

## Pre-Pharmacy

<b>Courses required for the first year:</b> CHEM 131 or 235 and CHEM 132
<b>Courses recommended for the first year:</b> N/A
<b>BIOL 130 and BIOL 140 are generally taken during the 2<sup>nd</sup> year</b>
<b>Contact:</b> Dr. Mary Ellen Biggin (maryellenbiggin@augustana.edu)

## The Pre-Pharmacy Advising Program

Augustana's pre-pharmacy program is not a graduation major, so a departmental major must be completed if the student intends to graduate with a Bachelor of Arts degree.

### Required Courses

Course Number	Course Name	Learning Perspective/ Suffix	Prerequisites	Usually offered: F, J, SP, SU*	Credits
CHEM 131/235	General Chemistry I/Intro to Inorganic Chemistry	PN/PN	--	F	4
CHEM 132	General Chemistry II	PN	CHEM 131	SP	4
BIOL 130	Molecules to Cells		--		4
BIOL 140	Organisms to Ecosystems		--	F,SP	4
CHEM 321	Organic Chemistry		CHEM 132 or 235	F	4
CHEM 322	Organic Chemistry II		CHEM 321	SP	4
MATH 160	Calculus	Q	C or better in MATH 140 or placement into Calculus	F,SP	4
BIOL 351	Human Anatomy			F,SP	4
PHYS 151/211	Principles of Physics 1 or Foundational Physics 1	PN/PN	None/MATH 160	F	4
PSYC 240	Statistics	Q	PSYC 100 and permission of instructor	F,SP	4
COMM 101	Public Speaking			F,SP	4

**Additional Courses (or Required Supporting Courses)** (check specific Pharm. D. programs)

<b>Course Number</b>	<b>Course Name</b>	<b>Learning Perspective/ Suffix</b>	<b>Prerequisites</b>	<b>Usually offered: F, J, SP, SU*</b>	<b>Credits</b>
BIOL 343	Microbiology		BIOL 250 or Permission of Instructor	F,SP	4
BIOL 362	Human Physiology		BIOL 130	F,SP	4
CHEM 441	Biochemistry I		CHEM 322 and BIOL 130	F	4
ECON 200	Principles of Economics		--	F,SP	4

### **Program Overview**

The typical program leading to the Doctor of Pharmacy degree requires two or more years of pre-professional study at an undergraduate college, followed by four years at an accredited school of pharmacy. Although the pre-professional study can often be completed in two years, an increasing percentage of students entering pharmacy schools complete more than two years of undergraduate study.

Currently over two-thirds of the students entering pharmacy programs nationwide have three or more years of pre-professional study and over one-third have earned bachelor's degrees. More than two years of pre-professional study can improve the chances of being admitted to a pharmacy program and can improve preparation for pharmacy school coursework. Entrance requirements vary among pharmacy schools, so students are urged to determine as early as possible the requirements of the schools to which they intend to apply.

Pre-pharmacy students should contact the pre-pharmacy advisor early in their first year so that an appropriate schedule of courses may be planned.

\*Fall, J term, Spring, Summer; see [Academic Calendar](#) for specific dates

Updated May 2025