

# Department of Kinesiology

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**Department Head: Stanley P. Brown**

Office: 216 McCarthy Gym

**Division of Exercise Science Coordinator: Ben Wax**

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**Division of Sport Studies Coordinator: Katherine Gilliland**

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The Department of Kinesiology offers four undergraduate concentrations: Sport Pedagogy (SPPE), Health Fitness Studies (HFS), Clinical Exercise Physiology (CLEP), and Sport Studies (SS).

Community college transfer hours not to exceed 62 semester hours may be applied to the Kinesiology degree program.

All concentrations require the specified course requirements cited within the General Education and major core listings below. Specified area content courses vary among the four concentrations and are listed following the core section. Pre-Occupational Therapy, Pre-Physical Therapy, Pre-Medical, and Pre-Physician Assistant curricula have different core and program requirements. Those students desiring to enter a graduate health care field should major in CLEP in their undergraduate curriculum.

## Sport Pedagogy Concentration (SPPE)

Major Advisors: Debby Funderburk, Katherine Coffey, Matthew Rye, Brad Vickers, Benjamin Wax and Glen Young

The sport pedagogy concentration requires 124 semester hours of prescribed courses to complete the Bachelor of Science in Kinesiology. The curriculum is designed to meet the need of students interested in becoming physical education teachers in public and private schools. The teaching block of courses must be included in the on-campus requirement of 32 semester hours of junior and senior courses. Students who complete the program will be eligible for teacher licensure by the Mississippi Department of Education.

## Health Fitness Studies Concentration (HFS)

Major Advisors: Ben Abadie, Stamatis Agiovlasis, Harish Chander, Erin Grant-Butler, Megan Holmes, Lee Ann Joe, Adam Knight, John Lamberth, Matthew McAllister, JohnEric Smith and Benjamin Wax

The health fitness studies concentration provides a basic understanding of the science behind physical fitness and the knowledge to implement effective health fitness programs. This concentration also provides students a basic preparation in one of three tracks students may choose: Business, Health, or Aging. Students are prepared to work in a variety of settings and jobs: fitness instructors, strength and conditioning specialists, directors of wellness and fitness programs associated with hospitals or geriatric centers, or in employee assistance in the corporate setting.

## Clinical Exercise Physiology Concentration (CLEP)

Major Advisors: Ben Abadie, Stamatis Agiovlasis, Harish Chander, Erin Grant-Butler, Megan Holmes, Lee Ann Joe, Adam Knight, John Lamberth, Matthew McAllister, JohnEric Smith and Benjamin Wax

The clinical exercise physiology concentration is designed as a professional preparation program of study that enables students to work in clinical settings as exercise physiologists in cardiac and pulmonary rehabilitation, or other clinical rehabilitation settings, such as those for individuals with diabetes, orthopedic limitations, arthritis, cancer, osteoporosis, renal failure, obesity, and in programs dealing with issues of aging. The clinical exercise physiology concentration also provides students with the necessary background to pursue graduate health professions, such as physical or occupational therapy, physician assistant studies, medicine, or other graduate level educational programs.

## Sport Studies Concentration (SS)

Major Advisors: Adam Love, Alan Morse, Adam Pfleeger, and Matthew Rye

The Sport Studies concentration provides students with knowledge and skills necessary for careers in the sport industry. A concentration in Sport Studies helps prepare students to work in such fields as sport marketing & promotions, sporting event and/or facility management & operations, sport communication & media relations, and other administrative areas at the professional, collegiate, and recreational levels of the sport business industry. The program seeks to combine classroom education with hands-on experience, as all students will complete an internship in the sport industry prior to graduation. Students choosing a concentration in Sport Studies choose either the Business or Communication cognate field.

## General Education Requirements

### English Composition

EN 1103

English Composition I

3

or EN 1163	Accelerated Composition I	
EN 1113	English Composition II	3
or EN 1173	Accelerated Composition II	
<b>Mathematics</b>		
MA 1313	College Algebra	3
Higher Math		3
MA 1613	Calculus for Business and Life Sciences I (Req for SS)	
ST 2113	Introduction to Statistics (Req for CLEP, HFS, SPPE)	
<b>Science</b>		
See concentration for required courses		9
<b>Humanities</b>		
See concentration for required courses		6
<b>Fine Arts</b>		
See General Education courses		
<b>Social Sciences</b>		
See concentration for required courses		

Choose one of the following concentrations:

### Sport Pedagogy Concentration (SPPE)

Major Advisors: Debby Funderburk, Katherine Coffey, Matthew Rye, Brad Vickers, Benjamin Wax and Glen Young

