

TRANSFER GUIDE
Chemistry
Western State College of Colorado
2008-2009

Section I: Degree/Program Requirements

A. Institutional graduation requirements for this degree program.

The graduation requirements for a transfer student pursuing this major will be no different than the graduation requirements for a native student, including the minimum number of semester credits required for graduation. Specifically, the student must meet the following requirements:

- Complete 120 credits;
- Successfully complete the required 60 credits in the major, including 41 credits in Chemistry and a minimum of 19 credits in supporting courses;
- Successfully complete at least 15 upper-division courses in the major;
- Successfully complete at least 40 upper-division credits.

B. Required courses in major, including pre-requisites and required supporting courses, as listed in the chart below:

Community College Required Courses: Required courses to be taken as part of AA/AS degree to guarantee the completion a baccalaureate degree in 60 additional credits after transfer.						
CHE 111		General College Chemistry I	5	credits		
CHE 112		General College Chemistry II	5	credits		
MAT 201		Calculus I	5	credits		
PHY 211		Physics: Calculus-Based I with Lab	5	credits		
Degree Program Requirements						
	Course Number	Course Name	Credits	CC Course Number	CC Course Name (recommend these courses be taken while at CC)	CC Credit Hours
Required Major Courses						
	CHEM 250	Environmental Chemistry	3			
	CHEM 306	Analytical Chemistry (with lab)	4			
	CHEM 331	Organic Chemistry I	3			
	CHEM 332	Organic Chemistry II	3			
	CHEM 334	Organic Chemistry Laboratory I	1			
	CHEM 401	Instrumental Analysis	2			
	CHEM 402	Instrumental Laboratory	2			
	CHEM 451	Physical Chemistry I	3			
	CHEM 452	Physical Chemistry II	3			
	CHEM 454	Physical Chemistry Laboratory	2			
	CHEM 461	Advanced Inorganic Chemistry	3			
	CHEM 494	Research Problems in Chemistry	2			

Required Supporting Courses						
	MATH 251	Calculus II	4	MAT 202	Calculus II	5
	PHYS 201	General Physics II (with laboratory)	5	PHY 212	Physics: Calculus Based II with Lab	5
	SCI 202	Scientific Writing	3			
Other graduation requirements			17			
Graduation Requirements beyond AA/AS degree			60			
Associate of Arts/Science Degree			60			
TOTAL GRADUATION REQUIREMENTS			120			

Section II: Transfer of Credit

- A. Grade Eligibility. Only academic courses with a letter grade of "C-" or better are transferable. Western will accept and count toward meeting graduation requirements all state guaranteed general education courses that have a grade of C- or better.
- B. Western accepts scores of 4 and above on advanced placement tests and scores of 4 and above earned on international baccalaureate tests.
- C. Western will accept all approved credits earned within ten years of transfer. Courses earned more than ten years earlier may be evaluated on an individual basis.
- D. Western may apply a state guaranteed general education course toward the major or other graduation requirements if that facilitates the student's graduation more effectively.

Section III: Appeals Process

- A. Institutional Appeal Process. Students who follow this agreement shall have the right to appeal a transfer decision that appears to be inconsistent with the terms and courses listed in this agreement. Appeals pertaining to this transfer guide should be filed with the institution. A student may file an appeal that pertains to state guaranteed general education courses directly to CCHE.
- B. State Appeal. For information on the student appeal process, refer to Student Appeal Policy at <http://highered.colorado.gov/Publications/Policies/Current/i-partt.pdf> .

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