## **EXERCISE, SPORT, & HEALTH SCIENCES**

**Pre-Physical Therapy** 



The Exercise, Sport, & Health Sciences degree with an emphasis in Pre-Physical Therapy offers students the opportunity to be actively involved in helping people develop healthy active lifestyles. It also prepares students for post-baccalaureate study in numerous health professions including; physical therapy, occupational therapy, athletic training, public health, nursing, and preventive and rehabilitative exercise. Exercise, Sport, & Health Sciences majors must have a cumulative GPA of 2.30 or greater to graduate.

Curricular requirements - 120 semester credits total for graduation

VEMENT SCIENCES CORE (3CRS)		ELECTIVES TO ACHIEVE 120 TOTAL CREDITS (7CF	<b>RS</b> )		
MVSC 201 Physical Activity, Wellness & Behavior Change Prereq or coreq: PEP 100	3	Pre-PT Elective BIO 102 or 115 w/Lab (Recommended)			
VEMENT SCIENCES THEORY & LAB (33CRS)		<b>Pre-PT Elective</b> FCS 105 Individual & Family Development (Recommended)			
BIOL 227 Human Anatomy and Physiology I (F) Prereq: BIOL 102 or 115 Suggested sophomore standing	4	ACTIVITY CLASSES (4CRS)			
BIOL 228 Human Anatomy and Physiology II (S) Prereq: BIOL 227	4	PEP, IFIT, DAN Activity/Skill Classes It is preferred that you select 3 different classes (see advisor for selection)			
FCS 205 Concepts in Human Nutrition	3	PEP 132, 133 OR 134 Skill Analysis			
H&S 245 Introduction to Athletic Injuries (S)	3	UI GENERAL EDUCATION REQUIREMENTS			
<b>H&amp;S 451</b> Psychosocial Determinants of Health (S) Prereq: MVSC 201	3	UI core requirements may overlap degree requirements; students should check with their academic advisor for specific information.			
PEP 100 Introduction to Exercise Science & Health (F)	1	·			
PEP 300 Applied Human Anatomy & Biomechanics	3	COMMUNICATIONS (5CRS)			
Prereq: BIOL 227 or permission PEP 360 Motor Behavior (S) Prereq: BIOL 227	3	ENGL 102 College Writing & Rhetoric The UI catalog requires students take ENGL 109, 101 OR 102 (depending on placement scores) every semester until ENGL 102 is satisfied.			
PEP 418/PEP 418L Physiology of Exercise & Lab	3				
Prereq: MVSC 201, BIOL 227 & BIOL 227; or permission.		COMM 101 Speech (also a major requirement)			
<b>PEP 455</b> Design & Analysis of Research in Movement Sciences Prereq: Junior or Senior standing	3	NATURAL & APPLIED SCIENCES (7-8CRS)			
PEP 493 Fitness Assessment & Prescription Prereq: Senior standing & PEP 418; or permission	3	Gen Ed Lab Science Gen Ed Lab Science			
PHYSICAL THERAPY EMPHASIS (38CRS)					
CHEM 111/CHEM 111L Principles of Chemistry I & Lab	4	MATH, STATISTICS & COMPUTER SCIENCE (3-4CRS)			
Prereq: see catalog		Gen Ed Math OR Stats (see advisor) (Suggested completion of Math within first year)			
CHEM 112/CHEM 112L Principles of Chemistry II & Lab Prereq: CHEM 111 or permission	5	(ouggested completion of main minimum year)			
H&S 450 Critical Health Issues (F)	3	ADDITIONAL UI GEN ED REQUIREMENTS (—CRS)*			
Prereq: BIOL 227 & 228, or MVSC 201	3	Humanities (from 2 different disciplines)			
MVSC 445 Internship Preparation & Professional Development Prereq: MVSC 201	1	<b>Social Sciences</b> (from 2 different disciplines) (PSYC 101 suggested)			
PEP 495 Practicum (2 classes) Prereq: permission	2	American Diversity**			
PEP 498 Internship in Exercise Science & Health	9	International**	1 clas		
(all major coursework must be completed prior to internship)		PEP 498 Senior Experience			
PHYS 111/PHYS 111L General Physics I & Lab Prereq: MATH 143	4	* Additional coursework may be required. See advisor for more information.			
PHYS 112/PHYS 112L General Physics II & Lab Prereq: PHYS 111	4	**American Diversity & International Courses: One course each is required from approved list. There are some Humanities or Social			
<b>PSYC 305</b> Dev Psych OR <b>PSYC 311</b> Abnormal Psych Prereq: PSYC 101	3	Science courses that count for the International or American Dive requirements. See advisor for more information.	ersity		

