



2025-2026 Transfer Guide

Associate in Arts BS-Physics



MCC—Fall Semester 1	Hrs	MCC—Spring Semester 1	Hrs	MCC—Summer Semester 1	Hrs
HIST 120 U.S. or HIST 121 U.S. or POLS 136	3	ENGL 102 Composition & Reading II	3	Arts and Humanities Course	3
COMM 100 or COMM 102 Oral Communication	3	Social and Behavioral Science Course	3		
ENGL 101 Composition & Reading I	3	PHYS 220 Engineering Physics I	5		
MATH 180 Analytic Geometry & Calculus I	5	MATH 190 Analytic Geometry & Calculus II	5		

MCC—Fall Semester 2	Hrs	MCC—Spring Semester 2	Hrs	MCC—Summer Semester 2	Hrs
CHEM 111 General College Chemistry I	5	Arts and Humanities Course	3		
MATH 210 Analytic Geometry & Calculus III	5	PHYS 221 Engineering Physics II	5		
HIST 133 or HIST 134 Western Civilization	3	CHEM 112 General College Chemistry II	5		
Literature or Philosophy Course	3	Social and Behavioral Science Course	3		

UMKC—Fall Semester 3	Hrs	UMKC—Spring Semester 3	Hrs	UMKC—Summer Semester 3	Hrs
PHYSICS 310 Mechanics I	3	PHYSICS 311 Mechanics II	3		
PHYSICS 330 Methods of Theoretical Physics I	3	PHYSICS 350 Modern Physics with Engineering Applications	3		
PHYSICS 385L Physics of Electronics	3	PHYSICS 395L Computer Facing Laboratory	3		
General Elective	3	PHYSICS 410 Thermal Physics	3		
General Elective	3	General Elective	3		

UMKC—Fall Semester 4	Hrs	UMKC—Spring Semester 4	Hrs	UMKC—Summer Semester 4	Hrs
PHYSICS 460 Electricity and Magnetism I	3	PHYSICS 420 Optics	3		
PHYSICS 472 Intro. To Quantum Mechanics	3	PHYSICS 461 Electricity and Magnetism II	3		
PHYSICS 476LW Advanced Laboratory	3	General Elective	3		
General Elective	3	General Elective	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.

UMKC School of Science & Engineering · SS&C Student Services Center
 336 Flarsheim Hall · 5110 Rockhill Road
 816-235-2399 · sse@umkc.edu · sse.umkc.edu

Metropolitan Community College
 Blue River · Longview · Maple Woods · Penn Valley
 816-604-1000 · www.mcckc.edu/advising