

MCC—Fall Semester 1		Hrs	MCC—Spring Semester 1		Hrs	MCC—Summer Semester 1		Hrs
HIST 120 or HIST 121 U.S. or POLS 136		3	ENGL 102 Composition & Reading II		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
PHYS 221 Engineering Physics II		5	Arts and Humanities Course		3			
MATH 210 Analytic Geometry & Calculus III		5	CSIS 123 Programming Fundamentals		3			
HIST 133 or HIST 134 Western Civilization		3	CHEM 111 College Chemistry I		5			
Literature or Philosophy Course		3	Social and Behavioral Science Course		3			
			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 311 Mechanics II		3			
PHYSICS 330 Methods of Theoretical Physics I		3	PHYSICS 350 Modern Physics with Engineering Applications		3			
ASTR 355 Stellar Astrophysics or ASTR 356 Galaxies		3	ASTR 353 Practical Astronomy or PHYSICS 410 Thermal Physics		3			
General Elective (ASTR 150 or 155*)		3	General Elective (ASTR 150 or 155*)		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	ASTR 465 Cosmology		3			
PHYSICS 472 Intro. To Quantum Mechanics		3	PHYSICS 461 Electricity and Magnetism II		3			
ASTR 355 Stellar Astrophysics or ASTR 356 Galaxies		3	General Elective		3			
PHYSICS 395L Computer Interfacing Laboratory or PHYSICS 476LW Advanced Laboratory		3	General Elective		3			
General Elective		3	General Elective		3			

*Recommended course

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.mccck.edu/advising