

# Department of Kinesiology

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**Department Head: Stanley P. Brown**

Office: 216 McCarthy Gym

**Division of Exercise Science Coordinator: John Lamberth**

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**Division of Sport Studies Coordinator: Brad Vickers**

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The Department of Kinesiology offers four undergraduate concentrations: Physical Education and Coaching (PECO), 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.

## Physical Education and Coaching Concentration (PECO)

Major Advisors: J.J. Chen, Debby Funderburk, Elizabeth Palmer, Brad Vickers, and Glen Young

The physical education and coaching 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: Erin Grant-Butler, Matthew McAllister, and Elizabeth Palmer

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: Stamatis Agiovlasis, Harish Chander, Erin Grant-Butler, Laura Hilton, Megan Holmes, Lee Ann Joe, Adam Knight, John Lamberth, Matthew McAllister, Elizabeth Palmer, Zhujun Pan, JohnEric Smith, Ben Wax, and Holly Wiley

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: Younghan Lee, Soyoun Lim, Matthew Rye, Matthew Zimmerman, and Gregory Twietmeyer

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
or EN 1163	Accelerated Composition I

EN 1113 or EN 1173	English Composition II Accelerated Composition II	3
<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 and HFS)	
Math above MA 1313	(Req for PECO)	
<b>Science</b>		
See concentration for required courses		9
<b>Humanities</b>		
See concentration for required courses		6
<b>Fine Arts</b>		
See Concentration for requirements		
<b>Social Sciences</b>		
See concentration for required courses		

Choose one of the following concentrations:

### Physical Education and Coaching Concentration (PECO)

Major Advisors: J.J. Chen, Debby Funderburk, Elizabeth Palmer, Brad Vickers, and Glen Young

BIO 1004	Anatomy and Physiology <sup>1</sup>	4
BIO 1023	Plants and Humans (or any core approved lab Science) <sup>1</sup>	3
BIO 1123	Animal Biology (or any core approved lab Science) <sup>1</sup>	3
Literature (See Concentration for requirements) <sup>1</sup>		3
History (See Concentration for requirements) <sup>1</sup>		3
PSY 1013	General Psychology <sup>1</sup>	3
SO 1203	Sociology of Families (or other approved Social Science) <sup>1</sup>	3
KI 1803	Health Trends and Topics	3
EP 2013	Fundamentals of Kinesiology	3
EP 3233	Anatomical Kinesiology	3
PE 1243	Methods of Teaching Games and Sports	3
PE 1253	Methods of Teaching Lifetime Activities	3
PE 1263	Methods of Teaching Rhythms	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
PE 3313	Sport Physiology	3
PE 3533	Coaching Sports	3
PE 4283	Sport Biomechanics	3
PE 4533	Developing Coaching Expertise	3
Choose one of the following:		3
KI 3273 or KI 2213	Athletic Training Emergency Health Care	3
<b>Professional Education Courses</b>		
EDF 3333	Social Foundations of Education	3
EDX 3213	Individualizing Instruction for Exceptional Children	3
<b>Required for Admission into Teacher Ed</b>		
EPY 3143	Human Development and Learning Strategies in Education <sup>2</sup>	3
EPY 3253	Evaluating Learning <sup>2</sup>	3
EDF 4243	Planning for the Diversity of Learners <sup>2</sup>	3

PE 4163	Principles and Methods of Secondary School Health and Physical Education	3
PE 4173	Tests and Measurements in Health and Physical Education	3
PE 4853	Motor Learning and Skill Analysis	3
PE 4883	School Health Education	3
<b>Teaching Internship (Final Semester)</b>		
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>

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

<sup>2</sup> Required for admission into Teacher Ed

## Health Fitness Studies Concentration (HFS)

Major Advisors: Ben Abadie, Erin Grant-Butler, Matthew McAllister, and Elizabeth Palmer

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
HDFS 4403	Introduction to Gerontology	3
FDM 4583	Fashion Entrepreneurship	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
<b>Aging Cognate</b>		
PSY 4983	Psychology of Aging	3
EP 4123	Aging and Physical Activity	3
HDFS 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
<b>Oral Communication Requirement</b>		
CO 1003	Fundamentals of Public Speaking	3
<b>Computer Literacy Requirement</b>		
TKT 1273	Computer Applications (or other approved course)	3
<b>Writing Requirement</b>		
EDF 3413	Writing for Thinking (or approved junior-level writing course)	3
<b>Total Hours</b>		<b>124</b>

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

## Clinical Exercise Physiology Concentration (CLEP)

Major Advisors: Stamatis Agiovlasis, Harish Chander, Erin Grant-Butler, Laura Hilton, Megan Holmes, Lee Ann Joe, Adam Knight, John Lamberth, Matthew McAllister, Elizabeth Palmer, Zhujun Pan, JohnEric Smith, Ben Wax, and Holly Wiley

Chemistry	See Gen Ed courses <sup>1</sup>	4
Biology	See Gen Ed courses <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>		20
See advisor or curriculum sheet 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>		124

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

## Sport Studies Concentration (SS)

Major Advisors: Younghan Lee, Matthew Rye, and Gregory Twietmeyer

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 2103	Sport Careers and Practicum	3
SS 3103	Sport 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
SS 4396	Sports Studies Internship	6
SS 4803	Seminar in Sports Studies	3
Choose six of the following:		18
SS 3303	Communication Management in Sport	
SS 3403	Facility and Event Management in Sport	
SS 3503	Sport and Recreational Leadership	
SS 3603	Program Planning in Sport and Recreation	
SS 3703	Contemporary Issues in Intercollegiate Athletics	
SS 4403	Gender and Sport	
SS 4503	Sport Promotion and Sales Management	
SO 4333	Sociology of Sport	
KI 4990	Special Topics in Kinesiology (with approval)	
KI 4000	Directed Individual Study in Kinesiology	
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
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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		8
<b>Communication Cognate</b>		
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		6
<b>Oral Communication Requirement</b>		
CO 1003	Fundamentals of Public Speaking	3
<b>Computer Literacy Requirement</b>		
TKT 1273	Computer Applications (or other approved course)	3
<b>Writing Requirement</b>		
Satisfied by successful completion of SS 4303		
<b>Total Hours</b>		<b>124</b>

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