

**2008 2009 TRANSFER GUIDE
CHEMISTRY: SECONDARY TEACHING
UNIVERSITY OF NORTHERN COLORADO**

A. Institutional graduation requirements for this degree program. The graduation requirement for a transfer student pursuing Chemistry: Secondary Teaching 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 * credit hours and
- Successfully complete the 36 required credit hours in the major and earn with a grade of C or higher in all CHEM or CHED courses and
- Students must take an assessment examination before graduation and
- Successfully complete the 38 hours in the Required Teacher Education Program and
- Earn at least a 2.00 GPA in courses completed at UNC.

Secondary PTEP requirements: PTEP requirements follow at bottom of chart.

- Complete and receive at least a grade of B or above in ENG 122 or 123 (CC; Eng 121 or 122)
- Students will make formal application and complete admission requirements while enrolled in STEP 161.
- A minimum GPA of 2.50 is required prior to enrollment.
- First semester transfer students may enroll their first semester on campus and the GPA will be evaluated at the end of the semester.

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. They are as follows: 34 credits**

<u>UNC</u>	<u>CC</u>
BIO 110	Bio 111 (5) General College Biology I
BIO 111	Bio 112 (5) General College Biology II
CHEM 111	Che 111 (5) General Chemistry I
CHEM 112	Che 112 (5) General Chemistry II
GEOL 201	Gey 111 (4) Physical Geology
MATH 131	Mat 201 (5) Calculus I
PHYS 220	Phy 111 (5) Physics: Algebra-Based I

CHEMISTRY: SECONDARY TEACHING

	UNC Course Number	UNC Course Name	UNC CH	CC Course Number	CC Course Name	CC CH
Required Major Courses			24			
	CHED 495	Seminar in Teaching Chemistry	2			
	CHEM 321	Chemical Analysis	4			
	CHEM 331	Organic Chemistry I	5	Che 211	Organic Chemistry I	5
	CHEM 331	Organic Chemistry II	5	Che 212	Organic Chemistry II	
	CHEM 360	Environmental Chemistry	2			
	CHEM 441	Inorganic Chemistry I	2			
	CHEM 450	Survey of Physical Chemistry	4			
Required Credits for Science Licensure			8			
	PHYS 221	Introductory Physics II	5	Phy 111	Physics: Algebra Based II	5
	SCED 441	Methods of Teaching Secondary	3			

		School Science				
Required Supporting Credits			4			
	AST 100 or MET 205	General Astronomy or General Meteorology	4	Ast 101 or Met 150	Astronomy I or General Meteorology	4
SECONDARY Required Teacher Education Courses			38			
The following courses are to be taken concurrently during the first semester of your program			(7)			
	EDFE 110	Initial PTEP Application	0			
	STEP 161	Observation and Analysis of Secondary Teaching I	2			
	EDF 366	Conceptions of Schooling: Context and Process	4	EDU 221	Introduction to Education	3
	ET 249	Technology in Education for Secondary Teaching	1	EDU 261	Teaching, Learning, Technology	
The following courses are to be taken concurrently			(8)			
	EDFE 120	Full admission to PTEP Application	0			
	STEP 262	Observation and Analysis of Secondary Teaching	2			
	EDSE 360	Adaptation, Modification and Integration of Curriculum for the Secondary Exceptional Learner	3			
	PSY 349	Education Psychology for Secondary Teachers				
The following courses are to be taken concurrently			(9)			
	EDFE 130	Student Teaching Application (If student teaching next semester)r	0			
	STEP 363	Clinical Experience: Secondary	2			
	EDRD 340	Developing Language and Literacy in Content Areas	3			
	ET 349	Educational Technology Applications for Secondary Teaching	1	EDU 261	Teaching, Learning, Technology	
Content area Methods			(3)			
	COMM 352	Methods of Teaching Speech Communications	3			
	EED 341 or EED 541	Methods and Materials for Teaching language and Composition in Secondary School	3			
	EED 402	Methods for Teaching Lit in Secondary Schools	3			
	FL 341	Methods of Teaching in Secondary School	3			
	GEOG 410	Teaching Geography in Secondary Curriculum	3			
	HIST 400	Teaching History in Secondary Curriculum	3			
	MED 441	Methods of Teaching Mathematics	3			
	SCED 441	Methods of Teaching Secondary School Science	3			
	SOSC 341	Teaching Secondary Social Studies	3			
	THEA 385	Methods of Teaching Drama	3			
Complete the following course						
	STEP 464	Secondary Student Teaching	(14)			
TOTAL MAJOR REQUIREMENTS			36			

Required Teacher Education Credits	38		
GRADUATION REQUIREMENTS beyond AA/AS Degree	74		
ASSOCIATE OF ARTS/SCIENCE DEGREE	60		
TOTAL GRADUATION REQUIREMENTS	134		

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://highered.colorado.gov/Publications/Policies/Current/i-partt.pdf>