="list-style-type: none"> 3 KINS 2223 Motor Development 3 PSYC 2003 General Psychology 3 KINS 2733 Seminar in Exercise Science 4 BIOL 2443/2241L Human Anatomy w/Lab 3 Elective <p>16 Semester Hours</p> <p>Spring Semester Year 2</p> <ul style="list-style-type: none"> 3 †U.S. History 0-3 ENGL 2003 Advanced Composition (or Exempt) 3 **†Social Science (highly recommend ECON 2143) 4 CHEM 2613/2611L Organic Physiological Chemistry 4 BIOL 2213/2211L Human Physiology w/Lab <p>14-17 Semester Hours</p> <p>Fall Semester Year 3</p> <ul style="list-style-type: none"> 4 PHYS 2013/2011L College Physics I w/Lab 3 KINS 3153 Exercise Physiology 3 PSYC 3023 Abnormal Psychology 3 †Fine Arts or Humanities 3 CNED 3053 The Helping Relationship <p>16 Semester Hours</p>
<p>Spring Semester Year 3</p> <ul style="list-style-type: none"> 3 MKTT 3433 Principles of Marketing 3 KINS 3533 Laboratory Techniques 3 HESC 1213 Nutrition and Health 3 KINS 3353 Mechanics of Human Mvmt 3 COMM 1313 Fundamentals of Communications <p>15 Semester Hours</p> <p>Fall Semester Year 4</p> <ul style="list-style-type: none"> 3 HESC 2203 Nutrition for Exercise and Sport

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- 3 KINS 4833 Exercise Application/Special Populations
- 3 Media/Computer Course
- 3-6 Elective

12-15 Semester Hours

Spring Semester Year 4

- 3 KINS 4323 Analytical Basis/Movement
- 3 KINS 405V Independent Study or 4903 Internship
- 3 KINS 4773 Performance & Drugs
- 3 Literature Elective (recommend WLIT I)
- 3 Elective

15 Semester Hours

124 Total Hours

† Core areas must be completed as outlined in the University Core chart below.

* BIOL 1543/1541L is a prerequisite for BIOL 2443/2441L

** ECON 2143 is a prerequisite for MKTT 3433

Pre-Athletic Training Concentration

Fall Semester Year 1

- 3 ENGL 1013 Composition I
- 4 BIOL 1543/1541L Principles of Biology w/Lab
- 4 CHEM 1103/1101L University Chemistry I w/Lab
- 2 HLSC 1002 Wellness Concepts
- 1 PEAC 1621 Fitness Concepts
- 3 MATH 1203 College Algebra (or higher)

17 Semester Hours

Spring Semester Year 1

- 3 ENGL 1023 Composition II
- 3 MATH 1213 Trigonometry

- 3 †Fine Arts or Humanities
- 3 †U.S. History
- 3 †Social Science (except PSYC 2003)

15 Semester Hours

Fall Semester Year 2

- 0-3 ENGL 2003 Advanced Composition (or Exempt)
- 3 PSYC 2003 General Psychology
- 3 KINS 2733 Seminar in Exercise Science
- 4 BIOL 2443/2441L Human Anatomy w/Lab
- 3 Elective

13-16 Semester Hours

Spring Semester Year 2

- 3 COMM 1313 Fundamentals of Communications
- 3 †Fine Arts or Humanities
- 4 BIOL 2213/2211L Human Physiology w/Lab
- 3 KINS 2393 Prevention & Care/Athletic Injuries
- 3 †Social Science (recommend HIST 1003)

16 Semester Hours

Fall Semester Year 3

- 4 PHYS 2013/2011L College Physics I w/Lab
- 3 KINS 3153 Exercise Physiology
- 3 PSYC 3023 Abnormal Psychology
- 3 HESC 1213 Nutrition and Health
- 3 KINS 3093 Application Techniques in Athletic Injury

16 Semester Hours

Spring Semester Year 3

- 3 KINS 3533 Laboratory Techniques
- 3 KINS 3353 Mechanics of Human Mvmt
- 3 HESC 2203 Nutrition for Exercise and Sport
- 3 CNED 3053 The Helping Relationship

