



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 MATH 173 Precalculus	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 161 Elementary Statistics	3	BIOL 205 General Genetics	4		
CHEM 131/132 Gen Chemistry II & lab	5	Cultural Diversity Course	3		
COMS 120 or 121 Communications 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 (<i>or Biology 300/400 major elective</i>)	3	BIOLOGY 302 General Ecology	3		
BIOLOGY 250 Careers in Bio & Chem Sci or LIFE-SCI 201 Careers in Health I	1	CHEM 320 Elem Organic Chemistry & Lab	4		
PHYSICS 210 General Physics I or PHYSICS 240 Physics for Sci 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 Critical Analysis/Bio Issues or LIFE-SCI 497 Directed Studies-Bio Sciences or LIFE-SCI 499 Undergrad Research-Bio Sci	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		

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

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