2 + 2 Joint Articulation Transfer Agreement

Bachelor of Science in Chemistry (Basic Chemistry Emphasis)

Colorado State University – Pueblo And Red Rocks Community College

B.S. Requirements at CSU-Pueblo			A.S. Requirements at RRCC		
	ion General Education Require	Equivalent Courses at RRCC			
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
Humanities	Select from statewide Gen Ed Core	9	Humanities	Select from statewide Gen Ed Core	6
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			Physical and		
Life Sciences			Life Sciences		
CHEM 121/L	General Chemistry I	5	CHE 111	General College Chemistry I	5
and	and		and	and	
CHEM 122/L	General Chemistry II	5	CHE 112	General College Chemistry II	5
Subtotal 39			Subtotal		36
Required Ch	emistry Core Courses		Equivalent C	Courses at RRCC	
CHEM 121/L	General Chemistry I/Lab	(5)	CHE 111	General College Chemistry I	(5)
CHEM 122/L	General Chemistry II/Lab	(5)	CHE 112	General College Chemistry II	(5)
CHEM 221/L	Inorganic Chemistry/Lab	3			
CHEM 301/L	Organic Chemistry I/Lab	5	*CHE 211	*Organic Chemistry I	5
				*course is academically equivalent,	
				but cannot be counted toward	
				Upper Division credit	
CHEM 302/L	Organic Chemistry II/Lab	5	*CHE 212	*Organic Chemistry II	5
				*course is academically equivalent,	
				but cannot be counted toward	
				Upper Division credit	
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 10			
	stry Emphasis Requirements		Equivalent C	Courses at RRCC	
CHEM 323	Experimental Physical Chemistry	2			
Elective	Approved Chemistry Elective	3			
Subtotal 5		5	Subtotal		
Additional Major Requirements			Equivalent Courses at RRCC		
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 M	linor					
Minor	Choose advisor approved	20				
	minor					
Subtotal		20				
Additional Degree Requirements			Equivalent	Equivalent Courses at RRCC		
Free Electives	May be any academic discipline Students must be sure to select enough Upper Division credits to meet the 40 hours of Upper Division credit for graduation	11				
Subtotal		11				
Total Credits for A.S.						
Total Transfer Credit Accepted for A.S.						
Total Additional Credit Required for B.S.						
Total B.S. Degree Requirements						

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 RRCC 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: 12/03/09 revised: 06/06/10