



Transfer Guide Associate of Science BS Mathematics & Statistics



JCCC—Fall Semester 1		Hrs	JCCC—Spring Semester 1		Hrs	JCCC—Summer Semester 1		Hrs
Natural or Physical Science with lab*	4-5		MATH 241 Calculus I	5		General Elective (if needed for AS degree)	3	
MATH 173 Precalculus	5		Natural or Physical Science course	3-5				
ENGL 121 Composition I	3		Social & Behavioral Sciences course	3				
Humanities Course	3		ENGL 122 Comp II OR ENGL 123 Tech Writing	3				

JCCC—Fall Semester 2		Hrs	JCCC—Spring Semester 2		Hrs	UMKC—Summer Semester 2		Hrs
MATH 242 Calculus II	5		MATH 243 Calculus III	5				
Social & Behavioral Sciences course	3		Cultural Diversity course	3				
COMS 120 or 121 Communication course	3		MATH 181 Statistics	3				
Humanities course	3		General Elective (if needed for AS degree)	3				

UMKC—Fall Semester 3		Hrs	UMKC—Spring Semester 3		Hrs	UMKC—Summer Semester 3		Hrs
MATH 301 On Solid Ground: Sets and Proof	3		MATH 410 Abstract Algebra	3				
MATH 300 Linear Algebra I	3		MATH or STAT 3XX/4XX Major Elective (MATH 469 or STAT 496 recommended)	3				
STAT 436 Introduction to Mathematical Statistics I	3		MATH or Science Elective Course (STAT 441^)	3				
MATH or Science Elective (MATH 406 or 407^)	3		General Elective (FIN 325^)	3				
MATH or Science Elective course	3		General Elective (ECON 202^)	3				

UMKC—Fall Semester 4		Hrs	UMKC—Spring Semester 4		Hrs	UMKC—Summer Semester 4		Hrs
MATH 420 (or MATH or STAT 3XX/4XX Major Elective, if took MATH 410)	3		MATH or STAT 3XX/4XX Major Elective	3				
MATH 402 Advanced Analysis I	3		3XX/4XX WI Writing Intensive course (MATH 464WI recommended)	3				
MATH or STAT 3XX/4XX Major Elective (MATH 434 recommended)	3		General Elective (300/400 level if needed)	3				
3XX/4XX General Elective (STAT 480^)	3		General Elective	3				
3XX/4XX General Elective (FIN 345^)	3		General Elective	3				

*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.

^Courses required for Actuarial Science minor

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