

EXERCISE SCIENCE 555232BS

Pre Physical Therapy Concentration

The following information has official approval of the **Department of Sport Science and Wellness Education**, but is intended only as a supplemental guide. Official degree requirements are established at the time of transfer and admission to the degree-granting college. *Completion of this degree within the identified time frame below is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.* The transfer process is completed through an appointment with your academic advisor.

*Early transfer to the College of Health Professions can occur after completing 12 credits at the University of Akron, completion of at least one core science course and earning a 3.0 GPA or higher at The University of Akron.

Italicized courses fulfill General Education requirements. Unless a course is specified, refer to the General Education guide at http://www.uakron.edu/advising/docs/General_Education_Guide.pdf

1 st Year	Fall Semester	Credit Hours	Prerequisites
3100:200	* <i>Human Anatomy & Physiology I (Natural Science Requirement)</i>	3	
3100:201	* <i>Human Anatomy & Physiology I Lab (Natural Science Requirement)</i>	1	
	* <i>English Composition I Requirement (see Important below)</i>	3	Appropriate placement by advisor
3450:145	* <i>College Algebra (see Important below)</i>	4	Appropriate placement by advisor
3750:100	* <i>Introduction to Psychology (Social Science)</i>	3	
5550:212	* <i>First Aid/CPR: Professional Rescuer</i>	2	
Total		16	

1 st Year	Spring Semester	Credit Hours	Prerequisites
3100:202	* <i>Human Anatomy & Physiology II (Natural Science Requirement)</i>	3	3100:200
3100:203	* <i>Human Anatomy & Physiology II Lab</i>	1	
	* <i>English Composition II Requirement (see Important below)</i>	3	3300:111 or equivalent
	* <i>Speech/Oral Communication Requirement</i>	3	
5550:125	Introduction to Exercise Science	1	
3850:100	* <i>Introduction to Sociology (Social Science)</i>	3	
Total		14	

2 nd Year	Fall Semester	Credit Hours	Prerequisites
3100:111	+Principles of Biology I (Natural Science) (see Important below)	4	3150:151, prerequisite or corequisite
3150:151	+Principles of Chemistry I (see Important below)	3	Placement into 3450:149 or higher
3150:152	+ <i>Principles of Chemistry I Lab (Natural Science Requirement) (see Important below)</i>	1	3150:151, prerequisite or corequisite
5550:240	Care & Prevention of Athletic Injuries	3	3100:200, 3100:201, prerequisite and 3100:202, 3100:203, corequisite
2740:120	Medical Terminology	3	
5550:150	Concepts of Health & Fitness	3	
Total		17	

Important:

- *Courses required to be a candidate for admission
- English I & II must be completed with a "C" or better for transfer
- All coursework used for graduation requires a "C" or higher (including general education and major classes)
- If a student is eligible for Precalculus, as needed for later science courses, the department recommends taking Basic Statistics instead of College Algebra. Many physical therapy schools require a statistics class for admission. If a student places below Precalculus s/he may take both College Algebra and Basic Statistics

- While Principles of Biology I and Principles of Chemistry I are required by the major, the Department recommends also taking Principles of Biology II and Principles of Chemistry II. Many physical therapy schools require two semesters of both Biology and Chemistry for admission

2nd Year Spring Semester			
5550:220	Health Promotion and Behavior Change	3	5550:150
5550:201	Kinesiology	3	3100:200, 3100:201 or 3100:202, 3100:203
7760:133	Nutrition Fundamentals	3	
3400:210 or 3400:221	<i>Humanities in the Western Tradition</i> -OR- <i>Humanities in the World Since 1300</i>	4	32 credits, English requirement completed 32 credits, English requirement completed
5570:202	Stress Management	3	
Total		16	

3rd Year Fall Semester			
	<i>Humanities Elective Requirement</i>	3	
5550:302	Physiology of Exercise & Lab	3	3100:200, 3100:201, 3100:202, 3100:203, and admission to the Sport Science and Wellness Program
5550:426	Nutrition for Sports	3	7400:133
	<i>Area Studies/ Cultural Diversity Requirement</i>	2	
5550:400	Musculoskeletal Anatomy I UE	3	3100:200, 3100:201, 3100:202, 3100:203
5550:235	Concepts of Motor Dev and Learning	3	
Total		17	

3rd Year Spring Semester			
	<i>Area Studies/ Cultural Diversity Requirement</i>	2	
5550:327	Exercise Leadership	3	5550:302
5550:352	Strength and Conditioning Fundamentals	3	3100:200, 3100:201, 3100:202, 3100:203
5550:401	Musculoskeletal Anatomy II LE	3	3100:200, 3100:201, 3100:202, 3100:203
	<i>Humanities Elective Requirement</i>	3	
5550:460	Practicum	4	Permission of advisor
Total		18	

4th Year Fall Semester			
3650:261	+Physics for Life Sciences I	4	High school algebra, trigonometry, or 3450:149 as a corequisite
5550:449	Organization and Administration for Healthcare Professionals	3	Senior level status and permission only
5550:403	Exercise Testing	3	5550:302
5550:330	Exercise and Weight Control	3	5550:302
5550:xxx	SSWE Elective	3	
Total		16	

4th Year Spring Semester			
5550:355	Exercise in Special Populations	3	5550:302, 5550:403
5550:202	Diagnosis of Motor Skills	3	
3650:262	+Physics for Life Sciences II	4	3650:261
5550:404	Exercise Prescription	3	5550:403 or permission
5550:465	Exercise Science Capstone	2	3100:200, 3100:201, 3100:202, 3100:203
Total		15	

	Minimum Credits for Degree	130	
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ALERT: 1) By the end of your first 48 credit hours attempted, you must have completed your General Education English, Math, and Communications (Speech) requirements; 2) By the end of your first 48 credit hours attempted, you must have declared a major and transferred to (been accepted by) a degree granting college at The University of Akron.

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TRANSFER TO COLLEGE OF HEALTH PROFESSIONS: Students can arrange inter-college transfers through an appointment with their academic advisor; advisor contact information is listed in “My Akron.” The inter-college transfer occurs upon completion of:

- All preadmission courses (*) must be completed and posted to your University of Akron transcript
- Obtain an overall 2.5 grade point average (including transfer work) with a grade of “C” or better in 3300:111 and 112
- Obtain a 2.5 preadmission-course grade point average (including transfer work for the first 15 credits at UA)

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(Roberts)