

BS in Kinesiology

Kinesiology is the science of human movement and physical activity. Kinesiology majors study how people learn new motor skills, the effects of exercise on the physiology and biomechanics of the human body, how to best treat and rehabilitate sports injuries, and much more. Kinesiology is part of the fastest growing body of professions in the nation, with Bureau of Labor Statistics estimating future growth in related positions at nearly three times the national average for all occupations combined. Classes in the Department of Kinesiology prepare students for certifications as Strength and Conditioning Specialists, Personal Trainers, Health Fitness Instructors, Exercise Specialists, Clinical Exercise Physiologists, and for graduate programs in Kinesiology, Physical and Occupational Therapy, medical school and many others. Students at the undergraduate level can select from three concentrations focused on teaching physical education, clinical exercise physiology, and human fitness and performance.

Marketable Skills

1. Students will gain the knowledge and analytical thinking skills of the physiological, mechanical, and structural functioning, and manners of how to improve function of the human body in relation to physical activity and exercise.
2. Students will be able to effectively use instrumentation for training and measurement of selected physical functions.
3. Students will be able to develop programs designed to improve physiological, mechanical, and structural functions.
4. Students will be able to function skillfully as a teacher of physical education.

Learning Outcomes

1. Effectively identify peer-reviewed articles relevant to a specific issue, accurately interpret the results and conclusions, and relate them to our current understanding of that issue.
2. Accurately describe chronic diseases and disabilities, disease progressions, treatments, and adaptations resulting from exercise.
3. Properly conduct and evaluate appropriate health risk appraisals and physical performance assessments for diverse populations with various health conditions.
4. Apply established scientific principles to develop an appropriate, safe, and effective exercise prescription based on the data and evaluation of the health risk appraisals and physical performance assessments.
5. Display a firm understanding of the importance and value of ethical and professional standards of practice and apply them when working with individuals.
6. Demonstrate knowledge and skills equivalent to what is required to pass the ACSM-CCEP, and/or ACSM-EIM Level 1 and 2 certification and credentialing exams.

The Bachelor of Science in Kinesiology requires:

1. Completion of the general University core,
2. Program prerequisites,
3. Kinesiology core,
4. Kinesiology Professional Courses,
5. Free elective or minor courses.

Students wishing to obtain a teaching certificate must select the Physical Education Teacher Education Concentration and the Education Minor. The Clinical Exercise Science and the Human Fitness and Performance concentrations are the appropriate concentrations for students interested in careers in the fitness industry or in graduate study in Exercise Science, Physical Therapy or similar fields.

Students who participate in internships with agencies or school districts requiring background checks must successfully pass the background check in order to complete the internship requirements. See <http://utep.edu/chs/compliance/> for more information.

Students who already have a bachelor's degree in another field and who wish to pursue a teaching certificate to teach physical education, should examine the College of Education section of this catalog. Students desiring to pursue a Master of Science in Kinesiology should consult the Graduate Catalog (<http://catalog.utep.edu/grad/>).

Preparing for Graduate School

Kinesiology majors who are interested in pursuing masters or doctoral degrees (for example, programs in Physical Therapy, Occupational Therapy, Public Health, Medical School, etc.) are advised to select either the Clinical Exercise Science or Human Fitness and Performance concentration. Students may complete the prerequisite courses for admission to graduate programs as part of their 15 elective credits in the degree plan.

Prerequisites for graduate programs at other universities may differ from those at UTEP. For specific prerequisites to admission into graduate programs at UTEP, see the UTEP Graduate Catalog (<http://catalog.utep.edu/grad/>).

Core and Program Prerequisite Courses to Enhance Student Success

Students are encouraged to successfully complete the recommended Core Curriculum and a majority of Program Prerequisite courses before taking any Kinesiology courses. *Student may select other core courses than the recommended core courses from each of the component area menus in the university core*, but the recommended courses provide optimum preparation for the major. Students must complete the required core courses, and the required Program Prerequisite Courses.

