



## 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				
General Elective	3		PHYSICS 476LW Advanced Laboratory	3				
General Elective	3		General Elective	3				
General Elective	3		General Elective	1-3				

*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.mckc.edu/advising