- 3 KINS 2223 Motor Development

15 Semester Hours

Fall Semester Year 4

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- 3 KINS 4833 Exercise Application/Special Populations
- 3 HLSC 3633 First Responder - First Aid
- 3 ETEC 2001/2002L Educational Technology w/Lab
- 2 HLSC 2662 Terminology for the Health Professions
- 3-6 Electives

14-17 Semester Hours

Spring Semester Year 4

- 3 KINS 4323 Analytical Basis/Movement
- 3 KINS 405V Independent Study or 4903 Internship
- 3 KINS 4773 Performance & Drugs
- 3 Literature Elective (recommend WLIT I)
- 3 Elective

15 Semester Hours

124 Total Hours

† Core areas must be completed as outlined in the University Core chart below.

Pre-Professional Concentration

Fall Semester Year 1

- 3 ENGL 1013 Composition I
- 4 CHEM 1103/1101L University Chemistry I w/Lab
- 2 HLSC 1002 Wellness Concepts
- 1 PEAC 1621 Fitness Concepts
- 3 Elective (recommend Math 1203 if needed)
- 4 *Elective (highly recommend BIOL 1543/1541L Principles of Biology w/Lab)

17 Semester Hours

Spring Semester Year 1

- 3 ENGL 1023 Composition II
- 3 MATH 2043 Survey of Calculus
- 3 †Fine Arts or Humanities
- 4 CHEM 1123/1121L University Chemistry II w/Lab
- 3 †Social Science (except PSYC 2003)

16 Semester Hours

Fall Semester Year 2

- 3 COMM 1313 Fundamentals of Communications
- 3 KINS 2733 Seminar in Exercise Science
- 3 KINS 2223 Motor Development
- 4 CHEM 3603/3601L Organic Chemistry I
- 4 BIOL 2443/2241L Human Anatomy w/Lab

17 Semester Hours

Spring Semester Year 2

- 0-3 ENGL 2003 Advanced Composition (or Exempt)
- 3 PSYC 2003 General Psychology
- 3 †U.S. History
- 4 CHEM 3613/3611L Organic Chemistry II
- 4 BIOL 2213/2211L Human Physiology w/Lab

14-17 Semester Hours

Fall Semester Year 3

- 4 PHYS 2013/2011L College Physics I w/Lab
- 3 KINS 3153 Exercise Physiology
- 3 CNED 3053 The Helping Relationship
- 3 CHEM 3813 Intro to Biochemistry

13 Semester Hours

Spring Semester Year 3

- 4 PHYS 2033/2031L College Physics II w/Lab
- 3 KINS 3533 Laboratory Techniques
- 3 HESC 1213 Nutrition and Health
- 3 KINS 3353 Mechanics of Human Mvmt
- 3 Elective

16 Semester Hours

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Fall Semester Year 4	
3	PSYC 2013 Statistics
3	KINS 4833 Exercise Application/Special Populations
3	PSYC 4183 Behavioral Neuroscience
3	†Social Science (recommend HIST 1003)
3	†Fine Arts or Humanities
15 Semester Hours	
Spring Semester Year 4	
3	KINS 4323 Analytical Basis/Movement
3	KINS 405V Independent Study or 4903 Internship
3	Media/Computer Course
3	Literature Elective (recommend WLIT I)
1-4	Electives
13-16 Semester Hours	
124 Total Hours	
† Core areas must be completed as outlined in the University Core chart below.	
* BIOL 1543/1541L is a prerequisite for BIOL 2443/2441L	

Proposed Catalog Copy 2008-2009: See Attached (program would not allow attachment in this area)

Proposed Catalog Copy 2008-2009:

Kinesiology (KINS)

- University Professor Di Brezzo
- Professors Fort, Gorman, Riggs
- Associate Professor Lirgg
- Clinical Associate Professor Kern
- Assistant Professors Calleja, Kluess
- Clinical Assistant Professors Bonacci, Oliver, Smith-Nix
- Instructors Forbess, Mayes

The program in kinesiology is designed to prepare candidates for a variety of career options in the vast field of movement science. Career opportunities may include teaching physical education, coaching, analyzing and prescribing fitness programs, athletic training, or preparation for professional programs in allied health. Graduates of this program should be well prepared to enter graduate programs of study in such areas as pedagogy or adapted physical education, exercise physiology, biomechanics, athletic training, sport management, medical school, physical therapy school, and other allied health professional schools.

