

B.A. Chemistry
Physics Minor, Leading to Licensure 7-12
Suggested Sequence: 2008-2009 Catalog

Summer

_____	ENGL 101 College Composition I	3
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1st Semester

_____	BIOL 151 General Biology <i>fall</i>	4
_____	CHEM 151 General Chemistry	4
_____	HLED 173 Health for Life	2
_____	HIST Area C-1 History Course	3
_____	RELT 138 Adventist Heritage	3
_____	NOND 101 Southern Connections	1
	17	

3rd Semester

_____	CHEM 311 Organic Chemistry	4
_____	MATH 181 Calculus I	3
_____	PHYS 211 General Physics	3
_____	PHYS 213 General Physics Lab	1
_____	RELT 255 Christian Beliefs	3
_____	EDUC 217 Psychological Foundations of Education	2
_____	PEAC 225 Fitness for Life	1
	17	

Summer

_____	EDUC 319 Technology in Education***	3
	3	

5th Semester

_____	CHEM 411 Physical Chemistry I (W) <i>fall alternate</i>	4
_____	CHEM 341 Biochemistry I	4
_____	PHYS Elective (UD)	3
_____	EDUC 422 Behavior Management - Secondary	2
_____	EDUC 437 Curriculum & General Methods	1
_____	EDUC 356 Classroom Assessment	2
_____	PHYS Elective (LD)	1
	17	

7th Semester

_____	CHEM 315 Quantitative Analysis	4
_____	CHEM 497 Introduction to Research (W)	1
_____	PLSC/ECON Area C-2 Political Sci./Econ. Course	3
_____	EDUC 438 Curriculum Content Methods (Physics)	1
_____	EDUC 438 Curriculum Content Methods (Chemistry)	1
_____	Area G Course	1
_____	RELT 317 Issues in Physical Science/Religion	3
_____	COMM 135 Introduction to Public Speaking	3
	17	

2nd Semester

_____	PHYS 155 Descriptive Astronomy	3
_____	CHEM 152 General Chemistry	4
_____	EDUC 138 Intro/Found of Secondary Ed.	3
_____	ENGL 102 College Composition II	3
_____	Literature Course	3
_____	PEAC PE Activity	1
	17	

4th Semester

_____	CHEM 312 Organic Chemistry	4
_____	MATH 215 Statistics	3
_____	PHYS 212 General Physics	3
_____	PHYS 214 General Physics Lab	1
_____	HIST Area C-1 History Course	3
_____	PSYC 128 Developmental Psychology**	3
	17	

6th Semester

_____	CHEM 485 Chemistry Seminar <i>winter</i>	1
_____	EDUC 325 Philosophy of Christian Education (W)	2
_____	EDUC 434 Literacy in the Content Areas	2
_____	PHYS Elective (UD)	3
_____	EDUC 340 Foundations of Inclusive Education	2
_____	Religion Course (UD)	3
_____	RELB Area D Course	3
	16	

8th Semester

_____	EDUC 472 Enhanced Student Teaching 7-12	10
_____	EDUC 464 Teaching Seminar	2
	12	

TOTAL HOURS 136

** EDUC 220 Growth Years may be substituted.

*** Students must meet prerequisites CPT 100 & 105 or high school equivalent.

Attention: Students may choose to take a ninth semester instead of taking 17 hours per semester.

● **Note: Students must consult the catalog they are under and their degree audits to ensure that they have completed degree requirements. Students with a foreign language deficiency need to take 6 hours of beginning foreign language and may omit the D-3 fine arts course.**

● **Students completing 4 additional semester hours in Biology would be eligible for SDA endorsement in biology.**