

## Advising Guide for Exercise Science Majors Pre-Physician Assistant

### 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
PSY 321: Life-span Development	4	MAT 111: Quantitative Reasoning	3
CHE 267 & 268: Organic Chemistry I	4	General Ed (Humanities)	3
ECCE: Speaker Series	1	ECCE: Global or US Communities or EXP	3
Total	16 Hrs.	Total	15 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	3	ECCE: Global or US Communities or EXP	3
CHE 475: General Biochemistry	3	Visual/Creative/Performing Arts	3
BIO 495: General Microbiology	4	Elective (General/ EXR/ Science)	3
		Elective (EXR/ Science)	3
Total	13 Hrs.	Total	15 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. Students may also choose to take BIO 204 /205 for A&P requirements. IPL 300 could potentially be used for PA observation hours.

## Physician Assistant (PA) Requirements:

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

- Biochemistry
- Human anatomy/physiology courses
- Microbiology
- Psychology
- Statistics
- Medical Terminology

Competitive applicants typically have science and overall GPA of at least 3.000 on a 4.000 scale. All prerequisite courses must be completed with a grade of a C or better. Most programs require hours of direct, hands-on patient care clinical experience in a health care setting, which includes working with or shadowing PA's, at the time of application.