The candidate for the Bachelor of Science in Education degree with a major in kinesiology must select one of three concentrations:

- I. P12 Teaching Physical Education/Wellness & Leisure
- II. Exercise Science/Pre-Professional Science
- III. Applied Exercise Science

All students must complete the state minimum core (University Core) requirements as listed on page 40. In addition, all students must take the required general studies for the kinesiology major and the kinesiology core requirements listed below. As part of the University Core requirements, specific math and science courses are required within the kinesiology major and concentrations. A student preparing to teach in the public schools must select the P-12 teaching concentration and must have a grade point average of 2.5 or greater. For additional information on licensure, contact academic advisor. Students interested in obtaining an endorsement in coaching should contact the Coordinator of Teacher Education. Students applying for other post-baccalaureate programs should inquire as to prerequisite requirements. Students majoring in kinesiology with a concentration in exercise science (concentrations II, III.) must earn a grade of "C" or better in KINS 3153, KINS 3353, and KINS 3533, and meet the appropriate concentration requirements. A minimum of 124 semester hours is required for graduation in the major of kinesiology.

Curriculum for a Major in Kinesiology

	HOURS
State Minimum Core (See Catalog of Studies)	35-38
Social Sciences	12
3 hours of the 12 must include PSYC 2003 General Psychology	
Required general studies for the Kinesiology Major	
COMM 1313 Speech	9-10
HLSC 1002 Wellness Concepts (for exercise science/ pre-professional concentration II) or	
HLSC 1103 Personal Health and Safety (for P-12 concentration I & applied exercise science concentration III)	
PEAC 1621 (exercise science concentrations II & III)	
Literature elective	3

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Kinesiology Core	9
KINS 2223 Motor Development	
KINS 3153 Exercise Physiology (for exercise science concentrations II&III) or	
KINS 3163 Exercise Physiology: Theory and Application (forP-12 concentration I)	
KINS 3353 Mechanics of Human Movement	
Concentration I: P-12 Teaching Physical Education/Wellness & Leisure	76-79
BIOL 1543/1541L Principles of Biology (hours counted in the state minimum core)	
BIOL 2443/2441L Human Anatomy (hours counted in the state minimum core)	
PHED 1003 The P.E. Profession: An Overview	
PHED 2002 Teaching and Leading Outdoor Recreation and Experiential Activities	
PHED 2013 Teaching Progressions/Assessments of Basic Skills	
PHED 2023 Teaching Progressions/Assessment of Advanced Skills	
PHED 3001 Practicum	
PHED 3022 Teaching Stunts/Tumbling	
PHED 3032 Teaching Rhythms	
PHED 3043 Teaching Fitness	
PHED 3074 Secondary Physical Education	
PHED 3203 Principles and Problems of Coaching	
PHED 3373 Elementary Physical Education	
PHED 3702 Measurement Concepts in Kinesiology	
PHED 3903 PE for Special Populations	
KINS 3373 Phil/Soci Impact on Kinesiology	
KINS 4413 Org/Man/Mktt Skills for Kinesiology	
HLSC 3633 First Responder-First Aid	
CIED 3033 Classroom Learning Theory	
CNED 4003 Classroom Human Relations Skills	
SENIOR BLOCK OF CLASSES (Internship Semester): Admission to Internship Semester - Must apply and be enrolled in PHED 3001 the semester prior to Senior Block; 2.5 overall CGPA or 2.75 KINS/PHED Teacher Education Classes; Praxis I passed, Signed-up to take the Praxis II content knowledge exam; and acceptable (determined by PHED faculty) portfolio of undergraduate coursework.	
PHED 4023 Class Management	
PHED 407V Physical Education Teaching Internship (9hrs)	
PHED 4263 Professional Issues in Physical Education	
PHED 4731 Senior Seminar	
HEALTH ELECTIVES:	
3-6 hrs. See advisor for suggested coursework in HLSC to prepare for licensure exams; suggest to come from HLSC 2101 classes.	
TOTAL	124

Note: All students seeking licensure in the state of Arkansas are subject to a criminal background check. Forms for this procedure may be obtained at Peabody Hall, Room 117, at the State Department, or any police station, including the campus police. These background checks take up to six months to process; therefore, students are advised to complete and submit the forms to the proper authorities

six months in advance of actually applying for a license. Arkansas will not certify anyone who has been convicted of a felony.

