



2025-2026 Transfer Guide Associate in Arts BS-Chemistry



MCC—Fall Semester 1		Hrs	MCC—Spring Semester 1		Hrs	MCC—Summer Semester 1		Hrs
CHEM 111 General College Chemistry I		5	ENGL 102 Composition & Reading II		3			
COMM 100 or COMM 102 Oral Communication		3	HIST 120 or HIST 121 or POLS 136		3			
ENGL 101 Composition & Reading I		3	CHEM 112 General College Chemistry II		5			
MATH 150 Precalculus		5	MATH 180 Analytic Geometry and Calculus I		5			

MCC—Fall Semester 2		Hrs	MCC—Spring Semester 2		Hrs	MCC—Summer Semester 2		Hrs
MATH 190 Analytic Geometry and Calculus II		5	MATH 210 Analytic Geometry and Calculus III		5			
HIST 133 or HIST 134 Western Civ. req		3	PHYS 220 Engineering Physics I		5			
Arts and Humanities Course		3	Arts and Humanities Course		3			
Social & Behavioral Science course		3	Social & Behavioral Science Course		3			
Literature or Philosophy Course		3						

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 and Lab		4			
PHYSICS 250 Physics for Sci & Engineers II		5	CHEM 442R Analytical Chemistry I: Instrumental Analysis		3			
BIOLOGY 250 or LIFE-SCI 201 Careers I		1	BIOLOGY 251 or LIFE-SCI 202 Careers II		1			
CHEM 341WI Analytical Chemistry I		4	General Elective		3			
			General Elective		3			

UMKC—Fall Semester 4		Hrs	UMKC—Spring Semester 4		Hrs	UMKC—Summer Semester 4		Hrs
CHEM 431 Physical Chemistry I		3	CHEM 432 Physical Chemistry II		3			
CHEM 382 Inorganic and Organic Synthesis		2	CHEM 437WI Experimental Physical Chemistry I		3			
CHEM 367 Bioorganic Chemistry or BIOLOGY 441 Biochemistry		3	CHEM 451R Inorganic Chemistry		3			
CHEM 410 Chemical Literature		1	CHEM/BIO/PHYSICS/MATH 3XX/4XX Major Elective		3			
CHEM 471 Intro to Polymer Chemistry		3						
General Elective		3						

To satisfy the AA global diversity requirement, make sure that one of your arts/humanities or social/behavioral sciences courses also has the diversity designation.

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