Aspiring to be a Healthcare Professional?

Plan your undergraduate pathway with an exciting career in mind.

				Occupational					Physical	Physician		
Required Undergraduate Coursework	Clinical	Dental	Medical	Therapy	Optometry	Nursing	Nutrition	Pharmacy	Therapy	Assistant	Radiography	Veterinary
General Chemistry I with Lab (CHEM 110/L)	✓	✓	✓	✓	√	✓	✓	✓	✓	✓	✓	✓
General Chemistry II with Lab (CHEM 230/L)	✓	✓	✓	✓	√	✓	✓	✓	✓	✓	✓	✓
Organic Chemistry I with Lab (CHEM 210/210L)			✓		√			✓				
Organic Chemistry II with Lab (CHEM 220/220L)			✓		✓			✓				
Biology 1 with Lab (BIOL 201/L)	√	✓	✓	✓	√	✓	✓	✓	✓	✓	✓	√
Biology 2 with Lab (BIOL 202/L)	√	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	√
Human Anatomy (BIOL 215/L)	✓	✓	✓	✓	√	✓	✓	✓	✓	✓	✓	✓
Human Physiology (BIOL 225/L)	✓	✓	✓	✓	√	✓	✓	✓	✓	✓	✓	✓
Genetics with Lab (BIOL 301/301L)	✓	✓						✓				
Biochemistry with Lab (BIOL 311/311L)	✓		✓		✓		✓	✓				✓
Microbiology with Lab (BIOL 317/317L)	✓					✓		✓		✓		
General Physics I with Lab (PHYSI 141/L)	✓	✓	✓	✓	√		✓	✓	✓	✓	✓	
General Physics II with Lab (PHYSI 142/L)	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
Statistics (MATH 104)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Calculus with Lab (MATH 137/137L)		✓	✓		✓							✓
Intro to Psychology (PSYCH 100)		✓	✓	✓	√	✓	✓		✓	✓		✓
Developmental Psychology (PSYCH 240)						✓						
Social Science (SOC 100 or 104)			✓							✓		
Interpersonal Communication (COMM 312)						✓	✓				√	✓
Nutrition (HS 331)						✓						
Clinical training	12 months	150 hrs	200 hrs	150 hrs	50 hrs		200 hrs		150 hrs	1 yr	100 hrs	200 hrs
Other						Pharmacology & Pathophysiology		ECON 101 COMM 306 or 461				
	•	•	•	•	•	•	•	•	•	•	•	
Additional Recommended Undergraduate Coursework:		COMM 306	BIOL 301/301L	PSYCH 260	BIOL 301/301L				PSYCH 240 or 260	BIOL 301/301L	Medical Terminology	BIOL 301/301L
		ORB 210	BIOL 317/317L		BIOL 317/317L					BIOL 311/311L		BIOL 317/317L
		Manual dexterity			BIOL 319/319L					PSYCH 310/310L		



Questions? Contact:

Dr. Chi-An Emhoff cwe1@stmarys-ca.edu Interim Director of Health Science Associate Professor of Kinesiology





