

## Advising Guide for Exercise Science Majors PT Track: Pre-Physical Therapy

### Year 1:

Fall Semester	Hours	Spring Semester	Hours
EXR 201: Intro Ex Science	3	EXR 233: Personal Health and Wellness	3
Freshman Seminar (Hum or SS)	3	EXR 212: Medical Terminology	3
ENG 101: Composition I	3	ENG 102: Composition II	3
MAT 121: Statistics	3	COM 112: Oral Communication	3
BIO 201: Anatomy & Physiology I	4	BIO 202: Anatomy & Physiology II	4
Total	16 Hrs.	Total	16 Hrs.

### Year 2:

Fall Semester	Hours	Spring Semester	Hours
EXR 222: Musculoskeletal Anatomy	3	EXR 301: Motor Learning	3
Comparative Societies (Hum or SS)	3	EXR 302: Prevention & Care of Athletic Injuries (prereq: EXR 222)	3
PSY 201: Principles of Psychology	3	SOA 101: Intro to Sociology	3
BIO 141: Unity of Living Organisms	4	BIO 142: Bio of Orgs in the Environment	4
CHE 141: Principles of Chemistry I	4	CHE 142: Principles of Chemistry II	4
Total	17 Hrs.	Total	17 Hrs.

### Year 3:

Fall Semester	Hours	Spring Semester	Hours
EXR 329: Kinesiology and Biomechanics (prereq EXR 222)	3	EXR 325: Evidence-Based Concepts	3
EXR 331: Exercise Physiology (prereq: BIO 201& 202)	4	MLS 225: Nutrition	3
Visual/Creative/Performing Arts	3	MAT 115: Calculus I	4
PSY 321: Life-span Development	4	General Ed (Humanities)	3
ECCE Speaker Series	1	ECCE: Global/ US Communities or EXP	3
Total	15 Hrs.	Total	16 Hrs.

### Year 4:

Fall Semester	Hours	Spring Semester	Hours
EXR 483: Seminar in Exercise Science	3	EXR 352: Health Promo & Disease Prevention (prereq EXR 233)	3
ECCE: EXP or Elective	3	MLS 411: Health Care Mgmt. (ECCE- US Communities)	3
PSY 351: Abnormal Psychology	4	Elective (EXR)	3
ASP 201: Physics I	4	ASP 202: Physics II	4
Total	14 Hrs.	Total	13 Hrs.

EXR Core Courses

EXR Track Courses

Gen Ed/ Other Required Courses

Notes: Students must work closely with advisor to be sure all requirements are met for specific graduate program. Students may need to take CHE101 in addition to CHE 141 if limited chemistry background. IPL 300 (ECCE: EXP) could be used for PT observation hours. Students may also need to take MAT 102 & 103 as pre-requisites for MAT 115: Calculus.

## Physical Therapy Requirements:

The following are general prerequisite requirements for entry into a Physical Therapy program. Please be sure to work closely with advisors to ensure students are meeting program specific requirements.

- General Psychology
- Lifespan Development Psychology
- Abnormal Psychology
- Statistics
- Research Methods
- Medical Terminology
- 5-8 semester hours of Anatomy & Physiology
- 3-4 semester hours of Human Physiology
- 8 semester hours of General Biology with Lab
- 8 semester hours of General Chemistry with Lab
- 8 semester hours of General Physics with Lab

\* some programs require Biochem or Organic Chem (advise accordingly)

Competitive applicants have science and overall GPA of at least 3.000 on a 4.000 scale, typically higher. Most programs require hours of direct, hands-on patient care clinical experience in a health care setting, which includes working with or shadowing PAs, at the time of application.