

TRANSFER GUIDE
Mathematics
Western State College of Colorado
2007-2008

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:

Community College Required Courses: 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.						
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						
	CIS 190	Computer Science I	3	CSC 160	Computer Science I	4
	MATH 161	Calculus I	3	MAT 201	Calculus I	5
	MATH 162	Calculus II	3	MAT 202	Calculus II	5
	MATH 220	Introduction to Advanced Mathematics	3			
	MATH 261	Calculus III	3	MAT 203	Calculus III	5
	MATH 262	Calculus IV	3			
	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			
Required Minor Courses						
	Minimum of 18 credits		18			
Other graduation requirements			1			
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 www.state.co.us/cche/policy/q&aappeals or www.state.co.us/cche/policy/l-partt.pdf.