

EXERCISE SCIENCE/PRE-PHYSICAL THERAPY

[code: PPTBESPE]

Student Name: _____

I. EXERCISE SCIENCE COURSES IN THE MAJOR (63 credit hours)

<u>Course Title</u>	<u>Pre-reqs*</u>	<u>Offered**</u>	<u>Course</u>	<u>Cr. Hrs.</u>	<u>Grade</u>	<u>Notes</u>
Learning Community HPER L135 (for new students + transfers with <15 hrs)		F	L135	1		
First Aid and Emergency Care		All	H160	3		
Microcomputer Applications in Physical Education		F, Sp	P200	3		
Introduction to Exercise Science		F, Sp	P212	3		
Principles & Practice of Exercise Science		All	P215	3		
Nutrition for Health		All	N220	3		
Performance & Teaching of Cardiovascular Sports		All	P244	2		
Performance & Teaching of Resistance Training		All	P245	2		
Performance & Teaching Activities for Persons with Disabilities		F, SI	P258	1		
Individual Sports (at Camp Brosius)		SI	P271	1		
Dynamics of Camp Leadership (at Camp Brosius)		SI	R275	2		
Personal Health		All	H363	3		
Progressive Resistance Exercise & Sport Conditioning	Yes	F, Sp	P373	3		
Basic Electrocardiogram for Exercise Sciences	Yes	F, Sp	P374	2		
Biomechanics	Yes	F, Sp	P391	3		
Professional Practice Programs in Physical Education, Health, and Recreation (Internship)	Yes	All	P393	7		
Rhythmic Aerobic Training	Yes	F, Sp	P403	3		
Introduction to Sport Psychology	Yes	F, Sp	P405	3		
Basic Physiology of Exercise	Yes	F, Sp	P409	3		
Physical Activity Programming for Individuals with Disabilities and Other Special Populations	Yes	F, Sp	P410	3		
Fitness Testing & Interpretation	Yes	F, Sp	P419	3		
Internship in Exercise Science	Yes	All	P443	3		
Motor Learning	Yes	F, Sp	P452	3		

* Prerequisites – see separate sheet for listing of prerequisites

** Typical Scheduling Pattern - F = Fall, Sp = Spring, SI = Summer I, SII = Summer II. All = F+Sp+SI+SII.

Subject to change**II. ELECTIVES (optional)**

BACHELOR OF SCIENCE, PHYSICAL EDUCATION, EXERCISE SCIENCE, PRE-PHYSICAL THERAPY

Upon satisfactory completion of all courses in this track, you will earn a BS in Physical Education, Exercise Science emphasis. Additionally, you will have met course prerequisites for admission into the IU Doctor of Physical Therapy program (IUPUI). Among other criteria, admission into the Physical Therapy program requires a minimum of a 3.2 cumulative GPA and a prerequisite GPA of 3.2. For additional information, you may contact Renee Akins at reakins@iupui.edu.

OVER

III. GENERAL EDUCATION REQUIREMENTS (55 credit hours)**Exercise Science/Pre-PT**

A. HUMANITIES (18 credit hours)					
Title	Dept.	Course	Cr. Hrs.	Grade	Notes
Elementary Composition I (grade of C or higher required) ^a	ENG	W131	3		
Professional Writing Skills/W231 or Business Comm/BUS X204 (grade of C or higher required) ^a	ENG or BUS	W231 or X204	3		
Speech/Communication (grade of C or higher required) ^a	COMM	R110	3		
ELECTIVE HUMANITIES (9 hours) - Select at least one course outside of Communication/English – <i>Select from:</i> Art, Classical Studies, Communication, English, Folklore, Foreign Language, these dance courses (HPER D101/D332/D441); HPER P402-Sport Ethics; HPER P411-Legal Aspects/Risk Mgmt in Sport Settings); Journalism, Music, Philosophy, Religion.					
B. LIFE & PHYSICAL SCIENCES (28 credit hours)					
Algebra & Trigonometry I	MATH	153	3		
Algebra & Trigonometry II If you place into math > 154, you do not need to take math.	MATH	154	3		
Human Anatomy ^b	BIOL	N261	5		
Human Physiology ^b	BIOL	N217	5		
Principles of Chemistry I * ^b	CHEM	C105	3		
Principles of Chemistry I Lab * ^b	CHEM	C125	2		
Physics: P218 ^b	PHYS	P218	4		
Statistics: STAT 301 or PSY B305 ^b			3		
C. SOCIAL & BEHAVIORAL SCIENCES (9 credit hours)					
Psychology as a Social Science ^b	PSY	B104	3		
Lifespan Human Development ^b	PSY	B310	3		
<u>Elective (3 cr.) – Select from:</u> Anthropology, Economics, Geography (non-physical), History, Organizational Leadership, Political Science, Sociology, Women's Studies You Selected			3		

IV. ADDITIONAL REQUIRED PREREQUISITES FOR IUPUI'S DPT PROGRAM**(not required for Exercise Science degree)**

Principles of Chemistry II ^b	CHEM	C106	3		
Experimental Chemistry II ^b	CHEM	C126	2		
Physics: P219 ^b	PHYS	P219	4		
Volunteer or Work activity in a variety (more than 2) PT-related settings – contact Allied Health for prior approval and specific requirements. HPER P393/Internship can help meet this prerequisite. http://www.sahs.iupui.edu/admissions/clinical.pdf					

V. ADDITIONAL COURSES RECOMMENDED BY IUPUI'S DPT PROGRAM**(not required for Exercise Science degree)**

Medical Terminology: CLAS C209 or RADI-R108			2/1		
Abnormal Psychology	PSY	B380	3		

Summary –Exercise Science degree	Minimum Cr. Hrs.	Maximum Cr. Hrs.	Your Cr. Hrs.
HPER/major courses	63	63	
General Education {18 + 28 + 9}	55	55	
Additional required DPT prerequisite courses	9	9	
	127	127	
Additional recommended DPT prerequisite courses	4	5	
TOTAL (124 cr. Hrs. required for BS-PE/Exercise Science)	131	132	

^a Minimum grade of C in these courses is a School of Physical Education & Tourism Management requirement^b The minimum cumulative GPA required to apply to the IUPUI Doctor of Physical Therapy program will be a 3.2 (out of 4.0), and a 3.2 in the prerequisite math/science courses (labeled with ^b on this check sheet). Math/science prerequisite course must be completed within 7 years of enrollment in the DPT program.For DPT information, check www.dpt.indiana.edu and/or contact IU School of Health & Rehabilitative Sciences, Student Enrollment Services Coordinator, Renee Akins, reakins@iupui.edu, 317-274-7238.