

Pre-Clinical Laboratory Science

Associate in Science

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

Credits Required: 69

Division: Math, Science & Business Technology

Contact: MSBT@kckcc.edu

MISSION

The mission of the Pre-Clinical Laboratory Science program is to graduate competent and ethical clinical laboratory professionals with the knowledge and the skills for career entry. It is also the program mission to prepare graduates for leadership roles in the clinical laboratory and professional organizations and to instill an understanding of the need for maintaining continuing competency in a rapidly changing and dynamic profession. The Clinical Laboratory Science program has a strong commitment to the career ladder approach to higher education. With Career Ladder programs, the students can transfer to universities to enroll in the Bachelor of Science in Clinical Laboratory Science. The AAS graduates who wish to obtain a bachelor's degree in Clinical Laboratory Science may "career ladder" without loss of credit.

Note: To be considered for admissions to the clinical laboratory science program at the University of Kansas Medical Center, students must have an overall grade-point average of 2.00 and a grade-point average of 2.30 in chemistry, biology, and microbiology.

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 0105 OR MATH 0108	College Algebra** OR Pre-Calculus**	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-Clinical Laboratory Science Requirements*

Course		Credit Hours
BIOL 0261	Microbiology	3
BIOL 0262	Microbiology Lab	2
BIOL 0271	Physiology	3
BIOL 0272	Physiology Laboratory	1
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	5
MATH 0115	Statistics	3
CIST	Elective	3
Total Hours for Pre-Clinical Laboratory Requirements		35
*See course syllabi for Pre-Clinical course prerequisites.		

Total Hours for an Associate in Science in Pre-Clinical Laboratory Degree	69
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