

2008-2009 60 + 60 TRANSFER GUIDE
CHEMISTRY: BIOCHEMISTRY (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: Biochemistry (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 57 credit hours in the major, with a grade of C or higher (C- in not acceptable) in all CHEM and 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: 30 credits

<u>UNC</u>	<u>CC</u>
BIO 110	Bio 111 (5) General College Biology I
CHEM 111	Che 111 (5) General Chemistry I
CHEM 112	Che 112 (5) General Chemistry II
CHEM 331	Che 211 (5) Organic Chemistry I
CHEM 332	Che 212 (5) Organic Chemistry II
MATH 131	Mat 201 (5) Calculus I

*** CHEMISTRY: BIOCHEMISTRY (ACS Certified)**

UNC Course Number	UNC Course Name	UNC CH	CC Course Number	CC Course Name	CC CH
Required Major Courses		33			
CHEM 321	Chemical Analysis	4			
CHEM 421	Instrumental Analysis	4			
CHEM 441	Inorganic Chemistry I	2			
CHEM 442	Inorganic Chemistry I	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 481	General Biochemistry I	3			
CHEM 482	General Biochemistry II	3			
CHEM 483	Experimental Biochemistry I	1			
CHEM 484	Experimental Biochemistry II	1			
CHEM 499	Seminar and Research in Chemistry	2			

Required Support Credits			24			
	BIO 210	Cell Biology	3	Bio 206	Cell Biology	3
	MATH 132	Calculus II	4	Mat 202	Calculus II	5
	MATH 233	Calculus III	4	Mat 203	Calculus III	4
	PHYS 240	General Physics I	5	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			57			
University Electives			3			
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>