

Chemistry Education Bachelor of Science

Bachelor of Science Division of Human Development

Semester: 1		Fall, first year	Semester: 2		Spring, first year
CHEM 151	General Chemistry	4.00	CHEM 152	General Chemistry	4.00
CHEM	General Chemistry Lab	0.00	CHEM	G Chem. Lab	0.00
RELT 141	Christian Beliefs	3.00	ENGL 212	Writing for Schol. Audiences	3.00
EDUC 125	Intro to Teaching	3.00	PHOT 184	Calculus I	4.00
ENGL 110	Writing for Gen. Audiences	3.00	CPTR 265	Educational Technology	3.00
COMM 105	Public Speaking	2.00	CHEM 296	Research Methods I	1.00
CORE 119	Connections	1.00			
		Total:			15
		16			

Semester: 3		Fall, second year	Semester: 4		Spring, second year
CHEM 211	Organic Chemistry	4.00	EDUC 218	Philosophy of Education	3.00
CHEM	O Chem. Lab	0.00	PSYC 215	Developmental Psych	3.00
PHYS 151	General Physics	4.00	HMDV 265	Research Writing	1.00
PHYS	General Physics Lab	0.00	HIST 157	West in the World	3.00
BIOL 151	General Biology	4.00	HHPA	Activity Elective	1.00
BIOL	General Biology Lab	0.00	RELB	Religion Elective	3.00
ASTR 111	Astronomy	4.00			
ASTR	Astronomy Lab	0.00			
		Total:			14
		16			

 		Fall, third year	 		Spring, third year
EDUC 345	Learning Theories	3.00	CHEM 212	Organic Chemistry	4.00
HMNT 305	Arts & Ideas	2.00	CHEM	O Chem. Lab	0.00
CHEM 445	Biochemistry I	4.00	EDUC 356	Gen'l Secondary Methods	3.00
CHEM	Biochemistry Lab	0.00	EDUC 346	Special Ed in the Classroom	3.00
EDUC 476	Content Reading	3.00	EDUC 418	Methods: Science Ed.	3.00
CHEM 386	Research Methods II	1.00	RELH 310	History of the SDA Church	3.00
CHEM 311	Analytical Chemistry	3.00			
CHEM	Analytical Chem. Lab	0.00			
EDUC 225	Ed Diversity	1.00			
		Total:			16
		17			

 		Fall, fourth year	 		Spring, fourth year
EDUC 475	Student Teaching	16.00	LITR 231	Ancient Western Lit.	3.00
		Total:	EDUC 485	Issues in Education	1.00
		16	RELT 455	Prophetic Guidance	3.00
			CHEM 312	Instrumental Analysis	3.00
			CHEM	Instr. Analysis Lab	0.00
			HHPA 155	Concepts of Wellness	2.00
			HHPA	Concepts Lab	0.00
			Electives		3.00
					Total:
					15

Key

^ Alternate year course.

° Other courses may also meet this requirement. See the [Union College Bulletin](#).

* This class is specific to this major.

+ This satisfies a general education requirement.

Notes

62 hours are required for graduation.

This sample guide is intended only to show you how a program might be arranged. Course schedules may change and it is possible that your courses will not be taken exactly in the order shown. Your academic advisor will help you design a program around your educational needs and goals.

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