

Requirements for Pre-Physical Therapy Students, SIUC

<u>REQUIRED COURSES</u>	<u>Hrs</u>	<u>Course Name</u>	<u>Prerequisites</u>
BIOL 200A	4	Cell and Molecular Biol, Genetics & Evolution	high school chemistry & biology
BIOL 200B	4	Organismal and Ecological Biology	high school chemistry & biology
CHEM 200, 201, 210, 211 or CHEM 140 A,B*	10 8	General Chemistry I, II & laboratory Chemistry - Survey of general, organic, biochem	high school chem & Math 108 Math 108
ENGL 101, 102	3+3	English Composition I & II	
Humanities	6	Any (Phil 104, Ethics, required for Midwestern Univ. & St. Louis Univ.)	
MATH 108, 109	3+3	Col Algebra, Trig & Analytic Geom	math placement score; 108
MATH 141 or 150**	4	Calculus (UIC & Northwestern)	MATH 108 & 109, or 111 with C
One of: PLB 360, EPSY 402, or MATH 282	3	Statistics	MATH 108
PHYS 203A, 253A	3+1	College Physics I & laboratory	MATH 108 & 109, or 111
PHYS 203B, 253B	3+1	College Physics II & laboratory	PHYS 203A, 253A
PHSL 201 & 208; or 310	4,5	Human Physiology	none; college level biol & chem
PHSL 301 or ZOOL 418	4,5	Human Anatomy, Comparative Vert Anatomy	college level biol; ZOOL 220
Social & Behavioral Science	9/12	Required for most schools. General psychology (102), Abnormal psychology (331), and Intro to Sociology (108) are recommended.	
SPCM 101	3	Introduction to Oral Communications	
<u>Recommended Electives</u>			
AH 105	2	Medical Terminology (Required by Evansville) or proficiency (required by NW)	
KIN 320***	3	Exercise Physiology	
KIN 321	3	Biomechanics of Human Movement	
PSYC 304	3	Adulthood and Aging (lifespan perspective of development)	

*Midwestern requires only one semester of chemistry with lab.

**UIC: Calculus for math, engineering, or natural science is preferred, but business calculus is accepted.

***SLU requires Exercise Physiology and Ethics, (Phil 104)

~~~~~  
**Physical therapy programs** are at the doctoral level (three years; DPT). Admission to physical therapy schools is very competitive. Requirements must be met by grades of C or better. Grade averages of accepted students are well above a B. Applicants should have some knowledge about physical therapy and experience in various patient care settings. Current certification in first aid and CPR are required by some schools (Northwestern). The Graduate Record Exam (GRE) is required.

**40-100 hours** of physical therapy experiences of observing, volunteering, or working are required to be completed at the time of application. The experiences must be documented by physical therapists licensed in the United States. It is recommended that the experiences be of different specialties. Applicants may consult hospitals, nursing homes, community organizations (e.g., Easter Seals, United Cerebral Palsy, or March of Dimes), home health agencies (e.g., Visiting Nurses Association), health maintenance organizations, or stand-alone physical therapy clinics (consult Yellow Pages phone directory) for opportunities to observe physical therapy.

Some of the regional schools with doctoral PT programs are: **Feinberg School of Medicine at Northwestern University, Governor's State University, Rosalind Franklin University of Medicine and Science, University of Illinois at Chicago, Midwestern University, Bradley University, Northern Illinois University, University of Evansville, Rockhurst University, St. Louis University; Doisy College of Health Sciences, and Washington University.** Many students also apply to physical therapy programs across the U.S.

***Pre-Physical Therapy is not a major. The student must satisfy the above requirements and also choose a major in which to earn a baccalaureate degree. Typical majors for Pre-Physical Therapy students are Biological Sciences/Biomed Track or Physiology (College of Science), Psychology (College of Liberal Arts), Therapeutic Recreation or Kinesiology with an Exercise Science Specialization (College of Education and Recreation).***

The Health Professions Information Office is located in Neckers A 185, phone: 618-536-2147, fax: 618-453-7067. The Health Professions Advisor is Gail Robinson. Her email address is grobin@siu.edu. **See the HPIO web page, which includes links to schools and application services, at: [www.science.siu.edu/advisement/health-advise.html](http://www.science.siu.edu/advisement/health-advise.html)**