

Associate in Arts Years 1 and 2 at Metropolitan Community College

General Education Requirements		Credits	
American Institutions			
HIST 120	American History I <i>or</i>	3	
HIST 121	American History II		
POLS 135	Introduction to Political Science <i>or</i>	3	
POLS 136	Introduction to American National Politics <i>or</i>		
POLS 137	Introduction to State and Local Politics		
Communications			
ENGL 101	Composition and Reading I	3	
ENGL 102	Composition and Reading II	3	
SPDR 100	Fundamentals of Speech <i>or</i>	3	
SPDR 102	Fundamentals of Human Communication		
Mathematics			
MATH 180	Analytic Geometry and Calculus I	5	
Humanities (3 courses, 3 areas of study, 1 course must be Lit. or Phil.)			
Art, Music, <i>or</i> Theatre:			
ART 108	Survey of Art <i>or</i>	9-11	
ART 150	History of Art I <i>or</i>		
ART 151	History of Art II <i>or</i>		
MUSI 108	Music Appreciation <i>or</i>		
SPDR 114	Theatre and the Western World		
Literature:			
ENGL 124	Introduction to Literature <i>or</i>		
ENGL 130	Shakespeare <i>or</i>		
ENGL 150	World Literature I <i>or</i>		
ENGL 151	World Literature II <i>or</i>		
ENGL 165	Masterpieces of American Literature <i>or</i>		
ENGL 220	British Literature to 1750 <i>or</i>		
ENGL 221	British Literature 1750 to Present <i>or</i>		
ENGL 222	American Literature to 1860 <i>or</i>		
ENGL 223	American Literature 1860 to Present		
Philosophy:			
PHIL 100	Introduction to Philosophy <i>or</i>		
PHIL 101	Philosophy of Religion <i>or</i>		
PHIL 200	Logic <i>or</i>		
PHIL 201	History of Philosophy I <i>or</i>		
PHIL 203	Ethics		
Foreign Language:			
Foreign Language 101 <i>or</i>			
Foreign Language 102 <i>or</i>			
Foreign Language 203			
Natural Sciences (2 courses, 1 biological and 1 physical)			
BIOL 101	General Biology <i>or</i>	5	
BIOL 104	General Botany <i>or</i>		
BIOL 106	General Zoology		
CHEM 111	General College Chemistry I	5	

Social Sciences (2 courses, 2 areas of study)			
Anthropology:			
ANTH 100	General Anthropology	6	
Economics:			
ECON 110	Introduction to Economics <i>or</i>		
ECON 210	Macroeconomics <i>or</i>		
ECON 211	Microeconomics		
Geography:			
GEOG 105	World Geography <i>or</i>		
GEOG 114	Introduction to Geography		
Political Science:			
POLS 135	Introduction to Political Science		
Psychology:			
PSYC 140	General Psychology		
Sociology:			
SOCI 160	Sociology <i>or</i>		
SOCI 170	General Anthropology		
Total General Education Courses		42	
The 42 hours listed above will comprise MCC's 42 hour general education block.			
CSIS 110 <i>or</i> higher numbered CSIS course		3	
Electives (courses must be numbered 100 or higher) - 17-19 credits			
CHEM 112	General College Chemistry II	5	
MATH 190	Analytic Geometry and Calculus II	5	
PHYS 220	Engineering Physics I	5	
PHYS 221	Engineering Physics II	5	
From the following courses, choose courses to total a maximum of 65 credits for the degree.			
If not completed as part of the Humanities requirement, satisfactorily complete the first year of a single foreign language (FL 102), or demonstrate elementary proficiency as determined by a CLEP examination.			
Foreign Language 101		5	
Foreign Language 102			
Foreign Language 203			
Total Credits Required		62	
Student must complete a Writing Intensive course AND either a Human Diversity course or Learning Community as part of the General Education Requirements.			

Bachelor of Science in Physics Years 3 and 4 at Truman State University

General Education		Credits
Interdisciplinary, Writing-Enhanced Junior Seminar (JINS)		3
Bachelor of Science Requirements – 7-8 hours Complete the following courses, if not completed as electives at MCC		
CHEM 121	General Chemistry II	4
MATH 357	Linear Algebra	3
Required Support – 9 hours		
MATH 234	Analytic Geometry & Calculus III	3
MATH 365	Ordinary Differential Equations	3
STAT 290	Statistics	3
Major Requirements – 38 hours		
PHYS 250	Modern Physics I	3
PHYS 251	Modern Physics II	3
PHYS 275	Vibrations and Waves	3
PHYS 320	Electronics	3
PHYS 345	Junior Seminar	1
PHYS 382	Mathematical Physics	3
PHYS 386	Classical Mechanics	3
PHYS 388	Advanced Laboratory	3
PHYS 482	Electricity and Magnetism	3
PHYS 486	Thermodynamics and Statistical Mechanics	3
PHYS 490	Senior Research I	3
PHYS 491	Senior Research II	1
PHYS 518	Advanced Topics	3
PHYS 580	Quantum Mechanics	3
Writing Enhanced Requirement		
<i>Complete at least two additional courses at Truman, in addition to the JINS course, that are listed as Writing-Enhanced. These courses may be used to fulfill other requirements.</i>		
Total Credits Required		124