



# FLORIDA STATE UNIVERSITY

COLLEGE OF HUMAN SCIENCES

Department of Nutrition, Food and Exercise Sciences

Course Requirements for

B.S. Degree in **Exercise Physiology**

Major: **Exercise Physiology** (2017-2018)

## Pre-Requisite Requirements

✓	GRADE	COURSE #	COURSE TITLE	CREDIT HOURS	GRADE REQ	SEM OFFERED	PREREQUISITE(S)
		MAC 1105*	College Algebra*	3	≥C	F, Sp, S	
		MAC 1140*	Precalculus Algebra*	3	≥C	F, Sp, S	MAC 1105
		MAC 1114*	Analytical Trigonometry*	2	≥C	F, Sp, S	MAC 1105
		CHM 1045*	General Chemistry I*	3	≥C	F, Sp, S	MAC 1105
		CHM 1045L*	General Chemistry I Lab*	1	≥C	F, Sp, S	CHM 1045 corequisite
		CHM 1046*	General Chemistry II*	3	≥C	F, Sp, S	CHM 1045/1045L
		CHM 1046L*	General Chemistry II Lab*	1	≥C	F, Sp, S	CHM 1046 corequisite
		HUN 1201*	Science of Nutrition* <b>≥B- required for entry into the major.</b>	3	≥B-	F, Sp, S	
		PSY 2012*	General Psychology*	3	≥C	F, Sp, S	
		BSC 2010*	Biological Science I*	3	≥C	F, Sp, S	
		BSC 2010L*	Biological Science I Lab* <b>Meets Computer Skills Competency Requirement if taken at FSU. If not, then CGS 2060 required.</b>	1	≥C	F, Sp, S	
<b>Organic Chemistry</b>							
		CHM 2200*	Survey of Organic Chemistry*	3	≥C	- , Sp, S	CHM 1046/1046L
		CHM 2200L	Survey of Organic Chemistry Lab	1	≥C-	F, Sp, S	CHM 2200 corequisite
<b>or</b>							
		CHM 2210*	Organic Chemistry I*	3	≥C	F, Sp, S	CHM 1046/1046L
		CHM 2211	Organic Chemistry II	3	≥C-	F, Sp, S	CHM 2210
		CHM 2211L	Organic Chemistry II Lab	3	≥C-	F, Sp, S	CHM 2210 & CHM 2211 coreq
		BSC 2011*	Biological Science II*	3	≥C	F, Sp, S	BSC 2010
		BSC 2011L	Biological Science II Lab	1	≥C-	F, Sp, S	BSC 2010/2010L
		PET 3102*	Introduction to Exercise Sciences*	1	S	F, Sp, S	
		STA2122/2023*	Statistics*	3	≥C	F, Sp, S	MAC 1105

**\*If you earn below the minimum grade required, you are allowed a single repeat for only one of these courses. If you earn below the minimum grade in any two of these courses, you may not be in this major.**

## College/University Requirements

(may also count as Liberal Studies Requirements)

✓	GRADE	COURSE #	COURSE TITLE	CREDIT HOURS	GRADE REQ	SEM OFFERED	PREREQUISITE(S)
		FAD 2230	Family Relationships (1 <sup>st</sup> College Core)	3	≥C-	F, Sp, S	
		2 <sup>nd</sup> College Core	Any other College of Human Sciences course outside of this major.	3	≥C-	F, Sp, S	
		SPC 1017	Fundamentals of Speech <b>Or any other course that meets the Oral Communication Competency Requirement</b>	3	≥C-	F, Sp, S	

Note: See your Undergraduate General Bulletin **and** your academic advisor for PREREQUISITES and further requirements.

## Upper Division

BCH 3023	Survey of Biochemistry (or BCH 4053)	3	≥C-	F, - , S	CHM 2200/2200L or CHM 2210/2211/2211L
BCH 3023L	Survey of Biochemistry Lab	1	≥C-	F, - , S	CHM 2200/2200L or CHM 2210/2211/2211L

