

EXERCISE SCIENCE 555230BS

Physiological Sciences Concentration

The following information has official approval of the **College of Health Professions**, 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
	* <i>Math Requirement</i>	3-4	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		15-16	

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	

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)

2 nd Year	Fall Semester	Credit Hours	Prerequisites
	* <i>Natural Science Requirement (not Biology)</i>	1	
5570:202	Stress Management	3	
5550:240	Care & Prevention of Athletic Injuries	3	3100:200, 3100:201 prerequisites 3100:202, 3100:203 corequisites
5550:235	Concepts of Motor Development and Learning	3	
2740:120	Medical Terminology	3	
5550:150	Concepts of Health & Fitness	3	
Total		16	

2 nd Year	Spring Semester	Credit Hours	Prerequisites
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	<i>Humanities in the Western Tradition</i>	4	32 credits, English requirement completed

or	-OR-		
3400:221	<i>Humanities in the World Since 1300</i>		32 credits, English requirement completed
2740:230	Basic Pharmacology	3	
5550:202	Diagnosis of Motor Skills	3	
Total		19	

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
3006:450	Interdisciplinary Seminar in Lifespan Development and Gerontology	2	Permission of Instructor
	<i>Area Studies/ Cultural Diversity Requirement</i>	2	
5550:400	Musculoskeletal Anatomy I	3	3100:200, 3100:201, 3100:202, 3100:203
5550:352	Strength and Conditioning Fundamentals	3	3100:200, 3100:201, 3100:202, 3100:203
Total		16	

3rd Year	Spring Semester		
	<i>Area Studies/ Cultural Diversity Requirement</i>	2	
5550:327	Exercise Leadership	3	5550:302
5550:401	Musculoskeletal Anatomy II	3	3100:200, 3100:201, 3100:202, 3100:203
	<i>Humanities Elective Requirement</i>	3	
5550:426	Nutrition for Sports	3	7400:133
	SSWE Elective (see SSWE Advisor)	3	
Total		17	

3rd Year	Summer Semester		
5550:438	Cardiopulmonary Rehabilitation (Summer)	3	5550:302
Total		3	

4th Year	Fall Semester		
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
5550:418	Cardiorespiratory Function	3	5550:302
5550:355	Exercise in Special Populations	3	5550:302 prerequisite; 5550:403 corequisite
Total		15	

4th Year	Spring Semester		
5550:460	Practicum	6	Permission of advisor
5550:412	General Medical Aspects	3	3100:200, 3100:201 or Permission
5550:404	Exercise Prescription	3	5550:403
5550:465	Exercise Science Capstone	2	3100:200, 3100:201, 3100:202, 3100:203
Total		17	

	Minimum Credits for Degree	131	
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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)