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

1st Year	**Fall Semester**	Credit Hours	Prerequisites
3100:200	**Human Anatomy & Physiology I (Natural Science Requirement)*	3	
3100:201	**Human Anatomy & Physiology I Lab (Natural Science Requirement)*	1	
	English Composition I Requirement (see **Important below)*	3	Appropriate placement by advisor
	**Math Requirement*	3-4	Appropriate placement by advisor
3750:100	**Introduction to Psychology (Social Science)*	3	
5550:212	**First Aid/CPR: Professional Rescuer*	2	
Total		**15-16**	

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

Important:

- *Courses required to be a candidate for admission to the major
- English I & II must be completed with a “C” or better for admission to the major
- All coursework used for graduation requires a “C” or higher (including general education and major classes)

2nd Year	**Fall Semester**		
	**Natural Science Requirement (not Biology)*	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**	

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	*Humanities in the Western Tradition*	4	32 credits, English requirement completed

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

3rd Year	**Fall Semester**		
	Humanities Elective Requirement	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
	Area Studies/ Cultural Diversity Requirement	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**		
	Area Studies/ Cultural Diversity Requirement	2	
5550:327	Exercise Leadership	3	5550:302
5550:401	Musculoskeletal Anatomy II	3	3100:200, 3100:201, 3100:202, 3100:203
	Humanities Elective Requirement	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**	

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)