The following four concentrations are in the area of Exercise Science

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BIOL 1543/5441L Principles of Biology (hours counted in the University minimum core)
BIOL 2443/2441L Human Anatomy (hours counted in the University minimum core)
BIOL 2213/2211L Human Physiology (hours counted in the University minimum core)
CHEM 1103/1101L University Chemistry I
CHEM 1123/1121L University Chemistry II
PHYS 2013/2011L College Physics I
PSYC 3023 Abnormal Psychology
HESC 1213 Nutrition in Health
CNED 3053 The Helping Relationship
KINS 2733 Seminar in Exercise Science
KINS 3533 Laboratory Techniques
KINS 405V Independent Study (3 hrs.) or KINS 4903 Internship
KINS 4323 Analytical Basis/Movement
KINS 4833 Exercise Appl/Spec Pops
Media/Computer (3 hrs)

Concentration II: Exercise Science /Pre-Professional Science

Additional requirements 14-15
BIOL 2013/2021L General Microbiology/Lab
PSYC 2013 Intro to Statistics for Psych.or STAT 2303 or SOCI 3303 or adviser-approved statistics course
MATH 2043 Survey of Calculus (hours counted in the state minimum core) or MATH 2554 Calculus I
CHEM 2613/2611L Organic Physiological Chemistry or
CHEM 3603/3601L Organic Chemistry I/Lab
Electives - Select from below or others with advisor approval 11-14
CHEM 3613/CHEM 3611 Organic Chemistry II with Lab
CHEM 3813 Intro to Biochemistry
BIOL 2323/2321L General Genetics/Lab
HLSC 2662 Terminology for the Health Professions
ENGL 3053 Technical & Report Writing
HESC 2203 Nutrition for Exercise and Sport
PSYC 4183 Behavioral Neuroscience

Concentration III: Applied Exercise Science

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Exercise Science Core (see above)	51
Additional requirements	12
MATH1203 College Algebra (hours counted in the state minimum core)	
MATH 1213 Plane Trigonometry	
HLSC 3633 First Responder-First Aid	
KINS 4773 Performance and Drugs	
Electives - Select from below or others with advisor approval	15-18
KINS 2393 Prevention and Care of Athletic Injuries	
HLSC 2662 Terminology for Health Professions	
HESC 2203 Nutrition for Exercise and Sport	
RECR 3873 Sport & Recreation Risk Management	
HLSC 3683 Health Care Consumerism	
HLSC 4603 Appl. of Health Behavior Theories	

Kinesiology Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan in Kinesiology should see page 40 in the Academic Regulations chapter for university requirements of the program. Kinesiology has five concentrations: K-12, Exercise Physiology/Biomechanics, Fitness Specialist, Pre-Athletic Training, and Pre-Professional. The eight semester plan for each is listed below.

P-12 Concentration I

Fall Semester Year 1

- 3 ENGL 1013 Composition I
- 3 †Social Science (except PSYC 2003)
- 4 BIOL 1543/1541L Principles of Biology w/Lab
- 3 HLSC 1103 Personal Health and Safety
- 3 PHED 1003 The P.E. Profession: An Overview

16 Semester Hours

Spring Semester Year 1

- 3 ENGL 1023 Composition II
- 3 MATH 1203 College Algebra (or higher)
- 3 COMM 1313 Fundamentals of Communication
- 3 †U.S. History or American Nat. Government
- 3 PHED 2013 Tch Progress and Assess./Basic Skills

15 Semester Hours

Fall Semester Year 2

- 3 KINS 2223 Motor Development
- 3 PSYC 2003 General Psychology
- 3 Literature Elective
- 3 FA/Humanities
- 4 BIOL 2443/2241L Human Anatomy w/Lab

16 Semester Hours

Spring Semester Year 2

- 3 PHED 3032 Teaching Rhythms
- 3 †Social Science (except PSYC 2003)