Prior to enrolling in KIN 3303, a Kinesiology major must successfully complete the following core and program prerequisite courses with a C or better:

- RWS 1301 or ENGL 1311 or ESOL 1311
- RWS 1302 or ENGL 1312 or ENGL 1313 or ESOL 1312
- MATH 1320 or MATH 1508 or MATH 1411
- BIOL 1305 and BIOL 1107
- BIOL 2311 and BIOL 2111

Fast Track

The Fast-Track Program (<http://catalog.utep.edu/admissions/undergraduate/fast-track/#text>) enables outstanding undergraduate UTEP students to receive both undergraduate and graduate credit for up to 15 hours of UTEP course work as determined by participating Master's and Doctoral programs.

Not all undergraduate programs have elected to participate in the Fast Track option, so students should see their departmental graduate advisor for information about requirements and guidelines. A list of courses that have been approved for possible use at the graduate level is found here (<http://catalog.utep.edu/admissions/undergraduate/fast-track/#fasttrackcoursestext>).

Degree Plan

Concentration in Physical Education Teacher Education

Code	Title	Hours
University Core Curriculum		42
Complete the University Core Curriculum requirements. (p. 5)		
Designated Core		
All courses below are required:		
BIOL 1305 & BIOL 1107	General Biology and Topics in Study of Life I ^C	
BIOL 2311 & BIOL 2111	Human Anat/Physiology I and Human Anat/Physio Lab I ^C	
MATH 1320 or MATH 1411 or MATH 1508 or MATH 1310	Math for Social Sciences I ^C Calculus I Precalculus Trigonometry and Conics	
The courses below are recommended:		
COMM 1301	Public Speaking ^C	
DANC 1304	Dance Appreciation ^C	
EDU 1342	Action Research in Classrooms ^C	
PHIL 2306	Ethics ^C	
UNIV 1301	Seminar/Critical Inquiry ^C	
GPA for Certification		
This degree plan prepares students for teacher certification in the State of Texas. Although a 2.0 GPA is required to earn a degree from UTEP, the State Board for Educator Certification (SBEC) requires a 2.75 GPA to become certified to teach in the State of Texas. For additional information, please contact your advisor.		
Background Check Required		
A complete background check is required of all students who wish to receive teacher certification in the State of Texas. Students will be required to pass a background check before certification will be conferred by the State Board of Educator Certification (SBEC).		
Kinesiology Prerequisites		
(All courses require a grade of C or better):		
BIOL 2113	Human Anat/Physio Lab II ^C	1
BIOL 2313	Human Anat/Physiology II ^C	3
HSCI 2302	Fundamentals of Nutrition ^C	3
PHYS 1403	General Physics I ^C	4

PSYC 1303	Statistical Methods ^C	3
Kinesiology Core		
KIN 3303	Hist,Socio,Phil of Sport & PA ^C	3
KIN 3313	Assessment and Evaluation	3
KIN 3331	Anatomical Kinesiology	3
KIN 3332	Motor Behavior	3
KIN 4312	Exercise Physiology	3
KIN 4313	Biomechanics	3
Physical Education Professional Courses		
CPR and First Aid Certificate on file prior to enrolling in KIN 3315		
KIN 3217	Fundamental Movement Skills	2
KIN 3219	Individual Games and Sports	2
KIN 3221	Team Games and Sports	2
KIN 3223	Lifetime Physical Activities	2
KIN 3315	Princip of Teaching & Lead PE ^C	3
KIN 3333	Motor Development	3
KIN 4314	Special Pop: Charac/Motor Beh	3
KIN 4319	Teaching Elem. School Phy. Ed.	3
KIN 4321	Adv Lead & Teach Sec School PE	3
KIN 4330	Exercise Prescription & Prog	3
Education Minor		
BED 4317	Tch & Empwr ELLs in Sec Schls	3
EDPC 3300	Intro to Youth Dev & Spec Ed	3
RED 3342	Content Area Literacy	3
SCED 3311	Curriculum Plan-Secondary Schl	3
TED 4698	Student Teach: All-Levels PE	6
TOTAL HOURS		120

