

Biology - Associate in Science

Program Code - CIP Code: BIOL.AS/24.0101

Credits Required: 63

Academic Division: Math, Science, Business and Technology

Contact: MSBT@kckcc.edu

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The Biology Department provides coursework that allows students substantial flexibility in biologically based career options while instilling an appreciation for the complexity and diversity of life. Our biology laboratory courses prepare students with the hands on skills necessary to pursue professional positions in the medical field, industry, and research. In biology lecture courses, students learn the mechanisms, theory, history, and philosophy of each biological science. The most fundamental goals of teaching and learning in biology are to develop an appreciation for the study of life, to enhance scientific literacy, and to foster a desire for continued acquisition of knowledge.

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
MATH 0105	College Algebra** or higher	3
Humanities Electives (2 disciplines)		6
Social Science Electives (2 disciplines)		6
BIOL 0135	Principles of Cell and Molecular Biology	4
CHEM 0111	College Chemistry I and Lab*	5
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.

Biology Requirements*

Course		Credit Hours
BIOL 0225	Diversity of Organisms	5
BIOL 0240	Introduction to Genetics	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 (recommended)	2
NASC 0231	General Physics I & Lab	5
Total Hours for Biology Requirements		29

*See course syllabi for Biology course prerequisites.

Total Hours

Total Hours for an Associate in Science in Biology Degree	63
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Kansas City Kansas Community College

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