



**FLORIDA STATE UNIVERSITY**

ANNE SPENCER DAVES COLLEGE OF EDUCATION, HEALTH AND HUMAN SCIENCES

Department of Health, Nutrition, and Food Sciences

Course Requirements for  
B.S. Degree in **Exercise Physiology**  
Major: **Exercise Physiology** (2026-2027)

<b>Prerequisite Coursework</b>					
✓	COURSE #	COURSE TITLE	CREDIT HOURS	TERM	PREREQUISITE(S)
	<b>MAC 1105</b>	College Algebra	3	F, Sp, S	
	<b>MAC 1140</b>	Precalculus Algebra	3	F, Sp, S	MAC 1105
	<b>MAC 1114</b>	Analytic Trigonometry	3	F, Sp, S	MAC 1105
	<b>CHM 1045</b>	General Chemistry I	3	F, Sp, S	MAC 1105
	<b>CHM 1045L</b>	General Chemistry I Lab	1	F, Sp, S	CHM 1045 pre-/corequisite
	<b>CHM 1046</b>	General Chemistry II	3	F, Sp, S	CHM 1045/1045L
	<b>CHM 1046L</b>	General Chemistry II Lab	1	F, Sp, S	CHM 1046 pre-/corequisite
	<b>HUN 1201</b>	Science of Nutrition ( <i>Note: ≥ C- required as of Summer 2025</i> )	3	F, Sp, S	
	<b>PSY 2012</b>	General Psychology	3	F, Sp, S	
	<b>BSC 2010</b>	Biological Science I	3	F, Sp, S	
	<b>BSC 2010L</b>	Biological Science I Lab	1	F, Sp, S	BSC2010 pre-/corequisite
<b>Courses listed in bold above must be completed prior to admission to the upper division major.</b>					
	BSC 2011	Biological Science II	3	F, Sp, S	BSC 2010
	BSC 2011L	Biological Science II Lab	1	F, Sp, S	BSC 2010/2010L; BSC2011 pre/co-req.
	PET 3322	Functional Anatomy and Physiology I (or BSC 2085) †	3	F, Sp, S	HUN 1201 & CHM 1045; PET 3322L corequisite
	PET 3322L	Functional Anatomy and Physiology I Lab (or BSC 2085L) †	1	F, Sp, S	HUN 1201 & CHM 1045; PET 3322 pre-/corequisite
	PET 3323C	Functional Anatomy & Physiology II (or BSC 2086/2086L) †	4	F, Sp, S	PET 3322

† = Anatomy & Physiology sequence MUST be completed using the same subject prefix: PET 3322/3322L & PET 3323C *or* BSC 2085/2085L & BSC 2086/2086L.

Grades of C- or better are required for all prerequisite and major coursework, unless otherwise specified (PET 3102 requires "S" grade for Satisfactory).

<b>Upper Division Major Coursework</b>					
✓	COURSE #	COURSE TITLE	HRS	TERM	PREREQUISITE(S)
	APK 3110C	Applied Exercise Physiology	4	F, Sp, S	PET 3322 or BSC 2085
	BCH 3023	Survey of Biochemistry (or BCH 4053)	3	F	CHM 2211; BCH 3023L corequisite
	BCH 3023L	Survey of Biochemistry Lab	1	F	BCH 3023 corequisite
	CHM 2210	Organic Chemistry I	3	F, Sp, S	CHM 1046/1046L
	CHM 2211	Organic Chemistry II	3	F, Sp, S	CHM 2210
	CHM 2211L <u>OR</u>	Organic Chemistry II Lab	3	F, Sp, S	CHM2210; CHM2211 pre-/coreq
	CHM 3217	One Semester Organic Chemistry	4	F	CHM 1046/1046L
	CHM 3217L	One Semester Organic Chemistry Lab	1	Sp	CHM 3217
	HUN 3224	Intermediary Metabolism I	3	F, Sp, S	HUN 1201; CHM 2210 or 3217
	HUN 3226	Intermediary Metabolism II	3	F, Sp, S	HUN 1201; PET 3322 or BSC 2085; HUN 3224 or BCH 3023
	PET 3102	Introduction to Exercise Sciences	1	F, Sp	
	PET 4551	Exercise Testing and Prescription	3	F, Sp, S	APK 3110C
	PHY 2053C	College Physics A	4	F, Sp, S	MAC 1140 & MAC 1114
	PHY 2054C	College Physics B	4	F, Sp, S	PHY 2053C
	STA 2122	Statistics (or STA 2023)	3	F, Sp, S	MAC 1105
<b>&gt;&gt; Select any 3 of the following for a minimum of 9 credit hours of Required Electives.</b>					

