

## Chemistry Education Bachelor of Science

### Bachelor of Science Division of Human Development

#### Fall, first year

CHEM 151	General Chemistry	4.00
CHEM	General Chemistry Lab	0.00
RELT 141	Christian Beliefs	3.00
EDUC 125	Intro to Teaching	3.00
ENGL 110	Writing for General Audiences	3.00
COMM 105	Public Speaking	2.00
CORE 119	Connections	1.00

**Total:** 0

#### Spring, first year

CHEM 152	General Chemistry	4.00
CHEM	General Chemistry Lab	0.00
ENGL 212	Writing for Scholarly Audiences	3.00
MATH 184	Calculus I	4.00
CPTR 265	Educational Technology	3.00
CHEM 296	Research Methods I	1.00

**Total:** 0

#### Fall, second year

CHEM 211	Organic Chemistry	4.00
CHEM	Organic Chemistry Lab	0.00
PHYS 151	General Physics	4.00
PHYS	General Physics Lab	0.00
BIOL 151	General Biology	4.00
BIOL	General Biology Lab	0.00
ASTR 111	Astronomy	4.00
ASTR	Astronomy Lab	0.00

**Total:** 0

#### Spring, second year

EDUC 218	Philosophy of Education	3.00
PSYC 215	Developmental Psych	3.00
HMDV 265	Research Writing	1.00
HIST 157	West and the World	3.00
HHPA	Activity Elective	1.00
RELB	Religion Elective	3.00

**Total:** 0

#### Fall, third year

EDUC 345	Learning Theories	3.00
HMNT 305	Arts & Ideas	2.00
CHEM 445	Biochemistry I	4.00
CHEM	Biochemistry Lab	0.00
EDUC 476	Content Reading	3.00
CHEM 386	Research Methods II	1.00
CHEM 311	Analytical Chemistry	3.00
CHEM	Analytical Chemistry Lab	0.00
EDUC 225	Ed Diversity	1.00

<b>Total:</b>	0
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<b>Spring, third year</b>	
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CHEM 212	Organic Chemistry	4.00
CHEM	Organic Chemistry Lab	0.00
EDUC 356	Gen Secondary Methods	3.00
EDUC 346	Special Ed in the Classroom	3.00
EDUC 418	Methods: Science Ed.	3.00
RELH 310	History of the SDA Church	3.00
<b>Total:</b>		0

<b>Fall, fourth year</b>	
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EDUC 475	Student Teaching	16.00
<b>Total:</b>		0

<b>Spring, fourth year</b>	
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LITR 231	Ancient Western Lit.	3.00
EDUC 485	Issues in Education	1.00
RELT 455	Prophetic Guidance	3.00
CHEM 312	Instrumental Analysis	3.00
CHEM	Instrumental Analysis Lab	0.00
HHPA 155	Concepts of Wellness	2.00
HHPA	Concepts Lab	0.00
	Electives	3.00
<b>Total:</b>		0

## 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.

### Categories:

[Education](#)  
[Sciences](#)