

Pre-Medicine (PMED)

Courses required for the first year: CHEM-131 and CHEM-132
Courses recommended for the first year: BIOL-130 and BIOL-140 are generally taken by the end of the second year
Contact: Brad Kennedy (bradleykennedy@augustana.edu)

The Major in Pre-Medicine

Required Courses

Course Number	Course Name	Learning Perspective/ Suffix	Prerequisites	Usually offered: F, J, SP, SU*	Credits
BIOL-130	Molecules to Cells		--	F and SP	4
BIOL-140	Organisms to Ecosystems		--	F and SP	4
BIOL-250	Genetics		BIOL-130 & BIOL-140	F and SP	4
BIOL-360/ BIOL-362	Comparative Physiology or Human Physiology		BIOL-130 & BIOL-140/ BIOL-130	F and SP	4
CHEM-131	General Chemistry I	PN	--	F	4
CHEM-132	General Chemistry II	PN	CHEM-131	SP	4
CHEM-321	Organic Chemistry I		CHEM-132 (C or better)	F	4
CHEM-322	Organic Chemistry II		CHEM-321	SP	4
CHEM-441	Biochemistry I		CHEM-322 & BIOL-130	F	4
PHYS-151/ PHYS-211	Principles of Physics 1 or Foundational Physics 1	PN/PN	None/MATH-160	F	4
PHYS-152/ PHYS-212	Principles of Physics 2 or Foundational Physics 2	PN/PN	None/MATH-220, MATH-260 (concurrently)	SP	4
PSYC-100	Intro to Psychology	PS	--	F and SP	4
SOAN-101/ SOAN-102	Intro to Sociology or Intro to Anthropology	PS, D/ PS, G	--	F and SP	4
	Senior Inquiry				4
	Math Index Score of 920 or successful completion of MATH 140 with C or higher				

Additional Recommended Courses

Course Number	Course Name	Learning Perspective/ Suffix	Prerequisites	Usually offered: F, J, SP, SU*	Credits
PSYC-240 or MATH-130	Statistics	Q	--		4
BIOL-351	Human Anatomy		--	F and SP	4
BIOL-455	Human Gross Anatomy Lab		BIOL-351	F and SP Every other year	2
RELG-355	Medical Ethics	PH	--		4
PHIL-105	Life and Death	PH	--		4
PHIL-312	Philosophy of Medicine	PH	--		4

Major Overview

The Augustana pre-medicine major is designed to provide a strong foundation in the sciences, to satisfy the entrance requirements of most medical schools, and to prepare students for the MCAT (Medical College Admissions Test). It allows for a wide choice of electives in accordance with the student's own interest. Since admission to medical school is based on many factors, the student is encouraged to work closely with the advisor while enrolled at Augustana.

Students can earn college credit while gaining clinical experience. Some students take positions as research assistants in university labs around the country during the summer. One example is Augustana's intensive internship program with the Texas Medical Center in Houston, one of the nation's top cancer medical research centers, where students conduct research with mentors who are leaders in areas ranging from cancer to molecular genetics.

Note: A student majoring in Pre-Medicine may not also major in Biology.

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

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