

TRANSFER GUIDE
Geology
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 66 credits in the major including 39 credits in Geology and a minimum of 27 credits of supporting courses;
- Successfully complete at least 15 upper-division courses in the major; 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.						
CHE 111 General College Chemistry I		5 credits				
CHE 112 General College Chemistry II		5 credits				
MAT 201 Calculus I		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						
	GEOL 101	Physical Geology	3	GEY 111	Physical Geology	4
	GEOL 105	Physical Geology Laboratory	1	GEY 111	Physical Geology	4
	GEOL 201	Historical Geology (with laboratory)	4	GEY 121	Historical Geology	4
	GEOL 302	Geoscience Writing	2			
	GEOL 305	Mineralogy (with laboratory)	4			
	GEOL 310	Stratigraphy/Sedimentation (with laboratory)	4			
	GEOL 311	Igneous/Metamorphic Petrology (with laboratory)	4			

	GEOL 320	Geomorphology (with laboratory)	4			
	GEOL 345	Structural Geology (with laboratory)	4			
	GEOL 450	Field Geology	4			
	GEOL 495	Research Seminar in Geology (repeated for 2 credits)	2			
	<i>One of the following:</i>		3			
	GEOL 411	Research in Volcanology and Petrology (with laboratory)	3			
	GEOL 420	Research in Quaternary Geology (with laboratory)	3			
	GEOL 465	Research in Basin Analysis (with laboratory)	3			
Required Supporting Courses						
	MATH 251	Calculus II	4	MAT 202	Calculus II	5
	<i>One of the following:</i>		3			
	CIS 190	Computer Science I	3	CSC 160	Computer Science I	4
	GEOG 340	Introduction to Geographic Information Systems	3			
	MATH 213	Probability and Statistics	3	MAT 135	Introduction to Statistics	3
	MATH 252	Calculus III	4			
	<i>Either both:</i>		8			
	PHYS 170	Principles of Physics I (with laboratory)	4	PHY 111	Physics: Algebra Based I with Lab	5
	PHYS 171	Principles of Physics II (with laboratory)	4	PHY 112	Physics: Algebra Based II with Lab	5
	<i>Or both:</i>					
	PHYS 200	General Physics I (with laboratory)	5	PHY 211	Physics: Calculus Based I with Lab	5
	PHYS 201	General Physics II (with laboratory)	5	PHY 212	Physics: Calculus Based II with Lab	5
Other Graduation Requirements			6			
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://higherred.colorado.gov/Publications/Policies/Current/i-partt.pdf> .

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