

Program Change Request

Date Submitted: 09/27/17 2:30 pm

Viewing: **KINSBS-EXSC : Kinesiology Exercise**

Science Concentration

Last approved: 05/25/17 2:39 pm

Last edit: 10/04/17 5:56 pm

Changes proposed by: dittmore

Catalog Pages Using
this Program

[Kinesiology B.S., Exercise Science Concentration](#)

[Kinesiology \(KINS\)](#)

Submitter: User ID: crsleaf1 Phone:
575-6731

Program Status Active

Academic Level Undergraduate

Type of proposal Major/Field of Study

Select a reason for this modification

Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding Focused Study)

Are you adding a concentration?

No ~~Yes~~

Are you adding a track?

No

Are you adding a focused study?

No

Effective Catalog Year Fall 2018

College/School Code

College of Education and Health Professions(EDUC)

In Workflow

1. EDUC Dean Initial
2. Director of Program Assessment and Review
3. Registrar Initial
4. HHPR Chair
5. EDUC Curriculum Committee
6. EDUC Faculty
7. EDUC Dean
8. Global Campus
9. Provost Review
10. University Course and Program Committee
11. Faculty Senate
12. Provost Final
13. Provost's Office-- Notification of Approval
14. Registrar Final
15. Catalog Editor Final

Approval Path

1. 09/26/17 12:06 pm
Ketevan Mamiseishvili (kmamisei):
Rollback to Initiator
2. 09/27/17 3:13 pm
Ketevan Mamiseishvili (kmamisei):
Approved for EDUC

Department Code

Dean Initial

3. 10/04/17 4:52 pm
Alice Griffin
(agriffin): Approved
for Director of
Program
Assessment and
Review
4. 10/04/17 5:56 pm
Lisa Kulczak
(lkulcza): Approved
for Registrar Initial
5. 10/05/17 6:57 am
Matthew Ganio
(msganio):
Approved for HHPR
Chair
6. 11/01/17 3:38 pm
Ketevan
Mamiseishvili
(kmamisei):
Approved for EDUC
Curriculum
Committee
7. 11/01/17 3:59 pm
Ketevan
Mamiseishvili
(kmamisei):
Approved for EDUC
Faculty
8. 11/01/17 4:02 pm
Ketevan
Mamiseishvili
(kmamisei):
Approved for EDUC
Dean
9. 11/01/17 4:47 pm
Kiersten Bible
(kbible): Approved
for Global Campus

10. 11/01/17 4:58 pm
 Terry Martin
 (tmartin): Approved
 for Provost Review

History

1. Aug 15, 2014 by
 Leepfrog
 Administrator
 (clhelp)
2. Apr 21, 2015 by
 Susan Mayes
 (smayes)
3. Jun 10, 2015 by
 Charlie Alison
 (calison)
4. May 27, 2016 by
 Charlie Alison
 (calison)
5. May 25, 2017 by
 Karen Turner
 (kjvestal)

Department of Health, Human Performance and Recreation(HHPR)

Program Code KINSBS-EXSC

Degree Bachelor of Science

CIP Code
 31.0501 - Health and Physical Education/Fitness, General.

Program Title
 Kinesiology Exercise Science Concentration

Program Delivery
 Method
 On Campus

Is this program interdisciplinary?

Yes

College(s)/School(s)

College/School Name

College/School Name

Fulbright College of Arts and Sciences(ARSC)

Does this proposal impact any courses from another College/School?

No

What are the total **120**
hours needed to
complete the
program?

Program Requirements and Description

Requirements

Kinesiology Concentration II – Exercise Science (KINSBS-EXSC)

| | |
|---|----|
| University Core (State Minimum Core) | 35 |
| <u>MATH 1203</u> College Algebra (ACTS Equivalency = MATH 1103) (Sp, Su, Fa) | |
| <u>BIOL 1543</u> Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) (Sp, Su, Fa) | |
| & <u>BIOL 1541L</u> and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Sp, Su, Fa) | |
| <u>CHEM 1103</u> University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) (Su, Fa) | |
| & <u>CHEM 1101L</u> and University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab) (Sp, Su, Fa) | |
| or <u>CHEM 1203</u> Chemistry for Majors I (Fa) | |
| & <u>CHEM 1201L</u> and Chemistry for Majors I Laboratory (Fa) | |
| <u>PSYC 2003</u> General Psychology (ACTS Equivalency = PSYC 1103) (Sp, Su, Fa) | |
| Additional Required Sciences | 20 |
| <u>BIOL 2443</u> Human Anatomy (ACTS Equivalency = BIOL 2404 Lecture) (Sp, Su, Fa) | |
| & <u>BIOL 2441L</u> and Human Anatomy Laboratory (ACTS Equivalency = BIOL 2404 Lab) (Sp, Su, Fa) | |
| <u>BIOL 2213</u> Human Physiology (ACTS Equivalency = BIOL 2414 Lecture) (Sp, Fa) | |
| & <u>BIOL 2211L</u> and Human Physiology Laboratory (ACTS Equivalency = BIOL 2414 Lab) (Sp, Fa) | |
| <u>CHEM 1123</u> University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) (Sp, Su, Fa) | |
| & <u>CHEM 1121L</u> and University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab) | |