C Course requires a grade of "C" or better

Concentration in Clinical Exercise Science (CLEC)

Code	Title	Hours
University Core Curriculum		42
Complete the University Core Curriculum requirements. (p. 5)		
Designated Core		
All courses listed below are required:		
BIOL 1305 & BIOL 1107	General Biology and Topics in Study of Life I ^C	
BIOL 2311 & BIOL 2111	Human Anat/Physiology I and Human Anat/Physio Lab I ^C	
MATH 1320 or MATH 1411 or MATH 1508 or MATH 1310	Math for Social Sciences I (MATH 1508 is preferred) ^C Calculus I Precalculus Trigonometry and Conics	
The courses listed below are recommended:		
COMM 1301	Public Speaking ^C	
DANC 1304	Dance Appreciation ^C	
PHIL 2306	Ethics ^C	
PSYC 1301	Introduction to Psychology ^C	
UNIV 1301	Seminar/Critical Inquiry ^C	
Kinesiology Prerequisites		
(All courses require a grade of C or better):		
BIOL 2113	Human Anat/Physio Lab II ^C	1

BIOL 2313	Human Anat/Physiology II ^C	3
CHEM 1305 & CHEM 1105	General Chemistry and Laboratory for CHEM 1305 ^C	4
or		
CHEM 1307 & CHEM 1107	Intro to General Chemistry and Intro General Chemistry Lab ^C	
CHEM 1306 & CHEM 1106	General Chemistry and Laboratory for CHEM 1306 ^C	4
or		
CHEM 1308 & CHEM 1108	Intro Organic & Biochemistry and Intro Organic & Biochem Lab ^C	
HSCI 2302	Fundamentals of Nutrition ^C	3
PHYS 1403	General Physics I ^C	4
PSYC 1303	Statistical Methods ^C	3
Kinesiology Core		
KIN 3303	Hist,Socio,Phil of Sport & PA ^C	3
KIN 3313	Assessment and Evaluation	3
KIN 3331	Anatomical Kinesiology	3
KIN 3332	Motor Behavior	3
KIN 4312	Exercise Physiology	3
KIN 4313	Biomechanics	3
Clinical Exercise Science Professional Courses		
Required Courses:		
KIN 3325	Research Methods in Kin	3
KIN 3327	Health Risk Appraisal	3
KIN 4314	Special Pop: Charac/Motor Beh	3
KIN 4330	Exercise Prescription & Prog	3
KIN 4331	Clinical Exercise Physiology	3
KIN 4334	Coronary Intervention Programs	3
Electives		
Select 18 hours of electives. These can include coursework toward a minor or electives at any level from any discipline (including additional KIN coursework).		18
TOTAL HOURS		120

^C Course requires a grade of "C" or better

Concentration in Human Fitness, Performance, and Strength & Conditioning

Code	Title	Hours
University Core Curriculum		42
Complete the University Core Curriculum requirements. (p. 5)		
Designated Core		
All courses listed are required:		
BIOL 1305 & BIOL 1107	General Biology and Topics in Study of Life I ^C	
BIOL 2311 & BIOL 2111	Human Anat/Physiology I and Human Anat/Physio Lab I ^C	
MATH 1320	Math for Social Sciences I (MATH 1508 is preferred) ^C	
or MATH 1411	Calculus I	
or MATH 1508	Precalculus	
or MATH 1310	Trigonometry and Conics	
The courses below are recommended:		
COMM 1301	Public Speaking ^C	
DANC 1304	Dance Appreciation ^C	
PHIL 2306	Ethics ^C	

