

Pre-Medical/Pre-Optometry

Associate in Science

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

Credits Required: 68

Division: Math, Science & Business Technology

Contact: MSBT@kckcc.edu

The following program provides a foundation of general education while fulfilling prerequisites for the study of medicine. Students should check specific requirements of the four-year college where they plan to transfer and specific requirements of the medical college(s) 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
	Humanities Elective (2 disciplines)	6
	Social Science Elective (2 disciplines)	6
MATH 0120	Calculus I (Non-Engineering)**	3
CHEM 0111	College Chemistry I and Lab*	5
BIOL 0135	Principles of Cell and Molecular Biology	4
Total Hours for General Education Requirements		33

*See course syllabus for prerequisites.

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

Pre-Medical/Pre-Optometry Requirements*

Course		Credit Hours
BIOL 0141	Human Anatomy and Lab	4
BIOL 0261	Microbiology	3
BIOL 0262	Microbiology Lab	2
CHEM 0112	College Chemistry II and Lab	5
CHEM 0211	Organic Chemistry I	3
CHEM 0213	Organic Chemistry I Lab	2
CHEM 0212	Organic Chemistry II	3
CHEM 0214	Organic Chemistry II Lab	2
NASC 0231	General Physics I and Lab	5
NASC 0232	General Physics II and Lab	5
Total Hours for Pre-Medical/Pre-Optometry Requirements		34
*See course syllabi for Pre-Medical/Pre-Optometry course prerequisites.		

Total Hours for an Associate in Science in Pre-Medical/Pre-Optometry Degree	68
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