APK 3113	Methodology of Strength and Conditioning	3		
APK 3164	Eating Disorders and Body Images	3		HUN 1201
APK 4400	Sport Psychology	3		
APK 4401	Exercise Psychology	3		
APK 4402	Applied Sport Psychology	3	No longer offered as of FA2024 but accepted if already completed.	
APK 4403	Performance Psychology	3		
ATR 3102	Athletic Training I (for non-AT majors)	3		
HSC 4711	Wellness/Health Risk Reduction	3		
HUN 4362	Functional Foods and Human Health	3		HUN 1201
PET 3361	Nutrition and Sports	3		HUN 1201; PET 3322 or BSC 2085
PET 3932r	Special Topics	3		
PET 4076	Physical Dimensions of Aging	4		
Additional electives as necessary to reach 120 total hours for graduation.				

### SUGGESTED ELECTIVES (NOT REQUIRED FOR MAJOR)

FAD 4601 Foundations of Counseling (3)	APK 2001 Medical Terminology
HUN 2125 Food and Society (3)	PHZ 4702 Biomedical Physics I (3) **
MAC 2311 Calc w/ Analytical Geometry I (4)	PHZ 4703 Biomedical Physics II (3)
MCB 2004/L Microbiology for Health Services (3/1) (Sp)	PSB 2000 Intro to Brain and Behavior (3)

### SUGGESTED ELECTIVES – SPECIFIC AREAS OF INTEREST

#### Pre-Medical

CHM 2210 (3), CHM 2211 (3) & CHM 2211L (3)  
 BCH 4053 General Biochemistry I (3)  
 PCB 3063 General Genetics (3)\*\*

#### Pre-Physician Assistant

CHM 2210 (3), CHM 2211 (3) & CHM 2211L (3)  
 BCH 4053 General Biochemistry I (3)  
 MCB 2004 Microbiology or MCB 4403 (3)  
 MCB 2004 Microbiology Lab (1) or MCB 4403L (2)  
 PCB 3063 General Genetics (3)\*\*

#### Pre-Physical Therapy

FAD 3220 Lifespan and Development (3)  
 CLP 4143 Abnormal Psychology (3)

#### ACSM Exercise Physiologist Certification

\*Earned bachelor's degree  
 APK 3110 – Applied Exercise Physiology (4)  
 PET 3322 – Functional A&P w/L (4)  
 APK 3113 – Methodology of Strength and Cond. (3)  
 PET 4551 – Exercise Testing and Prescription (4)

For questions on prerequisites for health programs after earning an undergraduate degree, please see an academic adviser and/or an FSU pre-health adviser: <https://med.fsu.edu/outreach/pre-health-advising-health-professions-manuals>.

\*\*Permission may be needed from respective departments or courses may be restricted to majors until Drop/Add.

### GENERAL REQUIREMENTS FOR GRADUATION

(SEE UNDERGRADUATE GENERAL BULLETIN FOR MORE DETAILS)

1. CoreFSU completed with a 2.0 GPA; completion of State Core Requirements & University Requirements.
2. A minimum of 120 unduplicated credit hours.
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 a grade of  $\geq$ C- in all other required courses.
7. A University Academic Progress Check with Registrar's Office (University Center A3900).
8. A College Progress Check with your academic advisor.

**For questions on CoreFSU and degree completion requirements, please see an academic adviser.**