

Pre-Medicine

Courses required for the first year: CHEM 131 and CHEM 132
Courses recommended for the first year: BIOL 130 or BIOL 140
Contact: Brad Kennedy

The Major in Pre-Medicine

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

Required Courses

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

Additional Supporting Courses

Course Number	Course Name	Learning Perspective	Prerequisites	Credits
PSYC 240	Statistics	Q		4
BIOL 351	Human Anatomy			4

BIOL 455	Human Gross Anatomy Lab			2
RELG 355	Medical Ethics			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.