

A Guide to Pre-Health Prerequisites at SF State

Health Profession programs each have specific prerequisites to ensure applicants have built essential skills and knowledge prior to admission. The below chart provides a general overview of the prerequisite coursework that is typically required for admission, and the SF State courses which would fulfill these requirements. Each program will have unique admissions requirements, so it is important to research your programs of interest while using this chart as a general guide. **We strongly recommend working with your advisor to develop an educational plan that includes the prerequisite coursework for your programs of interest.**

Some programs will accept community college coursework and AP exam credit to fulfill the below prerequisites, and some programs will not accept these forms of credit. Be sure to check whether your programs of interest will accept community college coursework and/or AP exam credit.

Plan to complete all prerequisite coursework for a letter grade, do not take any of them CR/NC. It is recommended that Pre-Health students maintain a minimum GPA of 3.0, although many Health Profession programs will have GPA averages above this minimum.

Requirement	SFSU Course	Medicine (MD and DO)	Nursing	Veterinary	Dentistry	Physician Assistant	Physical Therapy	Pharmacy	Occupational Therapy
Chem I w/lab	CHEM 115	✓	CHEM 101/102	✓	✓	✓	✓	✓	
Chem II w/lab	CHEM 215 (lab is included)	✓		✓	✓	✓	✓	✓	
Organic I w/lab	CHEM 233/234	✓		✓	✓	some		✓	
Organic II w/lab	CHEM 335/336	✓		✓	✓	some		✓	
Biology I w/lab	BIOL 230 (lab is included)	✓	BIOL 210/211	✓	✓	✓	✓	✓	some
Biology II w/lab	BIOL 240 (lab is included)	✓		✓	✓	✓	✓	✓	some
Physics I w/lab	PHYS 111/112 or PHYS 220/222	✓		✓	✓	✓	✓	✓	some
Physics II w/lab	PHYS 121/122 or PHYS 230/232	✓		✓	✓	✓	✓	✓	some
Calculus	MATH 226	some		✓	some			✓	
Statistics	MATH 124 or ISED 160 or PSY 171	some	✓	✓	some	✓	✓	✓	✓
Biochemistry	CHEM 349 or CHEM 340/341	some			✓	some		some	
Biochemistry Lab	CHEM 343	some			✓	some		some	
Microbiology w/lab	BIOL 401/402GW	some		some	some	✓	some	some	
Medical Microbiology w/lab	BIOL 430/431					some			
Human Anatomy w/lab	BIOL 328 (lab is included)	some	BIOL 220 (lab is included)	some	some	✓	✓	some	✓
Physiology w/lab	BIOL 612/613GW	some	BIOL 212/213	BIOL 630/631GW recommended	some	✓	✓	some	✓
Genetics	BIOL 355	some		some	some	some			
Cell Biology	BIOL 350	some		some	some				
Inorganic Chemistry	CHEM 325/326	some			some				
English Composition	ENG 114 or ENG 105 or ENG 106 or ENG 202 or ENG 209	some	✓	✓	✓	some	some	some	some
Psychology	PSY 200	some			some	✓	✓	some	✓
Developmental Psychology (Lifespan)	PSY 431		some						✓
Abnormal Psychology	PSY 452								✓
Sociology	SOC 105	some		some	some	some		some	✓
Economics	ECON 101 or ECON 102	some						✓	
Nutrition w/lab	NUTR 450/451					some			
Exercise Physiology w/lab	KIN 482/483						some		
Kinesiology	KIN 250						some		