PSYC 1301	Introduction to Psychology ^C	
UNIV 1301	Seminar/Critical Inquiry ^C	
Kinesiology Prerequisites		
(All courses require a grade of C or better):		
BIOL 2113	Human Anat/Physio Lab II ^C	1
BIOL 2313	Human Anat/Physiology II ^C	3
CHEM 1305 & CHEM 1105	General Chemistry and Laboratory for CHEM 1305 ^C	4
or		
CHEM 1307 & CHEM 1107	Intro to General Chemistry and Intro General Chemistry Lab ^C	4
CHEM 1306 & CHEM 1106	General Chemistry and Laboratory for CHEM 1306 ^C	4
or		
CHEM 1308 & CHEM 1108	Intro Organic & Biochemistry and Intro Organic & Biochem Lab ^C	4
HSCI 2302	Fundamentals of Nutrition ^C	3
PHYS 1403	General Physics I ^C	4
PSYC 1303	Statistical Methods ^C	3
Kinesiology Core		
KIN 3303	Hist,Socio,Phil of Sport & PA ^C	3
KIN 3313	Assessment and Evaluation	3
KIN 3331	Anatomical Kinesiology	3
KIN 3332	Motor Behavior	3
KIN 4312	Exercise Physiology	3
KIN 4313	Biomechanics	3
Human Fitness, Performance, and Strength & Conditioning Professional Courses		
HSCI 3322	Sports Nutrition	3
KIN 4301	Personal Training	3
KIN 4317	Sport Psychology	3
KIN 4341	Pract Appl of Strength/Condit	3
KIN 4351	Intern Hum Fit, Perf, Stre Con	3
KIN 4440	Sci. Princpls-Strength/Tr/Con	4
KIN 4442	Geriatric Fitness Programming	4
KIN 4445	Strength/Cond Prog Design	4
Electives		9
Select 9 hours of electives. These can include coursework toward a minor or electives at any level from any discipline (including additional KIN coursework).		
*Clinical Compliance and KIN 4350 and KIN 4351 Internships: Clinical Compliance, which can include a background check, may be required of students who wish to complete an internship depending on the internship site.		
TOTAL HOURS		120

C

Course requires a grade of "C" or better

University Core Curriculum

The department may make specific suggestions for courses which are most applicable towards your major.

All courses require a C or better

I. Communication (six hours)

Code	Title	Hours
The objective of the communication component is to enable the student to communicate effectively in clear and correct prose or orally in a style appropriate to the subject, occasion, and audience.		
Select six hours of the following:		6

For students whose secondary education was in English:

COMM 1611	Written and Oral Communication
ENGL 1313	Writing About Literature
RWS 1301	Rhetoric & Composition I
RWS 1302	Rhetoric & Composition 2
RWS 1601	Rhetoric, Composition & Comm

For students whose secondary education was not in English:

ESOL 1311	Expos Engl Compos-Spkr Esl
ESOL 1312	Res & Crit Writng Spkr Esl

Total Hours **6**

II. American History (six hours)

Code	Title	Hours
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The objectives of the history component are to expand students' knowledge of the origin and history of the U.S., their comprehension of the past and current role of the U.S. in the world, and their ability to critically evaluate and analyze historical evidence. U.S. history courses (three hours must be Texas history) include:

HIST 1301	History of U.S. to 1865	3
HIST 1302	History of U.S. Since 1865	3

Total Hours **6**

III. Language, Philosophy & Culture (three hours)

Code	Title	Hours
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The objective of the humanities component is to expand students' knowledge of the human condition and human cultures, especially in relation to behaviors, ideas, and values expressed in works of human imagination and thought. Through study in disciplines such as literature and philosophy, students engage in critical analysis and develop an appreciation of the humanities as fundamental to the health and survival of any society.

