

Pre-Pharmacy

Associate in Science

Program/CIP Code: PRE.PHARM.AS/24.0101

Credits Required: 62

Division: Math, Science & Business Technology

Contact: MSBT@kckcc.edu

MISSION

The following program provides a foundation of general education while fulfilling prerequisites for the study of pharmacy. Students should check specific requirements of the pharmacy school where they plan to apply for admission. Students should select honors courses whenever they are offered.

Requirements for admission to the program:

- No requirements for admission to the program.
- Contact program for program-specific advising.

College Requirement

Course		Credit Hours
BLUE 0101	Freshman Seminar	1

General Education Requirements

Course		Credit Hours
ENGL 0101	Composition I*	3
ENGL 0102	Composition II*	3
SPCH 0151 OR SPCH 0201	Public Speaking OR Interpersonal Communication	3
PHIL 0206	Ethics*	3
	Humanities Elective	3
	Social Science Elective	6
BIOL 0135	Principles of Cell and Molecular Biology	4
CHEM 0111	College Chemistry I and Lab*	5
MATH 0120	Calculus I **(Non-Engineering)	3
Total Hours for General Education Requirements		33

*See course syllabus for prerequisite.

** Math sequence is contingent upon previous high school mathematics background and transfer institution. Students should confer with an advisor to determine correct placement.

Pre-Pharmacy Requirements*

	Course	Credit Hours
BIOL 0261	Microbiology	3
BIOL 0262	Microbiology Lab	2
BIOL 0271	Physiology	3
BIOL 0272	Physiology Lab	1
CHEM 0112	College Chemistry II and Lab	5
CHEM 0211	Organic Chemistry I	3
CHEM 0213	Organic Chemistry Lab	2
CHEM 0212	Organic Chemistry II	3
CHEM 0214	Organic Chemistry II Lab	2
NASC 0231 OR NASC 0130 AND NASC 0131	General Physics I and Lab OR Introductory Physics I AND Introductory Physics Laboratory	4
	Total Hours for Pre-Pharmacy Requirements	28
*See course syllabi for Pre-Pharmacy course prerequisites.		

Total Hours for an Associate in Science in Pre-Pharmacy Degree	62
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