



Transfer Guide

Associate of Science

BA 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		3
MATH 173 Precalculus		5	Natural or Physical Science		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	MATH 181 Statistics		3			
COMS 120 or 121 Communication course		3	General Elective		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 or STAT 441 (or any MATH or STAT 3XX/4XX Major Elective)		3			
MATH 300 Linear Algebra I		3	General Elective (ECON 202 [^])		3			
STAT 436 Introduction to Mathematical Statistics I		3	General Elective (STAT 441 [^])		3			
General Elective (ECON 201 [^])		3	General Elective (ACCTG 210 [^])		3			
General Elective (STAT 340, 355, 360 for Data Analytics minor)		3	MATH or Science Elective		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 469 or STAT 496 (or any 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 406 or 407 (or any MATH or STAT 3XX/4XX Major Elective)		3	3XX/4XX General Elective (FIN 345 [^])		3			
3XX/4XX General Elective (STAT 480 [^])		3	3XX/4XX General Elective		3			
3XX/4XX General Elective (FIN 325 [^])		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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