Select one of the following: 3

AFST 2300	Intro-African Amer Studies
CHIC 2302	Latina/o Presence in the U.S.
ENGL 2311	English Literature
ENGL 2312	English Literature
ENGL 2313	Intro to American Fiction
ENGL 2314	Intro to American Drama
ENGL 2318	Intro to American Poetry
FREN 2322	Making of the "Other" Americas
HIST 2301	World History to 1500
HIST 2302	World History Since 1500
PHIL 1301	Introduction to Philosophy
PHIL 2306	Ethics
RS 1301	Introduct to Religious Studies
SPAN 2340	Seeing & Naming: Conversations
WS 2300	Introduction to Womens Studies
WS 2350	Global Feminisms

Total Hours **3**

IV. Mathematics (three hours)

Code	Title	Hours
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The objective of the mathematics component is to develop a quantitatively literate college graduate. Every college graduate should be able to apply basic mathematical tools in the solution of real-world problems.

Select one of the following: 3

MATH 1309	College Algebra
MATH 1310	Trigonometry and Conics
MATH 1319	Math in the Modern World

MATH 1320	Math for Social Sciences I
MATH 1411	Calculus I
MATH 1508	Precalculus ^{1,2}
MATH 2301	Math for Social Sciences II
STAT 1380	Statistical Literacy
STAT 2480	Elementary Statistical Methods

1 A higher-level course in the calculus sequence can be substituted.

2 TCCN MATH 1314 will also satisfy this requirement.

Total Hours

3

V. Life & Physical Sciences (six hours)

Code	Title	Hours
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The objective of the study of the natural sciences is to enable the student to understand, construct, and evaluate relationships in the natural sciences, and to enable the student to understand the bases for building and testing theories. The courses listed are for non-majors; the major courses in the discipline can be substituted for the non-major sequence. A minimum of two semesters of lecture and one semester of laboratory associated with one of the courses, or two semesters of combined (3 credit) lecture-laboratory courses (Only six hours apply toward the required 42.):

Select one of the following:

1-4

ASTR 1107	Astronomy Lab I
ASTR 1307	Elem Astronomy-Solar System
ASTR 1308	Elem Astr Stars & Galaxies
BIOL 1103	Introductory Biology Lab
BIOL 1104	Human Biology Laboratory
BIOL 1107	Topics in Study of Life I
BIOL 1108	Organismal Biology Laboratory
BIOL 1203	Introductory Biology
BIOL 1304	Human Biology
BIOL 1305	General Biology
BIOL 1306	Organismal Biology
BIOL 2111	Human Anat/Physio Lab I
BIOL 2113	Human Anat/Physio Lab II
BIOL 2311	Human Anat/Physiology I
BIOL 2313	Human Anat/Physiology II
CHEM 1105	Laboratory for CHEM 1305
CHEM 1106	Laboratory for CHEM 1306
CHEM 1107	Intro General Chemistry Lab
CHEM 1108	Intro Organic & Biochem Lab
CHEM 1305	General Chemistry
CHEM 1306	General Chemistry
CHEM 1307	Intro to General Chemistry
CHEM 1308	Intro Organic & Biochemistry
ESCI 1101	Environmental Sci. Lab
ESCI 1102	Non-major Lab for ESCI 1301
ESCI 1202	Intro to Environment Science 2
ESCI 1301	Intro to Environmental Sci
GEOG 1106	Laboratory for GEOG 1306
GEOG 1306	Physical Geography
GEOL 1103	Lab for GEOL 1313
GEOL 1104	Lab for GEOL 1314
GEOL 1111	Principles of Earth Sci - Lab
GEOL 1112	Laboratory for Geology 1212
GEOL 1211	Principles of Earth Sciences
GEOL 1212	Principles of Earth Science

GEOL 1230	The Blue Planet	
GEOL 1231	Natural Hazards	
GEOL 1313	Intro to Physical Geology	
GEOL 1314	Intro to Historical Geol	
HSCI 2302	Fundamentals of Nutrition	
HSCI 2303	Wellness Dynamics	
MICR 2330	Microorganisms and Disease	
PHYS 1403	General Physics I	
PHYS 1404	General Physics II	
PHYS 2120	Laboratory for PHYS 2320	
PHYS 2121	Laboratory for PHYS 2321	
PHYS 2320	Introductory Mechanics	
PHYS 2321	Introductory Electromagnetism	
Total Hours		6

