



2025-2026 Transfer Guide

Associate in Arts BA-Physics



MCC—Fall Semester 1	Hrs	MCC—Spring Semester 1	Hrs	MCC—Summer Semester 1	Hrs
ENGL 101 Composition & Reading I	3	ENGL 102 Composition & Reading II	3	MATH 190 Analytic Geometry & Calculus II	5
COMM 100 or COMM 102 Oral Communication	3	Social and Behavioral Science Course	3		
Arts and Humanities Course	3	PHYS 220 Engineering Physics I	5		
MATH 150 Precalculus	5	MATH 180 Analytic Geometry & Calculus I	5		

MCC—Fall Semester 2	Hrs	MCC—Spring Semester 2	Hrs	MCC—Summer Semester 2	Hrs
MATH 210 Analytic Geometry & Calculus III	5	Literature or Philosophy Course	3		
HIST 133 or HIST 134 Western Civilization	3	Social and Behavioral Science Course	3		
HIST 120 or HIST 121 or POLS 136	3	CHEM 111 General College Chemistry I	5		
PHYSICS 221 Engineering Physics II	5	Arts and Humanities Course	3		

UMKC—Fall Semester 3	Hrs	UMKC—Spring Semester 3	Hrs	UMKC—Summer Semester 3	Hrs
PHYSICS 310 Mechanics I	3	PHYSICS 350 Modern Physics with Engineering Applications	3		
PHYSICS 3XX/4XX Major Elective	3	PHYSICS 385L or 395L or 476LW	3		
PHYSICS 330 Methods of Theoretical Physics I	3	PHYSICS 3XX/4XX Major Elective (<i>PHYSICS 420 Optics recommended</i>)	3		
General Elective	3	General Elective	3		
General Elective	3	General Elective	3		

UMKC—Fall Semester 4	Hrs	UMKC—Spring Semester 4	Hrs	UMKC—Summer Semester 4	Hrs
PHYSICS 472 Intro. To Quantum Mechanics	3	PHYSICS 3XX/4XX Major Elective	3		
PHYSICS 3XX/4XX Major Elective	3	3XX/4XX General Elective (<i>Writing Intensive if needed</i>)	3		
3XX/4XX General Elective	3	3XX/4XX General Elective	3		
3XX/4XX General Elective	3	General Elective	1		
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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