

# Exercise Science Physical Therapy Track

This track provides additional courses that help fulfill the requirements of most graduate level allied health programs, such as physical and occupational therapy, physician assistant programs, and other graduate programs such as the Master of Public Health and Athletic Training. The flexibility of this major makes it easy for students to meet their needs and interests for graduate work, while also learning the essentials of Exercise Science.

## Requirements

### Required Core Courses

EXR 201	Introduction to Exercise Science	3
EXR 212	Medical Terminology	3
EXR 222	Musculoskeletal Anatomy and Physiology	3
EXR 233	Personal Health and Wellness	3
EXR 301	Motor Learning	3
EXR 302	Prevention and Care of Athletic Injuries	3
EXR 325	Evidence-Based Research Concepts	3
EXR 329	Kinesiology and Biomechanics	3
EXR 331	Physiology of Exercise and Sport	4
EXR 352	Health Promotion and Disease Prevention	3
EXR 483	Seminar in Exercise Science	3
EXR 498	Senior Exit Assessment	0
MLS 225	Nutrition	3

### Required Courses; Physical Therapy Track <sup>1</sup> 22-32

#### Psychology - Life span and Abnormal

PSY 221 Lifespan Developmental Psychology  
& PSY 251 and Abnormal Psychology

#### PA: Biochemistry; Microbiology w/Lab <sup>2</sup>

BIO 231 Applied Microbiology  
& BIO 232 and Applied Microbiology Lab

CHE 475 General Biochemistry

#### PT: Any ASP, BIO, CHE w/ Lab from the following <sup>2</sup>

BIO 141 General Biology I

BIO 142 General Biology II

BIO 201 Basics of Human Anatomy and Physiology I

BIO 202 Basics of Human Anatomy and Physiology II

CHE 141 General Chemistry I

CHE 142 General Chemistry II

#### EXR Electives (6 hours; Any non-core EXR course)

BIO 201 & BIO 202	Basics of Human Anatomy and Physiology I and Basics of Human Anatomy and Physiology II	8
CHE 141	General Chemistry I	4
COM 112	Fundamentals of Communication	3
ENG 101	Rhetoric and College Writing	3
ENG 102	College Writing and Civic Engagement	3
MAT 115	Calculus I	4
MAT 121	Applied Statistics	3
PSY 101	Principles of Psychology	3

SOA 101	Introduction to Sociology	3
	First-time, first-year Seminar (Humanities or Social Science)	3
	Comparative Societies (Humanities or Social Science)	3
	Humanities	3
	Visual/Creative/Performing Arts (Humanities)	3
	ECCE (Speaker Series, Global Awareness, US Communities, Engagement Experience Electives)	10
	Electives	12
<b>Total Hours</b>		<b>127-137</b>

<sup>1</sup> Requirements will be different depending on the graduate-level program that is selected.

<sup>2</sup> Some elective courses will also be used to satisfy Exercise Science program requirements. Students should work closely with advisor(s) to ensure all program requirements are met.