

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) - 13-17 credits	
CHEM 112 General College Chemistry II	5
CHEM 221 Organic Chemistry I	5
CHEM 222 Organic Chemistry II	5
MATH 190 Analytic Geometry and Calculus II	5
From the following courses, choose courses to total a maximum of 65 credits for the degree.	3
If not completed as part of the Humanities requirement, satisfactorily complete the first year of a single foreign language (FL 102), <i>or</i> demonstrate elementary proficiency as determined by a CLEP examination, or successfully complete an intermediate or higher level foreign language course.	
Foreign Language 101	
Foreign Language 102	
Foreign Language 203	
Total Credits Required	
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 Chemistry
Years 3 and 4
at Truman State University**

General Education		Credits
Interdisciplinary, Writing-Enhanced Junior Seminar (JINS)		3
Required Support		
PHYS 195	Physics with Calculus I <i>or</i>	5
PHYS 185	College Physics I	
Bachelor of Science Requirements – 7-8 hours		
MATH 234	Analytic Geometry & Calculus III	3
PHYS 196	Physics with Calculus II <i>or</i>	4-5
PHYS 186	College Physics II	
Major Requirements – 31 hours		
CHEM 222	Introduction to Quantitative Analysis	4
CHEM 322	Instrumental Analysis	4
CHEM 323	Physical Chemistry I	3
CHEM 324	Physical Chemistry I Lab	1
CHEM 325	Physical Chemistry II	3
CHEM 326	Physical Chemistry II Lab	1
CHEM 375	Junior Seminar	1
CHEM 421	Biochemistry (WE)	4
CHEM 445	Senior Seminar	1
CHEM 475	Inorganic Chemistry	4
CHEM 476	Inorganic Chemistry Lab (WE)	2
Complete one course from the following:		1-3
CHEM 422	Advanced Topics in Organic Chemistry	
CHEM 430	Advanced Physical Chemistry	
CHEM 431	Advanced Analytical Chemistry	
CHEM 443	Chemistry Research III	
CHEM 518	Advanced Topics	
Writing Enhanced Requirement		
Students who complete CHEM 421, CHEM 476, and the JINS course at Truman will fulfill the writing-enhanced requirement.		
Total Credits Required		124