



## Transfer Guide Associate of Science BA-Biology



JCCC—Fall Semester 1		Hrs	JCCC—Spring Semester 1		Hrs	JCCC—Summer Semester 1		Hrs
BIOL 135 Prin of Cell & Molecular Biology	4		BIOL 150 Biology of Organisms	5				
MATH 171 College Algebra OR 173 Precalc	3-5		CHEM 124/125 Gen Chemistry I & lab	5				
ENGL 121 Composition I	3		Social & Behavioral Sciences Course	3				
Arts & Humanities Course	3		ENGL 122 Comp II OR ENGL 123 Tech Writing	3				

JCCC—Fall Semester 2		Hrs	JCCC—Spring Semester 2		Hrs	JCCC—Summer Semester 2		Hrs
Math 181 Statistics	3		BIOL 205 General Genetics	4				
CHEM 131/132 Gen Chemistry II & lab	5		Cultural Diversity Course	3		-		
COMS 120 or 121 Communication course	3		Social & Behavioral Sciences Course	3				
Arts & Humanities Course	3		General Elective	3				
General Elective	3		General Elective (if needed for AS degree)	3				

UMKC—Fall Semester 3		Hrs	UMKC—Spring Semester 3		Hrs	UMKC—Summer Semester 3		Hrs
BIOLOGY 405 Intro to Evolution (or Biology 300/400 major elective)	3		BIOLOGY 302 General Ecology	3				
BIOLOGY 250 or LIFE-SCI 201 Careers I	1		CHEM 320 Elem Organic Chemistry & lab	4				
PHYSICS 210 General Physics I or PHYSICS 240 Physics for Scientists and Engineers I	4-5		BIOLOGY 300/400 Major Elective	3				
General Elective	3		General Elective 300/400 level	3				
General Elective	3		General Elective 300/400 level	3				

UMKC—Fall Semester 4		Hrs	UMKC—Spring Semester 4		Hrs	UMKC—Summer Semester 4		Hrs
General Elective	3		BIOLOGY 498WI or LIFE-SCI 497 or LIFE-SCI 499	3				
BIOLOGY 300/400 Major Elective	3		BIOLOGY 300/400 Major Elective	3				
BIOLOGY 300/400 Major Elective	3		General Elective 300/400 level	3				
General Elective	3		General Elective	3				
General Elective	3		General Elective	3				

**Note:** To be exempt from the UMKC Essentials or Missouri Core 42 general education requirements, JCCC students are encouraged to complete the Associate of Science degree.

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