

COURSE TRANSFER

The Kansas Board of Regents approves new courses each year, guaranteed to transfer among all Kansas public postsecondary institutions. A student who completes a Systemwide Transfer (SWT) course at any Kansas public community college, technical college, or university can be certain that he or she can transfer that course to any other Kansas public institution offering an equivalent course. Course that meet the Systemwide Transfer (SWT) are notated by this symbol **▷**. Visit https://www.kansasregents.org/academic_affairs/transfer-articulation [for more information.



BIOLOGY AND LIFE SCIENCES

Program Code: BIOL

PROGRAM DESCRIPTION: The Associate in Science Degree in Biology and Life Science is a program that is designed to meet the needs of students who plan to transfer to a four-year institution to earn a bachelor's of science degree or higher in a biology or post-baccalaureate health field: ecology, secondary education in life science, natural resource research, doctor of medicine, doctor of chiropractic medicine, doctor of dentistry, doctor of optometry, doctor of physical therapy, occupational therapist, physician assistant, etc. Students in this program must have a strong foundation of the biological sciences and of chemistry (it is essential that students take biology and chemistry courses their first semester). The semester-by-semester plans described below are general guidance. Students should work closely with their academic advisors to develop a plan that best meets their own individual needs and goals.

PROGRAM OUTCOMES AND CURRICULUM MAP.

Minimum Credit Hours Required to Graduate = 60

Semester 1		16-18 hours
Course No.	Course Title	Credit
*BIOL-114	Biology I.....	4
*MATH-108	College Algebra or higher.....	3
**CHEM-109	College Chemistry I.....	5
*	Student Success Requirement.....	1
***	Program Elective Course (select from list below).....	3-5

Semester 2		16 hours
Course No.	Course Title	Credit
*ENGL-101	English I.....	3
**CHEM-110	College Chemistry II.....	5
*BIOL-115	Biology II.....	4
*	Humanities & Fine Arts Requirement.....	3
*	Open Elective.....	1

Semester 3		15-20 hours
Course No.	Course Title	Credit
*ENGL-102	English II.....	3
*PSYC-101 or SOCI-102	General Psychology or Introduction to Sociology.....	3
***	Program Elective Course (select from list below).....	3-5
***	Program Elective Course (select from list below).....	3-5
*	Open Elective.....	1
*	Personal Wellness Requirement.....	2-3

Semester 4		14-16 hours
Course No.	Course Title	Credit
*COMM-101	Public Speaking.....	3
*	Social Science Requirement.....	3
*	Humanities & Fine Arts Requirement.....	3
***	Program Elective Course (select from list below).....	3
*	Open Elective.....	3-5

*** PROGRAM ELECTIVE COURSES

Course No.	Course Title	Credit
BIOL-110	Special Topics in Science.....	2
BIOL-210	Anatomy & Physiology.....	5
BIOL-211	Anatomy & Physiology I.....	4
BIOL-212	Anatomy & Physiology II.....	4
BIOL-213	Microbiology.....	5
BIOL-1102	Cadaver Dissection.....	2
CHEM-206	Organic Chemistry I.....	5
CHEM-207	Organic Chemistry II.....	5
EMIC-104	Medical Terminology.....	3
MATH-109	Plane Trigonometry.....	3
MATH-110	Fundamentals of Statistics.....	3
MATH-120	Pre-Calculus.....	3
MATH-122	Calculus & Analytical Geometry I.....	5
PHYS-205	General Physics I.....	5

PHYS-206	General Physics II.....	5
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* CORE CURRICULUM REQUIREMENT
Communications, Mathematics & Natural Sciences, Social Sciences, Humanities & Fine Arts, Personal Wellness, Student Success

** REQUIRED PROGRAM COURSE

*** PROGRAM ELECTIVE COURSE
Other courses are subject for approval with submission of Graduation Substitution form.