



**Course Requirements for  
B.S. in Exercise Sciences with a major in Exercise Science (2009-2010)  
(254455)**

Term	Grade	Course #	Course Title	Hrs	Sem	Pre-Requisites
		MAC 1140	Precalculus	3	F, Sp, S	MAC 1105
		MAC 1114	Analytical Trigonometry	2	F, Sp, S	MAC 1105
		CHM 1045	General Chemistry I	3	F, Sp, S	MAC 1105
		CHM1045L	General Chemistry I Lab	1	F, Sp, S	MAC 1105
		CHM 1046	General Chemistry II	3	F, Sp, S	CHM 1045&L
		CHM1046L	General Chemistry II Lab	1	F, Sp, S	CHM 1045&L
		CHM 2200 And CHM2200L	Survey of Organic Chemistry	3	Sp, S	CHM1046&L
			Survey of Organic Chemistry Lab	1	F, Sp, S	CHM 2200 or concurrent
		<b>OR</b>	Organic Chemistry I	3	F, Sp, S	CHM1046&L
		CHM 2210 And CHM 2211	Organic Chemistry II	3	F, Sp, S	CHM 2210
		And CHM 2211 L	Organic Chemistry Lab	3	F, Sp, S	CHM2210 and CHM2211
		HUN 1201	Science of Nutrition ( <b>Note: a grade of B- or higher is this course is required for entry into the major</b> )	3	F, Sp, S	
		PSY 2012	General Psychology	3	F, Sp, S	
		BSC 2010	Biological Sciences I	3	F, Sp, S	CHM 1045&L or concurrent
		BSC 2010L	Biological Sciences I Lab (Meets Computer Competency Requirement if taken at FSU; if not taken at FSU, then must also take CGS2060)	1	F, Sp, S	CHM 1045&L or concurrent
		BSC 2011	Biological Sciences II	3	F, Sp, S	BSC 2010 & Lab
		BSC 2011L	Animal Diversity Lab	2	F, Sp, S	BSC 2010 & Lab
		FAD 2230	Family Relationships (1 <sup>st</sup> College Core Course)	3	F, Sp, S	
		PET 3102	Introduction to Exercise Sciences	1	F, Sp, S	
		SPC1017	Fundamentals of Speech, or other course to meet oral competency requirement	3		
		Completion of Liberal Studies/Graduation Requirements – See Bulletin		16-18		

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

		BCH 3023C	Introduction to Biochemistry (or BCH4624)	3	F, S	CHM 2200&L or (2210, 2211 and lab)
		PET 3322	Functional Anatomy and Physiology I <b>(Note: a grade of C+ or higher is required)</b>	3	F, Sp, S	CHM1045, HUN1201
		PET 3322 Lab	Functional Anatomy and Physiology I lab <b>(Note: a grade of C+ or higher is required)</b>	1	F, Sp, S	CHM 1045, HUN 1201
		PET 3323C	Functional Anatomy and Physiology II	4	F, Sp, S	PET3322 & PET3322 lab

	PET 3380C	Applied Exercise Physiology	4	F, Sp, S	PET 3322 & PET3322 lab
	PHY 2053C	College Physics A	4	F, Sp, S	MAC 1140, MAC 1114
	PHY 2054C	College Physics B	4	F, Sp, S	PHY 2053C
	HUN 3224	Intermediary Metabolism I	3	F, Sp, S	HUN 1201, CHM 2200&L or CHM 2210
	HUN 3226	Intermediary Metabolism II	3	F, Sp, S	HUN 1201, PET 3322& lab, HUN 3224 or BCH 3023C
	STA 2122	Introduction to Applied Statistics (or STA 2023)	3	F, Sp, S	MAC1105
	PET4551C	Exercise Testing and Prescription	3	F, Sp, S	PET3380
	2 <sup>nd</sup> College Core	A college core course is a course offered by the College of Human Sciences, but not required for this major	3		
	Required Electives HSC 4711 PET 3361 PET 3621 PET 3932r APK 3113 PET 4076	<b>Select 3 of the following for a minimum of 9 credit hours</b> Wellness/Health Risk Reduction Nutrition & Sport Athletic Training (for non-majors) Special Topics -Exercise & Disease Strength and Conditioning Physical Dimensions of Aging	3 3 3 3 3 4	F,Sp F,Sp S, F Sp, F Sp	See undergraduate bulletin and your advisor for pre-requisites
	Electives	<i>You must have 120 hours to graduate. Use additional electives to reach this number.</i>			

#### Suggested Electives

HUN 2125 Food and Society (3) (multicultural X)      NUR 3195 The Individual, Death and the Family (2)  
 FAD 4601 Foundations of Counseling (3)      PET 4214 Sport Psychology (3)  
 MCB 2004 Microbiology for Health Services (3)-spring only      PSB 3004, 3004L Physiological Psychology (3,1)  
 MCB 2004L Microbiology Lab (1)      PSB 2000 Intro to Brain & Behavior (3)  
 DIE 4244 Nutrition in Disease (3)      CHM 3400 General Physical Chemistry (4)

Honors in the Major Courses (see Bulletin)

Courses for Certificate in Aging Studies from the Pepper Institute (see Bulletin)

#### Suggested Electives for Specific Areas of Interest

##### Pre-Medical

**Complete CHM2210, CHM2211 & lab**

- \* PCB 3063 General Genetics (3)
- BCH 4624 Human Biochemistry or
- BCH 4053 General Biochemistry I (3)
- \*BCH 4054 General Biochemistry II (3)
- \*PCB3134 Cell Structure and Function

\*Permission may be needed from respective department or course may be restricted to Biology/Chemistry majors until drop/add.

**For more information on other pre-health careers, visit [www.med.fsu.edu/Prehealthadvising/manuals.asp](http://www.med.fsu.edu/Prehealthadvising/manuals.asp)**

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

**For most schools, complete CHM2200C**

- CHD 2220 Child Growth & Development
- DEP 3102 Child Psychology
- DEP 4405 Psychology of Adult Development and Aging
- DEP 3305 Psychology of Adolescent Development

**For questions about course requirements or advising, please see you advisor in 207 Sandels**

#### GENERAL REQUIREMENTS FOR GRADUATION (See General Bulletin for more details)

1. Liberal Studies completed with a 2.0 GPA; completion of Gordon Rule and Clast
2. A Minimum of 120 credit hours
3. A Minimum of 60 credit hours at a senior institution
4. A minimum of 40 credit hours of 3000-4000 level courses
5. Nine credits in summer (only for students enrolling in FSU with less than 60 credit hours)
6. Last 30 credit hours at FSU
7. Completion of major course requirements; a grade of C- or higher in all required courses (B- or higher in HUN 1201, and C+ or higher in anatomy and Physiology I & lab); an overall **FSU GPA of 2.5**
8. A University graduation check with Registrar's Office (University Center A3900)
9. A College graduation check; get form from 207 Sandels.

(Revised 3-17-09)