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- 3 CIED 3033 Classroom Learning Theory
- 2 PHED 2002 Outdoor Recreation and Exp. Activities
- 3 †Fine Arts or Humanities

17 Semester Hours

Fall Semester Year 3

- 0-3 ENGL 2003 Advanced Composition (or exemption)
- 3 PHED 3373 Elementary Physical Education
- 3 PHED 3903 Physical Education for Special Populations
- 3 CNED 4003 Classroom Human Relationship Skills
- 3 KINS 3163 Ex Phys: Theory & App
- 0-3 †HLSC Elective

15-18 Semester Hours

Spring Semester Year 3

- 4 PHED 3074 Secondary Physical Education (must take with PHED 3702)
- 2 PHED 3702 Measurement in Kinesiology (must take with PHED 3074)
- 3 PHED 3043 Teaching Fitness
- 2 PHED 3022 Teaching Stunts and Tumbling
- 3 KINS 3353 Mechanics of Human Movement
- 1 HLSC Elective

15 Semester Hours

Fall Semester Year 4

- 1 PHED 3001 Practicum
- 3 PHED 3203 Prin. of Coaching
- 3 KINS 4413 Org/Man/Mrkt Skills for the KINS Professional
- 3 HLSC 3633 First Responder — First Aid
- 3 KINS 3633 Phil/Soci Impact of Kinesiology
- 1 HLSC Elective

14 Semester Hours

Spring Semester Year 4

- 3 **PHED 4023 Class Management**
- 9 PHED 407V Physical Education Teaching Internship
- 3 PHED 4263 Professional Issues in Physical Ed.
- 1 PHED 4731 Senior Seminar

16 Semester Hours

124 - 127 Total Hours

† Core areas must be completed as outlined in the chart below.

Pre-Professional Science Concentration II

Fall Semester Year 1

- 3 ENGL 1013 Composition I
- 4 CHEM 1103/1101L University Chemistry I w/Lab
- 2 HLSC 1002 Wellness Concepts
- 1 PEAC 1621 Fitness Concepts
- 3 †Fine Arts or Humanities
- 4 BIOL 1543/1541L Principles of Biology w/Lab)
- 17 Semester Hours

Spring Semester Year 1

- 3 ENGL 1023 Composition II
- 3-4 MATH 2043 Survey of Calculus; Math 2554 Calculus I
- 3 †Fine Arts or Humanities
- 4 CHEM 1123/1121L University Chemistry II w/Lab
- 3 †Social Science (except PSYC 2003)
- 16-17 Semester Hours

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Fall Semester Year 2

3 COMM 1313 Fundamentals of Communications
3 KINS 2733 Seminar in Exercise Science
3 KINS 2223 Motor Development
4 CHEM 2613/2611L Organic Physiological Chemistry or
3603/3601L Organic Chemistry I
4 BIOL 2443/2241L Human Anatomy w/Lab
17 Semester Hours

Spring Semester Year 2

0-3 ENGL 2003 Advanced Composition (or Exempt)
3 PSYC 2003 General Psychology
3 †U.S. History or American National Government
3-4 Approved Elective
4 BIOL 2213/2211L Human Physiology w/Lab
13-17 Semester Hours

Fall Semester Year 3

4 PHYS 2013/2011L College Physics I w/Lab
3 KINS 3153 Exercise Physiology
3 CNED 3053 The Helping Relationship
4 BIOL 2013/2011L General Microbiology/Lab
14 Semester Hours

Spring Semester Year 3

4 PHYS 2033/2031L College Physics II w/Lab
3 KINS 3533 Laboratory Techniques
3 HESC 1213 Nutrition and Health
3 KINS 3353 Mechanics of Human Mvmt
3 Approved Elective
16 Semester Hours

Fall Semester Year 4

3 PSYC 2013 Statistics
3 KINS 4833 Exercise Application/Special Populations
3 Approved Elective
3 †Social Science (recommend HIST 1003)

0-3 Approved Elective

3 Literature Elective (recommend WLIT I)
15-18 Semester Hours

Spring Semester Year 4

3 KINS 4323 Analytical Basis/Movement
3 KINS 405V Independent Study or 4903 Internship
3 Media/Computer Course
3 PSYC Abnormal Psychology
3 Approved Elective
15 Semester Hours
124 Total Hours

† Core areas must be completed as outlined in the University Core chart below.

