



Transfer Guide
Associate in Arts – Liberal Arts & Sciences
BS-Biology



KCKCC—Fall Semester 1	Hrs	KCKCC—Spring Semester 1	Hrs	KCKCC—Summer Semester 1	Hrs
BIOL 135 Cell & Molecular Biology	4	BIOL 225 Diversity of Organisms	5		
BLUE 101 Freshman Seminar	1	CHEM 111 College Chemistry I/Lab	5		
ENGL 101 Composition I	3	Humanities Course*	3		
MATH 108 Precalculus Math	5	ENG 102 Composition II	3		
	13		16		

KCKCC—Fall Semester 2	Hrs	KCKCC—Spring Semester 2	Hrs	KCKCC—Summer Semester 2	Hrs
COMS 151 Public Speaking OR COMS 201 Interpersonal Communication	3	Social Science Course^	3		
BIOL 240 Intro to Genetics	4	MATH 122 Calculus & Analytical Geo I	3		
CHEM 112 College Chemistry II/Lab	5	Foreign Language Requirement**	5		
Social Science Course^	3	Humanities Course*	3		
		Elective	2		
	15		16		

UMKC—Fall Semester 3	Hrs	UMKC—Spring Semester 3	Hrs	UMKC—Summer Semester 3	Hrs
CHEM 321/321L Organic Chemistry I/Lab	4	CHEM 322R/322L Organic Chemistry II/Lab	4		
PHYSICS 210 General Physics I OR PHYSICS 240 Physics for Sci & Eng I	4-5	PHYSICS 220 General Physics II OR PHYSICS 250 Physics for Sci & Eng II	4-5		
BIOLOGY 250 Careers/Bio & Chem Sci OR LIFE-SCI 201 Careers in Health I	1	BIOLOGY 202 Cell Biology	3		
BIOLOGY 300/400 Major Elective	3	BIOLOGY 300/400 Major Elective	3		
MATH 220 Calculus II OR STAT 235 Elementary Statistics OR BIOLOGY 304 Biostatistics 1	3-4				
	15-17		14-15		

UMKC—Fall Semester 4	Hrs	UMKC—Spring Semester 4	Hrs	UMKC—Summer Semester 4	Hrs
BIOLOGY 498WI Crit Analysis/Bio Iss OR LIFE-SCI 497 Directed Studies-Bio Sci OR LIFE-SCI 499 Ugrad Research-Bio Sci	3	BIOLOGY 300/400 Major Elective	3		
BIOLOGY 300/400 Major Laboratory Elective	3	BIOLOGY 300/400 Major Elective	3		
BIOLOGY 441 Biochemistry	3	BIOLOGY 300/400 Major Elective	1		
General Elective 300/400 level	3	General Elective	3		
General Elective 300/400 level	3	Biology Lab Elective	2		
		General Elective (if needed)	4		
	15		16		

*Students must take 6 hours from three different disciplines: Art/Humanities, History, Literature, Music, Philosophy or Theater, excluding performance courses.

^Students must take 6 hours from two different disciplines: Anthropology, Economics, Geography, Political Science, Psychology or Sociology.

**Required for AA in Liberal Arts & Sciences Degree at KCKCC.

❖ Please note BIOL 135 Cell & Molecular Biology at KCKCC and BIOLOGY 202 Cell Biology at UMKC are not the same course.