



# PRE-PHYSICAL THERAPY PREPARATION

AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	

SP20

Physical therapists (PTs) are health care professionals who diagnose and treat individuals of all ages, from newborns to the very oldest, who have medical problems or other health-related conditions that limit their abilities to move and perform functional activities in their daily lives.

PTs examine each individual and develop a plan using treatment techniques to promote the ability to move, reduce pain, restore function, and prevent disability. In addition, PTs work with individuals to prevent the loss of mobility before it occurs by developing fitness- and wellness-oriented programs for healthier and more active lifestyles.

Physical therapists provide care for people in a variety of settings, including hospitals, private practices, outpatient clinics, home health agencies, schools, sports and fitness facilities, work settings, and nursing homes. State licensure is required in each state in which a physical therapist practices. A Bachelor of Science in Biological Sciences includes most of the physical therapy (PT) prerequisites; however any academic baccalaureate degree will be acceptable that includes these prerequisites. The Graduate Record Exam (GRE) is required for entry into most PT programs. To be accepted into a PT program, a GPA of at least 3.4 on a 4.0 scale and high GRE scores are needed. Most programs also require 45+ job shadowing/experiential hours in the health care field (preferably PT).

Each PT program has different requirements. It is very important to identify early which programs you plan to apply to and to plot out their requirements accordingly.

American Physical Therapy Association [www.apta.org](http://www.apta.org)

## GENERAL REQUIREMENTS:

### LANGUAGE: 9 HRS

Course	Hours	Grade	Semester
ENG 1001G Composition & Language	3		
ENG 1002G Composition & Literature	3		
CMN 1310G Speech Communication	3		

### BIOLOGY\*: 16 HRS

Course	Hours	Grade	Semester
BIO 1500 General Biology I	4		
BIO 1550G* General Biology II	4		
BIO 2210 Anatomy & Physiology I	4		
BIO 2220 Anatomy & Physiology II	4		

### SOCIAL/BEHAVIORAL SCIENCE: 15 HRS

Course	Hours	Grade	Semester
PSY 1879G Intro to Psychology	3		
	3		
	3		

### CHEMISTRY\*: 8 HRS

Course	Hours	Grade	Semester
CHM 1310G General Chemistry I	3		
CHM 1315G General Chemistry I Lab	1		
CHM 1410* General Chemistry II	3		
CHM 1415* General Chemistry II Lab	1		

### MATH\*: 7 HRS

Course	Hours	Grade	Semester
MAT 2110G* Brief Calculus	3		
MAT 2250G Elementary Statistics	4		

### PHYSICS\*: 8 HRS

Course	Hours	Grade	Semester
PHY 1151G Principles of Physics I	3		
PHY 1152G Principles of Physics I Lab	1		
PHY 1161 Principles of Physics II	3		
PHY 1162 Principles of Physics II Lab	1		

\*Additional prerequisite classes may be required. See Undergraduate Catalog.

\*Required by some physical therapy programs

^Recommended by some physical therapy programs

## ADDITIONAL REQUIREMENTS:

- Medical Terminology
- First Aid/CPR Certification
- Human Development/Child Psychology
- Abnormal Psychology
- Departmental Exit Interview (final semester on campus)

## GENERAL REQUIREMENTS:

	HRS	BRADLEY	GOVERNOR'S STATE	MIDWESTERN	NORTHERN ILLINOIS	NORTHWESTERN	ROSALIND	UIC
<b>CHEMISTRY</b>								
CHM 1310G General Chemistry I	3	✓	✓	✓	✓	✓	✓	✓
CHM 1315G General Chemistry I Lab	1	✓	✓	✓	✓	✓	✓	✓
CHM 1410 General Chemistry II	3	✓	✓		✓	✓	✓	✓
CHM 1415 General Chemistry II Lab	1	✓	✓		✓	✓	✓	✓
<b>PHYSICS</b>								
PHY 1151G Principles of Physics I	3	✓	✓	✓	✓	✓	✓	✓
PHY 1152G Principles of Physics I Lab	1	✓	✓	✓	✓	✓	✓	✓
PHY 1161 Principles of Physics II	3	✓	✓	✓	✓	✓	✓	✓
PHY 1162 Principles of Physics II Lab	1	✓	✓	✓	✓	✓	✓	✓
<b>MATH</b>								
MAT 2110G* Brief Calculus	3					✓		✓
MAT 2250G* Elementary Statistics	4		a	a	a	a	a	a
PSY 2610* Statistical Methods of Psych	4	✓	b	b	b	b	b	b
<b>BIOLOGY</b>								
BIO 1500 General Biology I	4	✓	✓	✓	✓	✓	✓	✓
BIO 1550G General Biology II	4		✓		✓	✓		
BIO 2210 Anatomy & Physiology I	4	✓	✓	✓	✓	✓	✓	✓
BIO 2220 Anatomy & Physiology II	4	✓	✓	✓	✓	✓	✓	✓
BIO XXXX See Course Options (right)	4	✓	✓			✓		
<b>BEHAVIORAL/SOCIAL SCIENCES</b>								
PSY 1879G Intro to Psychology	3	*	✓	✓	✓	✓	✓	✓
PSY 3515* Child Psychology OR FCS 1800 Life Span Human Dev.	3		✓		✓			a
PSY 3780* Abnormal Psychology	3	*	✓		✓			b
PSY 3805** Research Methods & Experimental Design	4				✓			
Other Social/Behavioral Sciences	3-6	*		✓		✓	✓	
<b>ADDITIONAL REQUIREMENTS</b>								
MEDICAL TERMINOLOGY		*	✓		✓			
INTRO TO PT			✓					
CPR-BLS for Health Care Professional				✓	✓			
FIRST AID				✓				
MINIMUM GPA		3.0	3.0	3.0	3.0	3.0		
GRE		✓	✓	✓	✓	✓	✓	✓
OBSERVATION HOUR REQUIREMENT		*			✓	✓	✓	✓

a / b: Choose a or b

\* Recommended

\* Additional prerequisite classes may be required. See undergraduate catalog.

## BIO XXXX COURSE OPTIONS:

BIO 3120 Molecular and Cellular Biology  
 BIO 3200 Genetics  
 BIO 3210 Immunology  
 BIO 3300 Microbiology  
 BIO 3520 Animal Physiology  
 BIO 3620 Functional Comparative Anatomy  
 BIO 3622 Embryology  
 BIO 3624 Histology  
 BIO 4834 Neurobiology  
 BIO 4964 Entomology  
 CHM 3450 Biochemistry

## CONTACT INFORMATION:

### PRE-HEALTH PROFESSIONS ADVISING

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