

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

UNK			UNL			UNO		
Course(s)		Credits	Course(s)		Credits	Course(s)		Credits
CHEM251	ESSENTIALS OF BIOCHEMISTRY	4	BIOC321	ELEMENTS OF BIOCHEM	3	CHEM3650	FUND BIOCHEMISTRY	3
			BIOC321L	LAB: ELEMENTS BIOCHM	1	CHEM3654	FUND BIOCHEMISTRY LAB	1
CHEM351	BIOCHEMISTRY	4	BIOC431*	BIOMOLECULES AND METABOLISM	4	CHEM4650	BIOCHEMISTRY I	3
			BIOC433*	BIOCHEMISTRY LAB	2	CHEM4654	BIOCHEMISTRY LABORATORY	1
CHEM451	ADV BIOCHEMISTRY	3	BIOC432**	GENE EXPRESSN & REP	2			
			BIOC432**	GENE EXPRESSN & REP	2	CHEM4660	BIOCHEMISTRY II	3
CHEM145	INTRO CHEM	4	CHEM105	CHEM IN CONTEXT I	4			
			CHEM105	CHEM IN CONTEXT I	4	CHEM1010	CHEMISTRY IN ENVIRONMENT&SOCIETY	3
						CHEM1014	CHEMISTRY IN ENVIRONMENT&SOC 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
CHEM375	ANALYTICAL CHEMISTRY	5	CHEM221	ELEM QUANT ANALYSIS	4	CHEM2400	QUANTITATIVE ANALYSIS	3
						CHEM2404	QUANTITATIVE ANALYSIS 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			

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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
CHEM230	INORGANIC SYNTHESIS	2	CHEM443	INORGANIC CHEM LAB	2	CHEM3514	INORGANIC PREPARATIONS	1
CHEM470	THEOR ORGANIC CHEM	3	CHEM461	ADV ORGANIC SPECTRO	2-4	CHEM4240	ADVANCED ORGANIC CHEMISTRY	3
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
CHEM145	INTRO CHEM	4				CHEM1140	FUND OF COLL CHEM	4
						CHEM1144	FUND OF COLL CHEM LAB	1
CHEM250	ELEMENTARY ORGANIC CHEM	5				CHEM2210	FUNDAMENTALS ORGANIC CHEMISTRY	4
						CHEM2214	FUNDAMENTALS ORGANIC CHEM LAB	1

* 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.