

**TRANSFER GUIDE**  
**Chemistry**  
**Western State College of Colorado**  
**2005-2006**

**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:

<b>Community College Required Courses:</b> 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 5 credits CHE 112 5 credits MAT 201 5 credits PHY 211 5 credits						
<b>Degree Program Requirements</b>						
	<b>Course Number</b>	<b>Course Name</b>	<b>Credits</b>	<b>CC Course Number</b>	<b>CC Course Name</b> (recommend these courses be taken while at CC)	<b>CC Credit Hours</b>
<b>Required Major Courses</b>						
	CHEM 250	Environmental Chemistry	3			
	CHEM 306	Quantitative Analysis	4			
	CHEM 331	Organic Chemistry	3			
	CHEM 332	Organic Chemistry	3			
	CHEM 334	Organic Chemistry Laboratory I	1			
	CHEM 401	Instrumental Analysis	2			
	CHEM 402	Instrumental Laboratory	2			
	CHEM 451	Physical Chemistry	4			
	CHEM 452	Physical Chemistry	4			
	CHEM 454	Physical Chemistry Laboratory	2			
	CHEM 461	Advanced Inorganic Chemistry	3			
	CHEM 494	Research Problems in Chemistry	2			

<b>Required Supporting Courses</b>						
	MATH 162	Calculus II	3	MAT 202	Calculus II	5
	PHYS 201	General Physics II (with lab)	5	PHY 212	Physics: Calculus Based II with Lab	5
	<i>One of the following:</i>		3			
	ENG 302	Technical Writing	3			
	SCI 202	Scientific Writing	3			
<b>Other graduation requirements</b>			16			
<b>Graduation Requirements beyond AA/AS degree</b>			60			
<b>Associate of Arts/Science Degree</b>			60			
<b>TOTAL GRADUATION REQUIREMENTS</b>			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 [www.state.co.us/cche/policy/q&aappeals](http://www.state.co.us/cche/policy/q&aappeals) or [www.state.co.us/cche/policy/l-partt.pdf](http://www.state.co.us/cche/policy/l-partt.pdf).

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