

Roadmap: Exercise Science - Exercise Specialist - Bachelor of Science

[EH-BS-EXSI-EXSP]

College of Education, Health and Human Services School of Health Sciences Catalog Year: 2009-2010

Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes		
Semester One: [15-16 Credit Hours]						
ENG 11011 College Writing I	3			Enrollment based on placement tests; fulfills LER Composition		
EXSC 15010 Introduction to Exercise Science	2					
MATH 11009 Modeling Algebra or MATH 11010 Algebra for Calculus	3-4			Enrollment based on placement tests; fulfills LER Mathematics and Critical Reasoning		
US 10097 Destination Kent State: FYE	1			Not required for transfer students with 25 credits		
LER Humanities or Fine Arts	3			Should fulfill diversity requirement; visit www.kent.edu/catalog and search "LER" and		
LER Social Sciences	3			"diversity" for course lists		
Semester Two: [14 Credit Hours]						
CHEM 10050 Fundamentals of Chemistry	3			Fulfills LER Basic Sciences		
PEB 10035 Lifetime Fitness	2					
PSYC 11762 General Psychology	3			Fulfills LER Social Sciences		
LER Additional	3			Should fulfill diversity requirement; visit		
LER Humanities	3			www.kent.edu/catalog and search "LER" and "diversity" for course lists		
Semester Three: [15 Credit Hours]						
CHEM 10052 Introduction to Organic Chemistry	2			Fulfills LER Basic Sciences		
ENG 21011 College Writing II	3			Fulfills LER Composition		
PEB 12424 Exercise and Weight Control	1					
PEP 25033 Lifespan Motor Development	3					
PEP 25057 Human Anatomy and Physiology I	3					
Guided Elective (lower or upper division)	3			Consult major advisor on course selection		
Semester Four: [16 Credit Hours]						
CHEM 10053 Inorganic and Organic Laboratory	1			Fulfills LER Basic Sciences		
GERO 14029 Introduction to Gerontology	3					
NUTR 23511 Science of Human Nutrition	3					
PEP 25058 Human Anatomy and Physiology II	3					
PEP 25068 Measurement and Evaluation	3					
LER Additional	3			Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists		
Semester Five: [16 Credit Hours]						
ATTR 25036 Principles of Athletic Training	3					
CHEM 20284 Physiological Chemistry	4					
PEP 35010 Psychological Dimensions of Motor Behavior	3		С	Fulfills writing-intensive course requirement		
PEP 35054 Biomechanics	3			-		
LER Fine Arts	3	_		Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists.		



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Semester Six: [16 Credit Hours]					
EXSC 45480 Internship Seminar in Exercise Science	1				
PEP 35022 Exercise Leadership	3				
PEP 35075 Exercise Programming	3				
PEP 40612 Exercise Leadership for the Older Adult	3				
PEP 45070 Electrocardiography for the Exercise Physiologist	3				
Guided Elective (lower or upper division)	3			Consult major advisor on course selection	
Semester Seven: [16 Credit Hours]					
ATTR 45039 Therapeutic Rehabilitation	4				
ATTR 45040 Pathology and Pharmacology	3				
NUTR 33512 Nutrition	3				
PEP 45065 Exercise Testing	3				
Guided Elective (1 credit must be upper division)	3			Consult major advisor on course selection	
Semester Eight: [12-13 Credit Hours]					
PEP 45080 Physiology of Exercise	3				
PEP 45492 Internship in Physical Fitness/Cardiac Rehabilitation	3				
Guided Electives (lower or upper division)	6-7			Consult major advisor on course selection; take 7 credits if MATH 11010 was taken to meet minimum 121 credit hours	

Graduation Requirements Summary

Total Hours			Diversity Course	Writing-Intensive	Minimum	
Total Hours			Global / Domestic	vviiling-intensive	Major GPA	Overall GPA
121	39	36	LER or Guided Electives	PEP 35010	2.25	2.0

Note:

A minor may selected to meet the students' personal interests as well as to enhance their professional preparation. Students interested in research careers in exercise physiology should consult with their advisor about enhancing their sciences preparation. If a minor is included, total coursework may exceed the minimum 121 credit hours required for graduation.

Liberal Education Requirements (LER)

Students must complete a minimum 36 credit hours of Liberal Education Requirements. Colleges or degree programs may specify certain courses to fulfill the requirements. Courses in the students' major field will not count toward the completion of any LER. Honors equivalents shall satisfy the LER. None of the courses on the LER list may be taken with a pass/fail grade.

Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic focus and one with a global focus. One course must be come from the LER and cannot be in the student's major. The second course may be taken as a second LER; or within a major or minor; or as a general elective; or, with dean's approval, by completing one semester of study in another country.

Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade.

Upper-Division Requirement

In general, baccalaureate programs require the successful completion of at least 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.