

2 + 2 Joint Articulation Transfer Agreement

Bachelor of Science in Chemistry (Basic Chemistry Emphasis)

Colorado State University – Pueblo And Morgan Community College

B.S. Requirements at CSU-Pueblo			A.S. Requirements at MCC		
Lower Division General Education Requirements			Equivalent Courses at MCC		
Course #	Course Title	Credits	Course #	Course Title	Credits
ENG 101	Composition I	3	ENG 121	English Composition I	3
ENG 102	Composition II	3	ENG 122	English Composition II	3
			*COM 115	*Public Speaking *See Free Elective Section	(3)
Humanities	Select from statewide Gen Ed Core	9	Humanities	Select from statewide Gen Ed Core	9
Social Science	Select from statewide Gen Ed Core	6	Social Science	Select from statewide Gen Ed Core	6
History	Select from Statewide Gen Ed Core	3	History	Select from Statewide Gen Ed Core	3
MATH 126	Calculus & analytic Geometry I	5	MAT 201	Calculus I	5
Physical and Life Sciences			Physical and Life Sciences		
CHEM 121/L and CHEM 122/L	General Chemistry I and General Chemistry II	5 5	CHE 111 and CHE 112	General College Chemistry I and General College Chemistry II	5 5
Subtotal		39	Subtotal		39
Required Chemistry Core Courses			Equivalent Courses at MCC		
CHEM 121/L	General Chemistry I/Lab	(5)	CHE 111	General College Chemistry I (see statewide Gen Ed Core)	(5)
CHEM 122/L	General Chemistry II/Lab	(5)	CHE 112	General College Chemistry II (see statewide Gen Ed Core)	(5)
CHEM 221/L	Inorganic Chemistry/Lab	3			
CHEM 301/L	Organic Chemistry I/Lab	5			
CHEM 302/L	Organic Chemistry II/Lab	5			
CHEM 317/L	Quantitative Analysis/Lab	5			
CHEM 321	Physical Chemistry I	3			
CHEM 322	Physical Chemistry II	3			
CHEM 419/L	Instrumental Analysis/Lab	5			
CHEM 493	Seminar	1			
Subtotal		30	Subtotal		0
Basic Chemistry Emphasis Requirements			Equivalent Courses at MCC		
CHEM 323	Experimental Physical Chemistry	2			
Elective	Approved Chemistry Elective	3			
Subtotal		5	Subtotal		
Additional Major Requirements			Equivalent Courses at MCC		
MATH 126	Calculus & Analytic Geometry I	(5)	MAT 201	Calculus I	(5)
MATH 224	Calculus & Analytic Geometry II	5	MAT 202	Calculus II	5
PHYS 221/L	General Physics I/Lab	5	PHY 211	Physics: Calculus-based I	5
PHYS 222/L	General Physics II/Lab	5	PHY 212	Physics: Calculus-based II	5
Subtotal		15	Subtotal		15

Approved Minor					
Minor	Choose advisor approved minor	20			
Subtotal		20			
Additional Degree Requirements			Equivalent Courses at MCC		
Free Electives	May be any academic discipline	11	*COM 115	*Public Speaking *3 credits carried over from the Gen Ed Core	3
			A.S. Electives	Choose 3 credits from the A.S. approved list to complete the A.S. degree	3
Subtotal		11			6
Total Credits for A.S.					60
Total Transfer Credit Accepted for A.S.					60
Total Additional Credit Required for B.S.					60
Total B.S. Degree Requirements					120

Students who successfully complete this program as specified are eligible to apply for a *Destination CSU-Pueblo* scholarship.

This articulation transfer agreement replaces all previous agreements between MCC and CSU-Pueblo in Bachelor of Science in Chemistry (Basic Chemistry Emphasis). This agreement will be reviewed annually and revised (if necessary) as mutually agreed.

cam: 12/26/09
revised: 06/13/10