(Sp, Su, Fa)

or [CHEM 1223](#) Chemistry for Majors II (Sp)& [CHEM 1221L](#) and Chemistry for Majors II Laboratory (Sp)[CHEM 2613](#) Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture) (Sp, Su,
& [CHEM 2611L](#)Fa)and Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM
1224 Lab) (Sp, Su, Fa)or [CHEM 3603](#) Organic Chemistry I (Su, Fa)& [CHEM 3601L](#) and Organic Chemistry I Laboratory (Su, Fa)[PHYS 2013](#) College Physics I (ACTS Equivalency = PHYS 2014 Lecture) (Su, Fa)& [PHYS 2011L](#) and College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) (Su, Fa)

Additional Non-EXSC Requirements

21-22

[MATH 1213](#) Plane Trigonometry (ACTS Equivalency = MATH 1203) (Sp, Su, Fa)or [MATH 1284C](#) Precalculus Mathematics (ACTS Equivalency = MATH 1305) (Sp, Su, Fa)or [MATH 2554](#) Calculus I (ACTS Equivalency = MATH 2405) (Sp, Su, Fa)[NUTR 1213](#) Fundamentals of Nutrition (Sp, Fa)[COMM 1313](#) Public Speaking (ACTS Equivalency = SPCH 1003) (Sp, Su, Fa)

Three Hours Literature Elective

[STAT 2303](#) Principles of Statistics (ACTS Equivalency = MATH 2103) (Sp, Su, Fa)or [PSYC 2013](#) Introduction to Statistics for Psychologists (Sp, Su, Fa)or [SOCI 3303](#) Social Data and Analysis (Sp, Fa)[PBHL 2663](#) Terminology for the Health Professions (Sp)[PSYC 3023](#) Abnormal Psychology (Sp, Fa)

Exercise Science Core Required

24

[EXSC 2733](#) Introduction to Exercise Science (Sp, Fa)[EXSC 3153](#) Exercise Physiology (Sp, Su, Fa) 2or [EXSC 3153H](#) Honors Exercise Physiology (Sp, Su, Fa)[EXSC 3353](#) Mechanics of Human Movement (Sp, Su, Fa) 2or [EXSC 3353H](#) Honors Mechanics of Human Movement (Sp, Su, Fa)[EXSC 3533](#) Laboratory Techniques (Sp, Su, Fa) 2or [EXSC 3533H](#) Honors Lab Techniques (Sp, Su, Fa)[EXSC 4323](#) Exercise Prescription (Sp, Su, Fa)[EXSC 4773](#) Performance and Drugs (Sp, Fa)[EXSC 4833](#) Exercise Applications for Special Populations (Sp, Su, Fa)or [EXSC 4833H](#) Honors Exercise Applications for Special Populations (Sp, Su, Fa)[EXSC 4903](#) Internship in Exercise Science (Sp, Su, Fa) 1or [KINS 405V](#) Independent Study (Sp, Su, Fa)or [KINS 498VH](#) Kinesiology Honors Thesis/Project (Sp, Su, Fa)~~Related Electives chosen from the following~~~~15~~

Related Electives chosen from the following 3

20-19

EXSC 3013**Course EXSC 3013 Not Found**EXSC 2393

Prevention and Care of Athletic Injuries (Irregular)

EXSC 3423

Principles and Theories of Strength and Conditioning (Sp)

EXSC 3723

Research Methods in Exercise Science (Sp)

or EXSC 3723H

Honors Research Methods in Exercise Science (Sp)

EXSC 4013**Course EXSC 4013 Not Found**EXSC 4353

Advanced Mechanics of Human Movement (Irregular)

or EXSC 4353H

Honors Advanced Mechanics of Human Movement (Irregular)

EXSC 4643

Psychology of Sports Injury and Rehabilitation (Irregular)

EXSC 4783

Sport and Exercise Psychology (Fa)

KINS 3223

Motor Development (Sp, Su, Fa)

KINS 3901H

Kinesiology Honors Thesis Tutorial (Sp, Su, Fa)

PBHL 4603

Health Behavior: Theories and Application (Fa)

PBHL 4613

Principles of Epidemiology (Fa)

MATH 2053

Finite Mathematics (Sp, Su, Fa)

or MATH 2053C

Finite Mathematics (Sp, Fa)

ENGL 3053

Technical and Report Writing (ACTS Equivalency = ENGL 2023) (Sp, Fa)

BIOL 2013

General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) (Sp, Su, Fa)

& BIOL 2011L

and General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) (Sp, Su, Fa)

BIOL 2323

General Genetics (Sp, Fa)