BIO 1004	Anatomy and Physiology <sup>1</sup>	4
BIO 1023	Plants and Humans <sup>1</sup>	3
BIO 1123	Animal Biology <sup>1</sup>	3
Literature (See General Education courses) <sup>1</sup>		3
History (See General Education courses) <sup>1</sup>		3
PSY 1013	General Psychology <sup>1</sup>	3
SO 1203	Marriage and Family <sup>1</sup>	3
KI 1803	Health Trends and Topics	3
KI 2213	Emergency Health Care	3
KI 3273	Athletic Training	3
PE 1202	Teaching Team Sports	2
PE 1212	Teaching Individual and Dual Sports	2
PE 1222	Teaching Lifetime Activities	2
PE 1232	Teaching Rhythms	2
PE 2043	Introduction to Sports Studies	3
PE 3133	Adapted Physical Education	3
PE 3153	Methods of Elementary Physical Education	3
PE 3163	Sport Psychology	3
PE 3223	Motor Development and Movement	3
EP 3233	Anatomical Kinesiology	3
PE 3313	Sport Physiology	3
PE 4163	Principles and Methods of Secondary School Health and Physical Education <sup>2</sup>	3
PE 4173	Tests and Measurements in Health and Physical Education <sup>2</sup>	3
PE 4283	Sport Biomechanics	3
PE 4853	Motor Learning and Skill Analysis <sup>2</sup>	3
PE 4883	School Health Education <sup>2</sup>	3
<b>PE Electives</b>		
Choose two of the following:		4
PE 3422	Coaching Football	

PE 3432	Coaching Basketball	
PE 3452	Coaching Softball and Baseball	

### Professional Education Courses

Choose 30 hours from the following:

EDF 3333	Social Foundations of Education	3
EPY 3143	Human Development and Learning Strategies in Education <sup>2</sup>	3
EDX 3213	Individualizing Instruction for Exceptional Children	3
EDF 4243	Planning for the Diversity of Learners <sup>2</sup>	3
EPY 3253	Evaluating Learning <sup>2</sup>	3
PE 4873	Professional Seminar in Physical Education <sup>2</sup>	3
PE 4886	Teaching Internship in Physical Education <sup>2</sup>	6
PE 4896	Teaching Internship in Physical Education <sup>2</sup>	6

<b>Total Hours</b>		<b>124</b>
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<sup>1</sup> Satisfies General Education requirements.

<sup>2</sup> Requires full admission to Teacher Education.

### Health Fitness Studies Concentration (HFS)

Major Advisors: Ben Abadie, Stamatis Agiovlasis, Harish Chander, Erin Grant-Butler, Megan Holmes, Lee Ann Joe, Adam Knight, John Lamberth, Matthew McAllister, JohnEric Smith and Benjamin Wax

BIO 1004	Anatomy and Physiology <sup>1</sup>	4
BIO 1123	Animal Biology <sup>1</sup>	3
CH 1043	Survey of Chemistry I <sup>1</sup>	3
Literature or other approved course	See General Education courses <sup>1</sup>	3
History or other approved course	See General Education courses <sup>1</sup>	3
PSY 1013	General Psychology <sup>1</sup>	3
EC 2113	Principles of Macroeconomics <sup>1</sup>	3
KI 1803	Health Trends and Topics	3
KI 2213	Emergency Health Care	3
PSY 3503	Health Psychology	3
FNH 2293	Individual and Family Nutrition	3
HS 4403	Introduction to Gerontology	3
HS 4583	Entrepreneurship for Human Sciences	3
PE 1041	Aerobics	1
PE 1061	Fitness Walking/Jogging	1
PE 1151	Strength Training	1
EP 2013	Fundamentals of Kinesiology	3
EP 3183	Exercise Psychology	3
EP 3233	Anatomical Kinesiology	3
KI 3273	Athletic Training	3
EP 3304	Exercise Physiology	4
EP 3663	Personal Fitness Training	3
EP 4113	Fitness Programs and Testing Procedures	3
EP 4153	Training Techniques for Exercise and Sport	3
EP 4183	Exercise and Weight Control	3
EP 4210	Health Fitness Studies Internship	3,6
EP 4803	Professional Seminar in Exercise Science	3

Choose 15 hours from one of the following cognates and one course from each of the other two cognates:

**Business Cognate**

EC 2123	Principles of Microeconomics	3
ACC 2013	Principles of Financial Accounting	3
MKT 3013	Principles of Marketing	3
MGT 3513	Introduction to Human Resource Management	3
MKT 4123	Advertising	3
MGT 4153	Management Seminar	3
MGT 4533	Advanced Human Resource Management	3

**Health Cognate**

KI 2023	Foundations of Health Education	3
FNH 3163	Basic Principles of Health Promotion	3
EP 4603	Physical Activity Epidemiology	3
PSY 3363	Behavioral Modification	3
PSY 3353	Motivation	3
COE 4023	Introduction to Counseling	3
CO 3203	Communication and Group Leadership	3

**Aging Cognate**

PSY 4983	Psychology of Aging	3
EP 4123	Aging and Physical Activity	3
HS 4813	Adult Development: The Middle Years	3
COE 4713	Issues in Aging	3
SO 4413	Aging and Retirement in American Society	3
HS 4863	Consumer Aspects of Aging	3

**Oral Communication Requirement**

CO 1003	Fundamentals of Public Speaking	3
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**Computer Literacy Requirement**

TKT 1273	Computer Applications (or other approved course)	3
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**Writing Requirement**

EDF 3413	Writing for Thinking (or approved junior-level writing course)	3
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<b>Total Hours</b>		<b>124</b>
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<sup>1</sup> Satisfies General Education requirements.