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STAT 251 Principles of Statistics Prereg: see advisor

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## Sample Four-Year Plan 2020-2021

	FRESHMAN FALL (16CRS)			FRESHMAN SPRING (17CRS)	
PEP 100	Introduction to Exercise Science & Health (F)	1	FCS 205	Concepts in Human Nutrition	3
PEP OR IFIT	Activity Class	1	PEP —	Skill Analysis (PEP 132, 133 <b>OR</b> 134)	1
ENGL 102	College Writing and Rhetoric	3	STAT 251	Statistics	3
BIOL 102 & 102L	Biology and Society	4	COMM 101	Fundamentals of Public Speaking	2
CHEM 111 & CHEM 111L	Principles of Chemistry w/lab Prereg: MATH 143 OR CHEM 101	4	CHEM 112 & CHEM 112L	Principles of Chemistry w/lab Prereq: CHEM 111 OR permission	5
MATH	General Education Math	3	Soc Sci	General Education Social Science (PSYC 101 suggested)	3
	SOPHOMORE FALL (14CRS)			SOPHOMORE SPRING (14CRS)	
BIOL 227	(Human Anatomy and Physiology I (F) Prereq: BIOL 102 or 115 Suggested sophomore standing	4	BIOL 228	Human Anatomy and Physiology II (S) Prereq: BIOL 227	4
MVSC 201	Physical Activity & Behavior Change Prereq or coreq: PEP 100	3	H&S 245	Introduction to Athletic Injuries (S)	3
PEP OR IFIT	Activity Class	1	PEP OR IFIT	Activity Class	1
Humanities	General Education Humanities	3	International	General Education International	3
Soc Sci	General Education Social Science (SOC 101 suggested)	3	Humanities	General Education Humanities	3
	JUNIOR FALL (14CRS)			JUNIOR SPRING (16CRS)	
PEP 300	Applied Human Anatomy & Biomechanics Prereq: BIOL 227 or permission	3	H&S 451	Psychosocial Determinants of Health (S) Prereq: MVSC 201	3
PEP 418 & PEP 418L	Physiology of Exercise & Lab Prereq: MVSC 201, BIOL 227 & BIOL 227; or permission.	3	PEP 455	Design & Analysis of Research in Movement Sciences Prereq: junior or senior standing	3
PEP 495	Practicum Prereq: Permission	1	PEP 360	Motor Behavior (S) Prereq: BIOL 227	3
PHYS 111 & PHYS 111L	General Physics I & Lab Prereq: MATH 143	4	PHYS 112 & PHYS 112L	General Physics II & Lab (S) Prereq: PHY 111 & 111L	4
Am. Diversity	General Education American Diversity	3	Elective	Elective to reach 120 credits	3
	SENIOR FALL (16CRS)			SENIOR SPRING (15CRS)	
H&S 450	Critical Health Issues (F) Prereq: MVSC 201 OR BIOL 227 & 228	3	PEP 498	Internship in Exercise Science & Health (Prereq: All major courses)	9
MVSC 445	Internship Preparation & Professional Development Prereq: MVSC 201	1	Electives	Electives to reach 120 credits	6
PEP 493	Fitness Assessment & Prescription Prereq: senior standing, PEP 418 OR permission	3			
PEP 495	Practicum Prereq: Permission	1			
PSYC 305 OR PSYC 311	Developmental or Abnormal Psychology Prereq: PSYC 101	3			
Electives	Electives to reach 120 credits	5	1		