

Pharmacy

Health Professions Advisory Program



Academic Requirements for Doctoral Programs in Pharmacy (Pharm. D.)

Required Courses	Highly Recommended Courses (Required by some schools)
<p><u>Biology</u> BIOL 130 Intro Genetics and Cell Biology BIOL 131 Biological Diversity and Ecology</p> <p><u>Chemistry</u> CHEM 115A & B General Chemistry CHEM 335A & B Organic Chemistry CHEM 336A Organic Chemistry Lab</p> <p><u>Physics</u> PHYS 210A & B General Physics PHYS 209A & B General Physics Lab</p> <p><u>Math</u> MATH 161 Calculus</p> <p><u>Other</u> ENGL 101 Expository Writing and Reading ENGL 214 or ENGL 375 Literature or Composition COURSE IN PUBLIC SPEAKING</p>	<p>BIOL 220 Human Anatomy BIOL 224 or BIOL 349 Human Physiology or Animal Physiology BIOL 240 or BIOL 340 Medical Microbiology or Bacteriology BIOL 321 Molecular, Cell Biology, and Physiology BIOL 342 Molecular Genetics ECON 204 or ECON 205 Macroeconomics or Microeconomics MATH 211 Calculus II PSY 250 Introduction to Psychology</p>
	Other Suggested Courses
	<p>SCIENCE 150 Intro to Careers in the Health Professions</p>

ADDITIONAL NOTES:

The courses listed in the left column (with SSU equivalents) are the minimum requirements. Students are strongly encouraged to take courses from the "Recommended" and "Suggested" list (right column). Please note that some of the courses listed above, especially 300 and 400 level science courses, may have other prerequisites.

About half of the Pharmacy Programs in the US require the **Pharmacy College Admissions Test (PCAT)**. For general information about pharmacy programs, go to <http://www.aacp.org>.

For information about the SSU health professions advisory program, visit <https://scitech.sonoma.edu/hpap>.

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