

**University of Nebraska
Undergraduate Course Equivalencies
Chemistry/Biochemistry**

UNK		UNL		UNO	
Course(s)	Credits	Course(s)	Credits	Course(s)	Credits
		CHEM105 CHEM IN CONTEXT I	4	CHEM1010 CHEMISTRY IN ENVIRONMENT&SOCIETY	3
				CHEM1014 CHEMISTRY IN ENVIRONMENT&SOC LAB	1
CHEM145 INTRO CHEM	4			CHEM1140 FUND OF COLL CHEM	4
				CHEM1144 FUND OF COLL CHEM LAB	1
CHEM160 GENERAL CHEM	3	CHEM109 GENERAL CHEMISTRY I	4	CHEM1180 GENERAL CHEM I	3
CHEM160L GEN CHEM LAB	1			CHEM1184 GENERAL CHEM I LAB	1
CHEM161 GENERAL CHEM	3	CHEM110 GENERAL CHEMISTRY II	4	CHEM1190 GENERAL CHEM II	3
CHEM161L GEN CHEM LAB	1			CHEM1194 GEN CHEM II LAB	1
CHEM250 ELEMENTARY ORGANIC CHEM	5			CHEM2210 FUNDAMENTALS ORGANIC CHEMISTRY	4
				CHEM2214 FUNDAMENTALS ORGANIC CHEM LAB	1
CHEM360 ORGANIC CHEMISTRY	4	CHEM251+ ORGANIC CHEMISTRY I	3	CHEM2250 ORGANIC CHEMISTRY I	3
CHEM360L ORGANIC CHEM LAB	1	CHEM252+ ORGANIC CHEMISTRY II	3	CHEM2260 ORGANIC CHEMISTRY II	3
CHEM361 ORGANIC CHEMISTRY	4	CHEM253+ ORGANIC CHEM LAB I	1	CHEM2274 ORGANIC CHEMISTRY LABORATORY	2
CHEM361L ORGANIC CHEM LAB	1	CHEM254+ ORGANIC CHEM LAB II	1		
CHEM375 ANALYTICAL CHEMISTRY	5	CHEM221 ELEM QUANT ANALYSIS	4	CHEM2400 QUANTITATIVE ANALYSIS	3
				CHEM2404 QUANTITATIVE ANALYSIS LAB	1
CHEM480 PHYSICAL CHEM	4	CHEM481 PHYSICAL CHEMISTRY I	4	CHEM3350 PHYSICAL CHEMISTRY I	3
		CHEM484 PHYSICAL CHEM MEASUR	3	CHEM3354 PHYSICAL CHEMISTRY I LAB	1
CHEM481 PHYSICAL CHEM	4	CHEM482 PHYSICAL CHEMISTRY II	4	CHEM3360 PHYSICAL CHEMISTRY II	3
		CHEM484 PHYSICAL CHEM MEASUR	3	CHEM3364 PHYSICAL CHEMISTRY II LAB	1

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CHEM230	INORGANIC SYNTHESIS	2	CHEM443	INORGANIC CHEM LAB	2	CHEM3514	INORGANIC PREPARATIONS	1
CHEM251	ESSENTIALS OF BIOCHEMISTRY	4	BIOC321	ELEMENTS OF BIOCHEM	3	CHEM3650	FUND BIOCHEMISTRY	3
			BIOC321L	LAB: ELEMENTS BIOCHM	1	CHEM3654	FUND BIOCHEMISTRY LAB	1
CHEM470	THEOR ORGANIC CHEM	3	CHEM461	ADV ORGANIC SPECTRO	2-4	CHEM4240	ADVANCED ORGANIC CHEMISTRY	3
CHEM475	INSTRUMENTAL ANALYSIS	4	CHEM421	ANALYTICAL CHEMISTRY	3	CHEM4400	INSTRUMENTAL ANALYSIS	3
			CHEM423	ANALYTICAL CHEM LAB	2	CHEM4404	INSTRUMENTAL ANALYSIS LABORATORY	1
CHEM430	INORGANIC CHEM	3	CHEM441	INORGANIC CHEMISTRY	3	CHEM4500	ADVANCED INORGANIC CHEMISTRY	3
CHEM351	BIOCHEMISTRY	4	BIOC431*	BIOMOLECULES AND METABOLISM	4	CHEM4650	BIOCHEMISTRY I	3
			BIOC433*	BIOCHEMISTRY LAB	2	CHEM4654	BIOCHEMISTRY LABORATORY	1
			BIOC432**	GENE EXPRESSN & REP	2	CHEM4660	BIOCHEMISTRY II	3
CHEM145	INTRO CHEM	4	CHEM105	CHEM IN CONTEXT I	4			
CHEM451	ADV BIOCHEMISTRY	3	BIOC432**	GENE EXPRESSN & REP	2			

* BIOC431 & BIOC433 at UNL are colistings for CHEM431 & CHEM433.

+UNO'S Chemistry majors require UNL's CHEM261/262/263/264 for equivalency to UNO's CHEM2250/2260/2274.

**BIOC432 at UNL is a colisting for CHEM432.