

## REQUIREMENTS FOR PRE-PHARMACY STUDENTS

Southern Illinois University at Carbondale

Prerequisite coursework to enter a Doctor of Pharmacy program at **Southern Illinois University at Edwardsville, University of Illinois Chicago, Midwestern University, Rosalind Franklin University, and St. Louis College of Pharmacy**. Students must complete two to three years of requirements before being admitted to a four-year pharmacy program. A bachelor's degree is not required; however, students with a degree may be more competitive in the admissions process. For other schools of pharmacy, please consult specific prerequisite information for that school.

1st Year		Fall	Spring	Summer
Engl 101, 102	English Composition I, II	3	3	
Math 108, 109	College Algebra, Trig and Analytic Geometry	3	3	
Math 150	Calculus I			4
Chem 200, 210	Intro to Chem Principles, Gen & Inorganic Chem	3	3	
Chem 201, 211	General Chemistry Laboratory I, II	1	1	
Biol 200a	Cell and Molecular Biology, Genetics and Evolution	4		
Biol 200b	Organismal and Ecological Biology		4	
Soc 108	Introduction to Sociology	3		
Psyc 102	Introduction to Psychology		3	
		17	17	
2nd year				
Chem 340, 342	Organic Chemistry I, II	3	3	
Chem 341, 343	Organic Chemistry Laboratory I, II	2	2	
Phys 203a, 203b	College Physics I, II (Midwestern requires Phys I only)	3	3	
Phys 253a, 253b	College Physics Laboratory I, II (not Midwestern)	1	1	
Phsl 201, 208 (SIUE)	Human Physiology (Phsl 310 is science major level)	4/5		
Phsl 301	Survey of Human Anatomy		4	
Econ 240 or 241	Intro to Micro- or Macroeconomics (SIU requires 241)		3	
Spcm 101	Intro to Oral Communication: Speech, Self & Society	3		
		16/17	16	

In addition to the above, **Midwestern University** requires statistics (Math 282) and 8 hours of additional University Core Curriculum courses of the student's choice. **Southern Illinois University Edwardsville** requires Phil 105 and either a music, art or literature course. **Note:** Students may take Phsl 201 in lieu of Phsl 310 for SIUE; however, 310 is a requirement for science majors. **St. Louis College of Pharmacy** has a very limited number of spots available for transfer students (for the third year of the program), as most students begin the SLCOP program freshman year.

**Note: Students are strongly recommended to take summer classes to reduce the heavy course loads, or spread their prerequisite course work out to 3 years. (The above sample curriculum is extremely intensive.) Some pre-pharmacy students choose to complete a bachelor's degree. Pre-Pharmacy is not a program in which a baccalaureate degree is awarded. Students remaining at SIUC to complete a degree before going on to Pharmacy School must consult the specific degree requirements for their chosen major.**

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)** The Science Advisement Office is also located in Neckers A 185, phone: 618-536-5537, fax: 618-453-7067, email us at [advise@cos.siu.edu](mailto:advise@cos.siu.edu) or see our web site at <http://www.science.siu.edu/advisement/index.html> The College of Science Academic Advisors are Dana McKenzie, Jean McPherson, and Becky Reed.

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