VI. Political Science (six hours)

Code	Title	Hours
The objectives of the political science component are to expand students' knowledge of the origin and evolution of the U.S. and Texas political systems, focusing on the growth of political institutions, and on the constitutions of Texas and the United States; and to enhance their understanding of federalism, states rights, and individual civil liberties, rights, and responsibilities.		
Required Courses:		
POLS 2310	Introduction to Politics	3
POLS 2311	American Gover & Politics	3
Total Hours		6

VII. Social and Behavioral Sciences (three hours)

Code	Title	Hours
The objective of the social and behavioral science component is to increase students' knowledge of how social and behavioral scientists discover, describe, and explain the behaviors and interactions among individuals, groups, institutions, events, and ideas. Such knowledge will better equip students to understand themselves and the roles they play in addressing the issues facing humanity.		
Select one of the following:		
ANTH 1301	Intro-Phys Anth/Archeolog	3
ANTH 1302	Intro-Cultural Anthropology	
ANTH 1310	Cultural Geography	
ANTH 2320	Intro to Linguistics	
CE 2326	Econ for Engrs & Scientists	
ASIA 2300	Asian American Studies	
COMM 2350	Interpersonal Communication	
COMM 2372	Mass Media and Society	
ECON 2303	Principles of Macroeconomics	
ECON 2304	Principles of Microeconomics	
EDPC 1301	Introduction to Ed Psychology	
EDU 1342	Action Research in Classrooms	
ENGL 2320	Introduction to Linguistics	
GEOG 1310	Cultural Geography	
LEAD 2300	Community Service	
LING 2320	An Intro. to Linguistics	
LING 2340	Lang. Inside & Out: Sel Topics	
PSYC 1301	Introduction to Psychology	
SOCI 1301	Introduction to Sociology	
SOCI 1310	Cultural Geography	
Total Hours		3

VIII. Creative Arts (three hours)

Code	Title	Hours
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The objective of the visual and performing arts component is to expand students' knowledge and appreciation of the human imagination as expressed through works of visual art, dance, music, theatre and film. Through study in these disciplines, students will form aesthetic judgments and develop an appreciation of the arts as fundamental to the health and survival of any society.

Select one of the following: 3

ART 1300	Art Appreciation	
ARTH 1305	History of Art I	
ARTH 1306	History of Art II	
CHIC 1311	Chicana/o Fine Arts Appreciat	
DANC 1304	Dance Appreciation	
FILM 1390	Intro-Art of Motion Pict.	
MUSL 1324	Music Appreciation	
MUSL 1327	Jazz to Rock	
MUSL 2321	Music, Culture, and Society	
THEA 1313	Introduction to Theatre	

Total Hours 3

IX. Component Area Option (six hours)

Code	Title	Hours
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The objective of the institutionally designated option component is to develop the critical thinking skills and academic tools required to be an effective learner. Special emphasis is placed on the use of technology in problem-solving, communications, and knowledge acquisition.

Select two of the following: 6

BUSN 1301	Intro to Global Business	
COMM 1301	Public Speaking	
COMM 1302	Business/Profession Comm	
CS 1310	Intro-Computational Thinking	
CS 1320	Computer Programming Sci/Engr	
EL 1301	Eng Innovation and Leadership	
LEAD 1300	Introduction to Leadership	
SCI 1301	Inquiry in Math & Science	
UNIV 1301	Seminar/Critical Inquiry	

Total Hours 6

4-Year Sample Degree Plan**BS in Kinesiology with Clinical Exercise Science concentration**

Code	Title	Hours
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BACHELOR OF SCIENCE IN KINESIOLOGY**CLINICAL EXERCISE SCIENCE CONCENTRATION****FRESHMAN****Fall**