PET 3322	Functional Anatomy and Physiology I	3	≥C+	F, Sp, S	HUN 1201 & CHM 1045
PET 3322L	Functional Anatomy and Physiology I Lab	1	≥C+	F, Sp, S	HUN 1201, CHM 1045 & PET 3322 corequisite
PET 3323C	Functional Anatomy and Physiology II	4	≥C-	F, Sp, S	PET 3322/3322L
APK 3110C	Applied Exercise Physiology	4	≥C-	F, Sp, S	PET 3322/3322L
PHY 2053C	College Physics A	4	≥C-	F, Sp, S	MAC 1140 & MAC 1114
PHY 2054C	College Physics B	4	≥C-	F, Sp, S	PHY 2053C
HUN 3224	Intermediary Metabolism I	3	≥C-	F, Sp, S	HUN 1201, CHM 2200/2200L or CHM 2210
HUN 3226	Intermediary Metabolism II	3	≥C-	F, Sp, S	HUN 1201, PET 3322/3322L & HUN 3224 or BCH 3023/3023L
PET 4551	Exercise Testing and Prescription	3	≥C-	F, Sp, S	APK3110C
<b>**Select 3 of the following for a minimum of 9 credit hours**:</b>					
APK 3113	Methodology of Strength and Conditioning	3	≥C-	F, Sp, -	None
APK 3164	Eating Disorders and Body Images	3	≥C-	F, Sp, -	None
APK 4400	Sport Psychology	3	≥C-	F, Sp, S	None
APK 4401	Exercise Psychology	3	≥C-	F, Sp, -	None
ATR 3102	Athletic Training (for non-majors)	3	≥C-	F, -, S	PET 3322/3322L
HSC 4711	Wellness/Health Risk Reduction	3	≥C-	F, Sp, -	None
HUN 4362	Functional Foods and Human Health	3	≥C-		HUN 1201
HUN 4905	Peer Health Advocacy	3	≥C-		None
PET 3361	Nutrition and Sports	3	≥C-	F, Sp, -	HUN 1201 & PET 3322/3322L
PET 3932r	Special Topics: Exercise and Disease	3	≥C-	- , Sp, -	APK3110C
PET 4076	Physical Dimensions of Aging	4	≥C-	- ,Sp, -	None
Electives	You must have 120 hours to graduate. Use additional elective courses to reach this number if needed.				

#### SUGGESTED ELECTIVES

CHM 3400 General Physical Chemistry (4)	NUR 3195 The Individual, Death and the Family (2)
FAD 4601 Foundations of Counseling (3)	PET 4501 Human Movement Studies (3)
HUN 2125 Food and Society (3) (Multicultural x)	PHZ 4702 Biomedical Physics I (3)
MAC 2311 Calculus with Analytical Geometry I (4)	PHZ 4703 Biomedical Physics II (3)
MCB 2004 Microbiology for Health Services (3) (Sp)	PSB 2000 Introduction to Brain and Behavior (3)
MCB 2004L Microbiology for Health Services Lab (1) (Sp)	

#### SUGGESTED ELECTIVES – SPECIFIC AREAS OF INTEREST

##### Pre-Medical

Complete CHM 2210, CHM 2211 & CHM 2211L

BCH 4053 General Biochemistry I (3)

BCH 4054 General Biochemistry II (3)\*

PCB 3063 General Genetics (3)\*

PCB 3134 Cell Structure and Function (3)\*

\*Permission may be needed from respective department, or course may be restricted to Biology/Chemistry majors until Drop/Add.

##### Pre-Physical Therapy (2-3 Courses)

For most schools, complete CHM 2200/2200L

CHD 2220 Child Growth and Development (3)

DEP 3103 Child Psychology (3)

DEP 3305 Psychology of Adolescent Development (3)

DEP 4404 Psychology of Adult Development and Aging (3)

For more pre-health professions information, visit: <http://med.fsu.edu/index.cfm?page=AdvisingOutreach.prehealthManuals>.

#### GENERAL REQUIREMENTS FOR GRADUATION

(SEE UNDERGRADUATE GENERAL BULLETIN FOR MORE DETAILS)

1. Liberal Studies completed with a 2.0 GPA; completion of State Core Requirements & University Requirements.
2. A minimum of 120 unduplicated credit hours (only 2 credit hours of which may be in physical activity courses).
3. A minimum of 45 credit hours of 3000-4000 level courses, 30 of which must be taken at FSU.
4. Nine credits in summer (only for students enrolling in FSU with less than 60 credit hours).
5. Last of 30 credit hours and half of major courses at FSU.
6. Completion of major course requirements, with ≥ the minimum grade specified in selected courses and ≥C- in all other required courses.
7. A University graduation check with Registrar's Office (University Center A3900).
8. A College of Human Sciences major graduation check with your assigned academic advisor.

**For questions about course requirements or advising, please see your assigned academic advisor.**