

2008-2009 60 + TRANSFER GUIDE
CHEMISTRY: CHEMISTRY (ACS Certified)
UNIVERSITY OF NORTHERN COLORADO

Section I: Degree/Program Requirements

A. Institutional graduation requirements for this degree program.

The graduation requirement for a transfer student pursuing Chemistry: Chemistry (ACS Certified) will be no different than the graduation requirements for a native student, including the minimum number of semester hours required for graduation requirements. Specifically, the student must meet the following requirements.

- Complete at least 120 credit hours, and
- Successfully complete the required 56-59 credit hours in the major, with a grade of C or higher in all CHEM or CHED courses and
- Complete an assessment exam before graduation.
- Earn at least a 2.00 GPA in courses completed at UNC.

B. Required courses in Major, including pre-requisites and required Support courses in the chart below.

COMMUNITY COLLEGE REQUIRED COURSES: Required courses to be taken as part of AS degree to guarantee the completion of a baccalaureate degree in 60 additional credits after transfer. Required courses::20 credits

UNC	CC
CHEM 111	Che 111 General Chemistry I
CHEM 112	Che 112 General Chemistry II
CHEM 331	Che 211 Organic Chemistry I
CHEM 332	Che 212 Organic Chemistry II

CHEMISTRY: CHEMISTRY (ACS Certified)						
	UNC Course Number	UNC Course Name	UNC CH	CC Course Number	CC Course Name	CC CH
Required Major Courses			33			
	CHEM 281 or 481	Fundamentals of Biochemistry or General Biochemistry	3-5	Che 101, 102	Intro Chemistry I and II	10
	CHEM 321	Chemical Analysis	4			
	CHEM 421	Instrumental Analysis	4			
	CHEM 441	Inorganic Chemistry I	2			
	CHEM 442	Inorganic Chemistry II	2			
	CHEM 443	Inorganic Chemistry Laboratory	1			
	CHEM 451	Physical Chemistry I	4			
	CHEM 452	Physical Chemistry II	4			
	CHEM 453	Physical Chemistry I Laboratory	1			
	CHEM 454	Physical Chemistry II Laboratory	1			
	CHEM 499	Seminar and Research in Chemistry	2			
Required Supporting Courses			26			
	<i>Select the following:</i>					
	MATH 131	Calculus I	5	Mat 201	Calculus I	5
	MATH 132	Calculus II	5	Mat 202	Calculus II	5
	MATH 233	Calculus III	4	Mat 203	Calculus III	5
	PHYS 240	General Physics I	4	Phy 211	Physics: Calculus Based I	5
	PHYS 241	General Physics II	5	Phy 212	Physics: Calculus Based II	5
	SCI 291	Scientific Writing	3			

TOTAL MAJOR REQUIREMENTS		56-59			
University Electives		1-4			
GRADUATION REQUIREMENTS beyond AS degree		60			
ASSOCIATE OF 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. The four-year institution will accept and count toward meeting graduation requirements all state guaranteed general education courses that have a grade of C or better.
- B. UNC accepts some scores of 3 and accepts scores of 4 and above on Advanced Placement tests and scores of 4 and above earned on International Baccalaureate tests.
<http://www.unco.edu/admissions/advanced-placement.asp>
<http://www.unco.edu/admissions/international-baccalaureate.asp>
- C. UNC will accept all approved credits earned with ten years of transfer. Courses earned more than ten years earlier may be evaluated on an individual basis.
- D. UNC may apply state guaranteed general education (gtP) courses toward the major or other graduation requirements if that facilitates the student's graduation more effectively.

Section III: Appeal 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 2008-2009 Transfer Guide should be filed with the institution. A student may file an appeal that pertains to state guaranteed general education courses directly to Admissions: Leta.Naber@unco.edu or Barbara.Nelson@unco.edu
- 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>