BIOL 1305 & BIOL 1107	General Biology and Topics in Study of Life I	4
HIST 1301	History of U.S. to 1865	3
MATH 1320 or MATH 1508 or MATH 1411	Math for Social Sciences I Precalculus Calculus I	3-5
RWS 1301	Rhetoric & Composition I	3
UNIV 1301	Seminar/Critical Inquiry	3

Spring

BIOL 2311 & BIOL 2111	Human Anat/Physiology I and Human Anat/Physio Lab I	4
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HIST 1302	History of U.S. Since 1865	3
RWS 1302	Rhetoric & Composition 2	3
Creative Arts Core		3
Social & Behavioral Sciences		3
SOPHOMORE		
Fall		
BIOL 2313 & BIOL 2113	Human Anat/Physiology II and Human Anat/Physio Lab II	4
CHEM 1307 & CHEM 1107	Intro to General Chemistry and Intro General Chemistry Lab	4
Or		
CHEM 1305 & CHEM 1105	General Chemistry and Laboratory for CHEM 1305	
COMM 1301	Public Speaking	3
POLS 2310	Introduction to Politics	3
Spring		
CHEM 1308 & CHEM 1108	Intro Organic & Biochemistry and Intro Organic & Biochem Lab	4
Or		
CHEM 1306 & CHEM 1106	General Chemistry and Laboratory for CHEM 1306	
HSCI 2302	Fundamentals of Nutrition	3
KIN 3303	Hist,Socio,Phil of Sport & PA	3
PSYC 1303	Statistical Methods	3
JUNIOR		
Fall		
KIN 3313	Assessment and Evaluation	3
KIN 3331	Anatomical Kinesiology	3
KIN 3332	Motor Behavior	3
PHYS 1403	General Physics I	4
POLS 2311	American Gover & Politics	3
Spring		
KIN 3325	Research Methods in Kin	3
KIN 4312	Exercise Physiology	3
KIN 4314	Special Pop: Charac/Motor Beh	3
PHIL 2306	Ethics	3
Elective Course		3
SENIOR		
Fall		
KIN 3327	Health Risk Appraisal	3
KIN 4313	Biomechanics	3
KIN 4330	Exercise Prescription & Prog	3
Elective Course		3
Elective Course		3
Spring		
KIN 4331	Clinical Exercise Physiology	3
KIN 4334	Coronary Intervention Programs	3
Elective Course		3
Elective Course		3
Elective Course		3
Total Hours		120-122

BS in Kinesiology with Human Fitness & Performance concentration

Code	Title	Hours
BACHELOR OF SCIENCE IN KINESIOLOGY		
HUMAN FITNESS AND PERFORMANCE CONCENTRATION		
FRESHMAN		
Fall		
BIOL 1305 & BIOL 1107	General Biology and Topics in Study of Life I	4
HIST 1301	History of U.S. to 1865	3
MATH 1320 or MATH 1508 or MATH 1411	Math for Social Sciences I Precalculus Calculus I	3-5
RWS 1301	Rhetoric & Composition I	3
UNIV 1301	Seminar/Critical Inquiry	3
Spring		
BIOL 2311 & BIOL 2111	Human Anat/Physiology I and Human Anat/Physio Lab I	4
HIST 1302	History of U.S. Since 1865	3
PSYC 1301	Introduction to Psychology	3
RWS 1302	Rhetoric & Composition 2	3
Creative Arts Core		3
SOPHOMORE		
Fall		
BIOL 2313 & BIOL 2113	Human Anat/Physiology II and Human Anat/Physio Lab II	4
CHEM 1307 & CHEM 1107	Intro to General Chemistry and Intro General Chemistry Lab	4
Or		
CHEM 1305 & CHEM 1105	General Chemistry and Laboratory for CHEM 1305	
COMM 1301	Public Speaking	3
POLS 2310	Introduction to Politics	3
Spring		
CHEM 1308 & CHEM 1108	Intro Organic & Biochemistry and Intro Organic & Biochem Lab	4
Or		
CHEM 1306 & CHEM 1106	General Chemistry and Laboratory for CHEM 1306	
HSCI 2302	Fundamentals of Nutrition	3
KIN 3303	Hist,Socio,Phil of Sport & PA	3
PSYC 1303	Statistical Methods	3
POLS 2311	American Gover & Politics	3
JUNIOR		
Fall		
KIN 3313	Assessment and Evaluation	3
KIN 3331	Anatomical Kinesiology	3
KIN 3332	Motor Behavior	3
KIN 4312	Exercise Physiology	3
PHYS 1403	General Physics I	4
Spring		
KIN 4301	Personal Training	3
KIN 4313	Biomechanics	3
KIN 4341	Pract Appl of Strength/Condit	3

