

Sullivan COP Requirements

KCTCS – Pre-Pharmacy Curriculum

Prerequisite Course Title	Sem. Hrs.	Course Title (Primary Recommendation)	Course Code	Credit Hours	Possible Alternatives
General Chemistry I	3	General College Chemistry I	CHE 170	4	
General Chemistry I LAB	1	General College Chemistry I Lab	CHE 175	1	
General Chemistry II	3	General College Chemistry II	CHE 180	4	
General Chemistry II LAB	1	General College Chemistry II Lab	CHE 185	1	
Organic Chemistry I	3	Organic Chemistry I	CHE 270	3	
Organic Chemistry I LAB	1	Organic Chemistry I LAB	CHE 275	2	
Organic Chemistry II	3	Organic Chemistry II	CHE 280	3	
Organic Chemistry II LAB	1	Organic Chemistry II LAB	CHE 285	2	
Elements of Calculus	3	Brief Calculus with Applications	MAT 170	3	MAT 174 or MAT 175
General Biology	3	Principles of Biology I	BIO 150	3	
General Biology LAB	1	Principles of Biology I Lab	BIO 151	2	
General Microbiology	3	Principles of Microbiology w/ Lab	BIO 227	4	BIO 225
General Microbiology LAB	1				
Human Anatomy and Physiology	3	Human Anatomy and Physiology I*	BIO 137	4	
Elementary Statistics	3	Statistics	STA 220	3	
English with Composition I	3	Writing I	ENG 101	3	
English with Composition II	3	Writing II	ENG 102	3	
Economics (Micro or Macro)	3	Principles of Microeconomics	ECO 201	3	ECO 202
Public Speaking (Communications)	3	Basic Public Speaking	COM 181	3	COM 205 or COM 252
General Education Topics/ Electives	27			27	
Total	72			78	

*BIO 139 is highly recommended as a General Education course