

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)					
Department Code	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)	<table border="1"> <thead> <tr> <th>College/School Name</th> </tr> </thead> <tbody> <tr> <td>Fulbright College of Arts and Sciences(ARSC)</td> </tr> </tbody> </table>				College/School Name	Fulbright College of Arts and Sciences(ARSC)
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 hours needed to complete the program?	120					

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 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

Program Requirements and Description

Requirements

Kinesiology Concentration II – Exercise Science (KINSBS-EXSC)

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
11. 11/20/17 2:53 pm
Alice Griffin
(agriffin): Approved
for University
Course and Program
Committee

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
(kvestal)

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)

CHEM 1123	University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) (Sp, Su, Fa)
& CHEM 1121L	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, Fa)
& CHEM 2611L	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) 2
or EXSC 3153H	Honors Exercise Physiology (Sp, Su, Fa)
EXSC 3353	Mechanics of Human Movement (Sp, Su, Fa) 2
or EXSC 3353H	Honors Mechanics of Human Movement (Sp, Su, Fa)
EXSC 3533	Laboratory Techniques (Sp, Su, Fa) 2
or 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) 1
or 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)	
PSYC 2003 General Psychology (ACTS Equivalency = PSYC 1103) (Sp, Su, Fa)	3
STAT 2303 Principles of Statistics (ACTS Equivalency = MATH 2103) (Sp, Su, Fa)	3
or PSYC 2013 Introduction to Statistics for Psychologists (Sp, Su, Fa)	
or SOCI 3303 Social Data and Analysis (Sp, Fa)	
BIOL 2213 Human Physiology (ACTS Equivalency = BIOL 2414 Lecture) (Sp, Fa)	4
& BIOL 2211L Human Physiology Laboratory (ACTS Equivalency = BIOL 2414 Lab) (Sp, Fa)	
General Elective	2
Social Science ¹	3
Year Total:	16 15
Third Year	Units
	FallSpring

PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) (Su, Fa)	4
& PHYS 2011L College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) (Su, Fa)	
EXSC 3153 Exercise Physiology (Sp, Su, Fa)	3
or EXSC 3153H Honors Exercise Physiology (Sp, Su, Fa)	
EXSC 3353 Mechanics of Human Movement (Sp, Su, Fa)	3
or EXSC 3353H Honors Mechanics of Human Movement (Sp, Su, Fa)	
Literature Elective	3
Related Elective4	3
EXSC 3533 Laboratory Techniques (Sp, Su, Fa)EXSC 3533H	3
CHEM 2613 Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture) (Sp, Su, Fa)	4
& CHEM 2611L Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab) (Sp, Su, Fa)	
or CHEM 3603 and CHEM 3601L	
Related Elective 4	3
Related Elective 4	3
PSYC 3023 Abnormal Psychology (Sp, Fa)	3
Year Total:	16 16
Fourth Year	
	Units
	FallSpring
EXSC 4323 Exercise Prescription (Sp, Su, Fa)	3
EXSC 4833 Exercise Applications for Special Populations (Sp, Su, Fa)	3
or EXSC 4833H Honors Exercise Applications for Special Populations (Sp, Su, Fa)	
Social Science 1	3
Related Electives4	3
EXSC 4903 Internship in Exercise Science (Sp, Su, Fa)	3
or KINS 405V Independent Study (Sp, Su, Fa)	
or KINS 405VH Honors Independent Study (Sp, Su, Fa)	
or KINS 498VH Kinesiology Honors Thesis/Project (Sp, Su, Fa)	
EXSC 4773 Performance and Drugs (Sp, Fa)	3
General Elective	3-2
Related Elective4	3
Year Total:	12 12-11
Total Units in Sequence:	120
1 Core areas must be completed as outlined in University Core .	
2 BIOL 1543/BIOL 1541L is a prerequisite for BIOL 2443/BIOL 2441L .	
3 Use of KINS 498VH only for students completing the College of Education and Health Professions Honors Program.	
4 Students must have 40 hours of 3000/4000-level classes to graduate.	

No	Are Similar Programs available in the area?
Estimated Student Demand for Program	750
Scheduled Program Review Date	2017
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
Increased number of 3000- and 4000-level courses required under Related Electives.	Meet state requirements. Increased options for students to meet the state requirements (40 hours of 3000 and 4000 level courses).

Description of specific change	Justification for this change
Added two more 3000 and 4000 level courses as options under Related Electives.	

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.

Key: 185