KIN 4440	Sci. Princpls-Strength/Tr/Con	4
PHIL 2306	Ethics	3
SENIOR		
Fall		
HSCI 3322	Sports Nutrition	3
KIN 4442	Geriatric Fitness Programming	4
KIN 4445	Strength/Cond Prog Design	4
Elective Course		3
Spring		
KIN 4317	Sport Psychology	3
KIN 4351	Intern Hum Fit, Perf, Stre Con	3
Elective Course		3
Elective Course		3
Total Hours		120-122

BS in Kinesiology with Physical Education Teacher Education concentration & ALED minor

Code	Title	Hours
BACHELOR OF SCIENCE IN KINESIOLOGY		
PHYSICAL EDUCATION TEACHER EDUCATION CONCENTRATION WITH ALL-LEVEL EDUCATION MINOR		
FRESHMAN		
Fall		
BIOL 1305 & BIOL 1107	General Biology and Topics in Study of Life I	4
EDU 1342	Action Research in Classrooms	3
MATH 1320 or MATH 1508 or MATH 1411	Math for Social Sciences I Precalculus Calculus I	3-5
RWS 1301	Rhetoric & Composition I	3
UNIV 1301	Seminar/Critical Inquiry	3
Spring		
BIOL 2311 & BIOL 2111	Human Anat/Physiology I and Human Anat/Physio Lab I	4
HIST 1301	History of U.S. to 1865	3
PSYC 1303	Statistical Methods	3
RWS 1302	Rhetoric & Composition 2	3
Creative Arts Core		3
SOPHOMORE		
Fall		
BIOL 2313 & BIOL 2113	Human Anat/Physiology II and Human Anat/Physio Lab II	4
COMM 1301	Public Speaking	3
HIST 1302	History of U.S. Since 1865	3
HSCI 2302	Fundamentals of Nutrition	3
KIN 3303	Hist,Socio,Phil of Sport & PA	3
Spring		
KIN 3331	Anatomical Kinesiology	3
KIN 3332	Motor Behavior	3
KIN 3333	Motor Development	3
PHYS 1403	General Physics I	4
POLS 2310	Introduction to Politics	3
JUNIOR		
Fall		
KIN 3313	Assessment and Evaluation	3

KIN 3315	Princip of Teaching & Lead PE	3
KIN 4312	Exercise Physiology	3
KIN 4314	Special Pop: Charac/Motor Beh	3
PHIL 2306	Ethics	3
POLS 2311	American Gover & Politics	3
Spring		
EDPC 3300	Intro to Youth Dev & Spec Ed	3
KIN 3217	Fundamental Movement Skills	2
KIN 3219	Individual Games and Sports	2
KIN 3221	Team Games and Sports	2
KIN 3223	Lifetime Physical Activities	2
KIN 4330	Exercise Prescription & Prog	3
SCED 3311	Curriculum Plan-Secondary Schl	3
SENIOR		
Fall		
BED 4317	Tch & Empwr ELLs in Sec Schls	3
KIN 4313	Biomechanics	3
KIN 4319	Teaching Elem. School Phy. Ed.	3
KIN 4321	Adv Lead & Teach Sec School PE	3
RED 3342	Content Area Literacy	3
Spring		
TED 4698	Student Teach: All-Levels PE	6
Total		120