

**TRANSFER GUIDE**  
**Mathematics**  
**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 41 credits in the major;
- Successfully complete at least 15 upper-division courses in the major;
- Successfully complete at least 18 credits in the required minor; and
- Successfully complete at least 40 upper-division credits.

B. Required courses in the 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 the AA/AS degree to guarantee the completion a baccalaureate degree in 60 additional credits after transfer.						
None.						
<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>						
	CIS 190	Computer Science I	3	CSC 160	Computer Science I	4
	MATH 151	Calculus I	4	MAT 201	Calculus I	5
	MATH 220	Introduction to Advanced Mathematics	3			
	MATH 251	Calculus II	4	MAT 202	Calculus II	5
	MATH 252	Calculus III	4	MAT 203	Calculus III	5
	MATH 300	Introduction to Mathematical Modeling	3			
	MATH 360	Linear Algebra	3			
	MATH 370	History of Mathematics	3			
	MATH 451	Analysis I	3			
	MATH 471	Abstract Algebra I	3			
	MATH 495	Senior Seminar	2			

	<i>Two of the following:</i>		6			
	CIS 191	Computer Science II	3	CSC 161	Computer Science II	4
	MATH 213	Probability and Statistics	3	MTH 135	Introduction to Statistics	3
	MATH 354	Differential Equations	3			
	MATH 456	Introduction to Complex Analysis	3			
<b>Required Minor Courses</b>						
	Minimum of 18 credits		18			
<b>Other graduation requirements</b>			1			
<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 <http://higher.ed.colorado.gov/Publications/Policies/Current/i-partt.pdf>.

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