

Requirements for Pre-Physical Therapy Students, SIUC

| <u>REQUIRED COURSES</u> | <u>Hrs</u> | <u>Course Name</u> | <u>Prerequisites</u> |
|-----------------------------|------------|--|-----------------------------------|
| BIOL 200A | 3 | Cell and Molecular Biol, Genetics & Evolution | high school chemistry & biology |
| BIOL 200B | 3 | Organismal and Ecological Biology | high school chemistry & biology |
| CHEM 200, 201, 210, 211 | 8 | General Chemistry I, II & laboratory | high school algebra and chem |
| or CHEM 140 A,B | 8 | Chemistry - Survey of general, organic, biochem | high school algebra |
| 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 | high school algebra I and II; 108 |
| MATH 141 or 150 | 4 | Calculus (UIC & Northwestern) | MATH 108 & 109, or 111 with C |
| One of: PLB 360, EPSY 402, | 3 | Statistics | college level mathematics |
| or MATH 282 | 3 | Statistics | MATH 108 |
| PE/KIN 321 | 3 | Biomechanical Analysis of Sport (Bradley requires) | PE/KIN 300 or PHSL 301 |
| 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 220B |
| Social & Behavioral Science | 12 | Required for most schools. General psychology (102), child psychology (301), psychobiology (302), and psychopathology (431) are recommended. | |
| SPCM 101 | 3 | Introduction to Oral Communications | |

Recommended Electives

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| HCP/AH 105 | 2 | Medical Terminology |
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Physical therapy programs are at the master's or doctoral level. Admission to physical therapy schools is extremely 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 some experience in patient care. Current certification in first aid and CPR are required by some schools (Northwestern). Application must be made from nine months to a year in advance of the beginning date at the professional schools. Some programs have an undergraduate and a graduate component, such as Northern Illinois University and the University of Evansville, Indiana, which prefer their own undergraduates.

The regional schools are: **Feinberg School of Medicine at Northwestern University**, Physical Therapy Medical School, 645 N. Michigan Ave., Suite 1100, Chicago, IL 60611 (<http://www.nupt.northwestern.edu/>); **Rosalind Franklin University of Medicine and Science**, Physical Therapy Program, School of Related Health Sciences, 3333 Green Bay Rd, N. Chicago, IL 60064 (<http://66.99.255.20/srhs/pt/>); **University of Illinois at Chicago**, Department of Physical Therapy, College of Associated Health Professions, 1919 W. Taylor, Chicago, IL 60612-7251 (<http://66.99.255.20/srhs/pt/>); **Midwestern University**, College of Allied Health Professions, 555 31st. Street, Downers Grove, IL 60515-8977 (<http://www.midwestern.edu/il-pt/>); **Bradley University**, Department of Physical Therapy, College of Education & Health Sciences, 1501 W. Bradley Ave., Peoria, IL 61625-0199 (<http://bradley.edu/academics/ehs/physicaltherapy.shtml>); **Northern Illinois University**, Physical Therapy Program, School of Allied Health Professions, DeKalb, IL 60115-2854 (<http://www.chhs.niu.edu/ahp/pt/>); **University of Evansville**, Department of Physical Therapy, 1800 Lincoln Ave., Evansville, IN 47722 (<http://www.evansville.edu/>); **St. Louis University, Doisy College of Health Sciences**, Department of Physical Therapy, 3437 Caroline Mall, St. Louis, MO 63104-1111 (<http://www.slu.edu/doisycollege/pt/>); **Washington University**, Program in Physical Therapy, Campus Box 8502, 4444 Forest Park Blvd., Room 1101, St. Louis, MO 63108-2212 (<http://physicaltherapy.wustl.edu>).

Pre-Physical Therapy is not a major. The student must also choose a major in which to earn a baccalaureate degree. Typical majors for Pre-Physical Therapy students are Biological Sciences, Physiology, Psychology, Therapeutic Recreation, and Physical Education with an Athletic Training or Exercise Science Specialization.

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