* BIOL 1543/1541L is a prerequisite for BIOL 2443/2441L

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Applied Exercise Science Concentration III

Fall Semester Year 1

3 ENGL 1013 Composition I
4 CHEM 1103/1101L University Chemistry I w/Lab
3 MATH 1203 College Algebra
3 †Fine Arts or Humanities
4 BIOL 1543/1541L Principles of Biology w/Lab)
17 Semester Hours

Spring Semester Year 1

3 ENGL 1023 Composition II
3 MATH 1213 Plane Trigonometry
3 †Fine Arts or Humanities
4 CHEM 1123/1121L University Chemistry II w/Lab
3 †Social Science (except PSYC 2003)
16 Semester Hours

Fall Semester Year 2

3 COMM 1313 Fundamentals of Communications
3 KINS 2733 Seminar in Exercise Science
3 KINS 2223 Motor Development
3 HLSC 1103 Personal Health and Safety
4 BIOL 2443/2241L Human Anatomy w/Lab
16 Semester Hours

Spring Semester Year 2

0-3 ENGL 2003 Advanced Composition (or Exempt)
3 PSYC 2003 General Psychology
3 †U.S. History or American National Government
3-4 Approved Elective
4 BIOL 2213/2211L Human Physiology w/Lab
13-17 Semester Hours

Fall Semester Year 3

4 PHYS 2013/2011L College Physics I w/Lab
3 KINS 3153 Exercise Physiology
3 CNED 3053 The Helping Relationship
1 PEAC 1621 Fitness Concepts
3-4 Approved Elective
14-15 Semester Hours

Spring Semester Year 3

3 KINS 3533 Laboratory Techniques
3 HESC 1213 Nutrition and Health
3 KINS 3353 Mechanics of Human Mvmt
3 Literature Elective (recommend WLIT I)
3 Approved Elective
15 Semester Hours

Fall Semester Year 4

3 KINS 4903 Internship or KINS 405V Independent Study
3 KINS 4833 Exercise Application/Special Populations
3 PSYC Abnormal Psychology

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<p>3 Approved Elective 3 †Social Science</p>
<p>0-3Approved Elective 15-18 Semester Hours</p> <p>Spring Semester Year 4 3 KINS 4323 Analytical Basis/Movement 3 KINS 4773 Performance and Drugs 3 Media/Computer Course 3 HLSC 3633 First Responder-First Aid 0-3 Approved Elective 12-15 Semester Hours 124 Total Hours</p>
<p>† Core areas must be completed as outlined in the University Core chart below. * BIOL 1543/1541L is a prerequisite for BIOL 2443/2441L</p>
<p>Fall Semester Year 4 3 HESC 2203 Nutrition for Exercise and Sport 3 KINS 4833 Exercise Application/Special Populations 3 Media/Computer Course 3-6 Elective 12-15 Semester Hours</p> <p>Spring Semester Year 4 3 KINS 4323 Analytical Basis/Movement 3 KINS 405V Independent Study or 4903 Internship 3 KINS 4773 Performance & Drugs 3 Literature Elective (recommend WLIT I) 3 Elective 15 Semester Hours 124 Total Hours</p>
<p>† Core areas must be completed as outlined in the University Core chart below. * BIOL 1543/1541L is a prerequisite for BIOL 2443/2441L ** ECON 2143 is a prerequisite for MKTT 3433</p>

SEE PAGE 371 FOR KINESIOLOGY (KINS) COURSES

SECTION VIII: Action Recorded by Registrar's Office

PROGRAM INVENTORY/DARS

PGRM _____ SUBJ _____ CIP _____ CRTS _____
 DGRE _____ PGCT _____ OFFC&CRTY VALID_____

REPORTING CODES

PROG. DEF. _____ REQ. DEF. _____
 Initials _____ Date _____

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Distribution

Notification to:

(1) College
(7) Treasurer

(2) Department
(8) Undergraduate Program Committee

(3) Admissions

(4) Institutional Research

(5) Continuing Education

(6) Graduate School

7/2/07