BIOL 2321L

General Genetics Laboratory (Sp, Fa)

BIOL 2533

Cell Biology (Sp, Fa)

BIOL 2531L

Cell Biology Laboratory (Sp, Fa)

BIOL 4793

Introduction to Neurobiology (Sp)

CHEM 3613

Organic Chemistry II (Sp, Su)

& CHEM 3611L

and Organic Chemistry II Laboratory (Sp, Su)

CHEM 3813

Elements of Biochemistry (Sp, Su, Fa)

PSYC 3093**Developmental Psychology (ACTS Equivalency = PSYC 2103) (Sp, Fa)**PHYS 2033

College Physics II (ACTS Equivalency = PHYS 2024 Lecture) (Sp, Su)

& PHYS 2031L

and College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab) (Su)

or PHYS 2074

University Physics II (ACTS Equivalency = PHYS 2044 Lecture) (Sp, Su, Fa)

General Electives**5-4**

Total Hours

120

1 KINS 498VH option available only if completing Honors Program

2 Course requires C or better for degree award

3 Students must have 40 hours of 3000/4000-level classes to graduate.

8-Semester Plan

Kinesiology B.S., Exercise Science Concentration (KINSBS-EXSC)**Eight-Semester Degree Program**

Students wishing to follow the eight-semester degree plan in Kinesiology should see the [Eight-Semester Degree Policy](#) for university requirements of the program.

| First Year | Units |
|--|------------|
| | FallSpring |
| ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Sp, Su, Fa) | 3 |
| CHEM 1103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) (Su, Fa) | 4 |
| & CHEM 1101L University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab) (Sp, Su, Fa) or CHEM 1203 and CHEM 1201L | |
| MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (Sp, Su, Fa) | 3 |
| Fine Arts or Humanities ¹ | 3 |
| BIOL 1543 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) (Sp, Su, Fa) | 4 |
| & BIOL 1541L Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Sp, Su, Fa) ^{1,2} | |
| ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa) | 3 |
| MATH 1213 Plane Trigonometry (ACTS Equivalency = MATH 1203) (Sp, Su, Fa) | 3-4 |
| or MATH 1284C Precalculus Mathematics (ACTS Equivalency = MATH 1305) (Sp, Su, Fa) | |
| or MATH 2554 Calculus I (ACTS Equivalency = MATH 2405) (Sp, Su, Fa) | |
| Fine Arts or Humanities ¹ | 3 |
| CHEM 1123 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) (Sp, Su, Fa) | 4 |
| & CHEM 1121L University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab) (Sp, Su, Fa) or CHEM 1223 and CHEM 1221L | |
| COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003) (Sp, Su, Fa) | 3 |
| Year Total: | 17 16-17 |

| Second Year | Units |
|--|------------|
| | FallSpring |
| EXSC 2733 Introduction to Exercise Science (Sp, Fa) | 3 |
| NUTR 1213 Fundamentals of Nutrition (Sp, Fa) | 3 |
| HIST 2003 History of the American People to 1877 (ACTS Equivalency = HIST 2113) (Sp, Su, Fa) | 3 |
| or HIST 2013 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) (Sp, Su, Fa) | |
| or PLSC 2003 American National Government (ACTS Equivalency = PLSC 2003) (Sp, Su, Fa) | |
| PBHL 2663 Terminology for the Health Professions (Sp) | 3 |
| BIOL 2443 Human Anatomy (ACTS Equivalency = BIOL 2404 Lecture) (Sp, Su, Fa) | 4 |
| & BIOL 2441L Human Anatomy Laboratory (ACTS Equivalency = BIOL 2404 Lab) (Sp, Su, Fa) | |
| EXSC 2003 C... | |

Are Similar Programs available in the area?

No

Estimated Student 750

Demand for Program

Scheduled Program 2017

Review Date

Program Goals and

Objectives

Program Goals and Objectives

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.

Learning Outcomes

Learning Outcomes

Graduates of this program should be well prepared to enter graduate programs of study in such areas as exercise physiology, biomechanics, athletic training, sport management, medical school, physical therapy school, and other allied health professional schools.

Description and justification of the request

| Description of specific change | Justification for this change |
|--|--|
| <p>Increased number of 3000- and 4000-level courses required under Related Electives. Added two more 3000 and 4000 level courses as options under Related Electives.</p> | <p>Meet state requirements. Increased options for students to meet the state requirements (40 hours of 3000 and 4000 level courses).</p> |

Upload attachments

Reviewer Comments

Ketevan Mamiseishvili (kmamisei) (09/26/17 12:06 pm): Rollback: Should all related electives be at the 3000 and 4000 level? The way the note reads, it looks like all related electives must be upper level courses. If that's the case, we should remove all 2000 level courses from the related electives listing as possible options.

Lisa Kulczak (lkulcza) (10/04/17 5:56 pm): Removed indication that a change is being proposed to the concentration itself--while electives are being adjusted, the concentration itself remains the same.