**Clinical Exercise Physiology Concentration (CLEP)**

Major Advisors: Ben Abadie, Stamatis Agiovlasis, Harish Chander, Erin Grant-Butler, Megan Holmes, Lee Ann Joe, Adam Knight, John Lamberth, Matthew McAllister, JohnEric Smith and Benjamin Wax

Chemistry	Lecture and lab required <sup>1</sup>	4
Biology	Lecture and Lab required <sup>1</sup>	4
Natural Science	select from General Education courses <sup>1</sup>	3
Humanities	select from General Education courses <sup>1</sup>	6
Social Sciences	select from General Education courses <sup>1</sup>	6
KI 2023	Foundations of Health Education	3
or FNH 3163	Basic Principles of Health Promotion	
KI 2603	Medical Terminology	3
EP 2013	Fundamentals of Kinesiology	3
EP 3183	Exercise Psychology	3
EP 3233	Anatomical Kinesiology	3
EP 3304	Exercise Physiology	4
EP 3613	Exercise Electrocardiography	3
EP 3643	Applied Anatomy and Pathophysiology	3
EP 4113	Fitness Programs and Testing Procedures	3

EP 4133	Exercise Programs for Clinical Populations	3
EP 4183	Exercise and Weight Control	3
EP 4603	Physical Activity Epidemiology	3
EP Elective	Choose two of the following:	
EP 4123	Aging and Physical Activity	
EP 4143	Aging and Disability	
EP 4503	Mechanical Analysis of Movement	
EP 4703	Neural Control of Human Movement	
EP 4803	Professional Seminar in Exercise Science	3
EP 4810	Clinical Exercise Physiology Internship	3,6
BIO 3004	Human Anatomy	4
BIO 3014	Human Physiology	4
<b>Major Electives</b>		<b>20</b>
See advisor for approved list of courses		
<b>Oral Communication Requirement</b>		
CO 1003	Fundamentals of Public Speaking	3
or CO 1013	Introduction to Communication	
or CO 2253	Fundamentals of Interpersonal Communication	
<b>Computer Literacy Requirement</b>		
Satisfied by successful completion of EP 4803		
<b>Writing Requirement</b>		
EDF 3413	Writing for Thinking	3
or MGT 3213	Organizational Communications	
or BIO 3013	Professional Writing for Biologists	
<b>Total Hours</b>		<b>124</b>

<sup>1</sup> Satisfies General Education requirements.

## Sport Studies Concentration (SS)

Major Advisors: Adam Love, Alan Morse, Adam Pflieger, and Matthew Rye

BIO 1004	Anatomy and Physiology <sup>1</sup>	4
Science w/ lab	select from General Education courses <sup>1</sup>	3-4
Science	select from General Education courses <sup>1</sup>	3
Humanities	select from General Education courses <sup>1</sup>	6
EC 2113	Principles of Macroeconomics <sup>1</sup>	3
SO 1003	Introduction to Sociology <sup>1</sup>	3
SS 2003	Foundations of Sport Industry	3
SS 3103	Sorts Sponsorship	3
SS 3203	Sport Law	3
SS 4103	Ethics in Sport Management	3
SS 4203	Funding of Sport	3
SS 4303	Globalization and Sport (Writing Req for B.C.)	3
SO 4333	Sociology of Sport	3
SS 4396	Sports Studies Internship	6
SS 4803	Seminar in Sports Studies	3
Choose five of the following:		15
SS 3403	Facility and Event Management in Sport	
SS 3303	Communication Management in Sport	
KI 4990	Special Topics in Kinesiology (with approval)	
KI 4000	Directed Individual Study in Kinesiology	
KI 2213	Emergency Health Care	

PE 3163	Sport Psychology	
PE 3313	Sport Physiology	
PE 4283	Sport Biomechanics	

Choose one of the following cognates to complete the concentration requirements:

#### Business Cognate

ACC 2013	Principles of Financial Accounting	3
ACC 2023	Principles of Managerial Accounting	3
ST 2113	Introduction to Statistics	3
EC 2123	Principles of Microeconomics	3
MKT 3013	Principles of Marketing	3
FIN 3113	Financial Systems	3
FIN 3123	Financial Management	3
MGT 3114	Principles of Management and Production	4
Free Electives		11

#### Communication Cognate

CO 1223	Introduction to Communication Theory	3
CO 1403	Introduction to the Mass Media	3
CO 2333	Television Production	3
CO 2413	Introduction to News Writing and Reporting	3
CO 3313	News Writing for the Electronic Media	3
CO 3423	Feature Writing	3
CO 3713	Digital Communication	3
CO 3803	Principles of Public Relations	3
Writing or Design course	See advisor for approved courses	3
Free Electives		9

#### Oral Communication Requirement

CO 1003	Fundamentals of Public Speaking	3
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#### Computer Literacy Requirement

TKT 1273	Computer Applications (or other approved course)	3
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#### Writing Requirement

Satisfied by successful completion of SS 4303		
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<b>Total Hours</b>		<b>124</b>
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<sup>1</sup> Satisfies General Education requirements.