

*Bachelor of Science Education Degree in Chemistry and Physics*  
**Chemistry Education** w/Teacher Licensure  
 (123-Credit Hours)

FALL SEMESTER					SPRING SEMESTER			
FRESHMAN YEAR								
English Composition I	ENGL	1311	3		English Composition II	ENGL	1321	3
General Chemistry I	CHEM	1330	3		General Chemistry II	CHEM	1340	3
General Chemistry I Lab	CHEM	1130	1		General Chemistry II Lab	CHEM	1140	1
College Algebra	MATH	1330	3		College Trigonometry	Math	1340	3
Physical Education Elective	HLPE	1110	1		Earth Science I	CHEM	2300	3
Personal & Social Dev	BAS	1210	2		Personal Health & Safety <b>OR</b>	HLPE	1310	3
General Psychology	PSYC	2300	3		Nutrition and Wellness	HUSC	1311	
			16					16
SOPHOMORE YEAR								
U.S. History <b>OR</b>	HIST	2315	3		Art History Appreciation <b>OR</b>	ART	2340	3
American Government	PSCI	2312			Music History Appreciation	MUSI	2330	
Oral Communication	MCOM	2390	3		English Literature	ENGL	2300/2360/2361	3
Humanities <b>OR</b>	HUMN	2301	3		Geography of N. America	GEOG	2360	3
Effective Thinking/Logic <b>OR</b>	HUMN	2340			Education Seminar	EDUC	2310	3
Theatre Appreciation	THTR	2324			Principles of Biology	BIOL	1455	4
Quantitative Analysis	CHEM	2330	3					
Quantitative Analysis	CHEM	2130	1					
Earth Science II	CHEM	2310	3					
Career & Life Planning	BAS	1120	1					
			17					16
JUNIOR YEAR								
General Physics I	PHYS	2310	3		General Physics II	PHYS	2320	3
General Physics I Lab	PHYS	2110	1		General Physics II Lab	PHYS	2120	1
Organic Chemistry I	CHEM	3311	3		Organic Chemistry II	CHEM	3321	3
Organic Chem. I lab	CHEM	3111	1		Organic Chem. II lab	CHEM	3121	1
Foreign Language I	MDFL		3		Foreign Language II	MDFL		3
Intro to Teaching	EDUC	1300	3		General Methods	EDUC	4304	3
Human Growth & Development	EDUC		3		Assessment Student Learning	EDUC	3366	3
			17					17
SENIOR YEAR								
Internship I	EDUC	4600	6		Internship II	EDUC	4601	6
Classroom Behavior Manage	EDUC	3303	3		Exceptional Children	EDUC	4358	3
SPED Academy 101	SPED	2300	3		First-Aid-CPR	HLPE	3220	2
					PE Activity	HLPE	1125	1
			12					12

**Minimum Grade of "C" in ALL STEM and Education Courses**

**School of Arts and Sciences**  
**Department of Chemistry and Physics**  
**Bachelor of Science Education Degree in Chemistry and Physics-**  
**Chemistry Education w/Teacher Licensure (123-Credit Hours)**

**A Minimum Grade of C is required for All STEM and Education Courses**  
**A minimum of GPA of 2.70 is required for both Student Teaching and Graduation**

DATE OF ENTRY: \_\_\_\_\_ I.D. NUMBER \_\_\_\_\_ Email: \_\_\_\_\_

NAME: \_\_\_\_\_ ADDRESS: \_\_\_\_\_

HOME TELEPHONE: \_\_\_\_\_ WORK: \_\_\_\_\_ CELL: \_\_\_\_\_

COURSE	HRS	COURSE	HRS
<u><b>General Education Institutional Requirement (3-Hrs)</b></u>		___ ENGL 2361 World Literature II	3
___ BAS 1210 Personal and Social Development	2	<u><b>Additional Requirement Courses (28-Hours)</b></u>	
___ BAS 1120 Career and Life Planning	1	___ Foreign Language I	3
<u><b>Mathematics &amp; Natural Sciences (14 Hours)</b></u>		___ Foreign Language II	3
___ BIOL 1455 Principles of Biology	4	___ CHEM 1340 General Chemistry II	3
___ CHEM 1330 General Chemistry I	3	___ CHEM 1140 General Chemistry II Lab	1
___ CHEM 1130 General Chemistry I Lab	1	___ CHEM 2300 Earth Science I	3
___ MATH 1330 College Algebra	3	___ CHEM 2310 Earth Science I	3
___ MATH 1340 College Trigonometry	3	___ CHEM 2330 Quantitative Analysis	3
<u><b>Humanities (6-Hours)</b></u>		___ CHEM 2130 Quantitative Analysis Lab	1
<b>Select 2 courses from the following:</b>	<b>6</b>	___ CHEM 3311 Organic Chemistry I	3
___ ART 2340 Art Appreciation	3	___ CHEM 3111 Organic Chemistry I Lab	1
___ MUSI 2330 Music Appreciation	3	___ CHEM 3321 Organic Chemistry II	3
___ HUMN 2301 Humanities	3	___ CHEM 3121 Organic Chemistry II Lab	1
___ HUMN 2340 Effective Thinking / Logic	3	<u><b>Physics (8-Hours)</b></u>	
___ THTR 2324 Theatre Appreciation	3	___ PHYS 2310 General Physics I	3
<u><b>Social Sciences (9-Hours)</b></u>		___ PHYS 2110 General Physics I Lab	1
___ GEOG 2360 Geography of North America	3	___ PHYS 2320 General Physics II	3
___ PSYC 2300 General Psychology	3	___ PHYS 2120 General Physics II Lab	1
<b>Select 1 course from the following:</b>	<b>3</b>	<u><b>Education (38-Hours)</b></u>	
___ HIST 2315 U. S. History to 1877	3	___ EDUC 2310 Education Seminar	3
___ HIST 2318 U. S. History Since 1877	3	___ EDUC Human Growth and Development	3
___ PSCI 2312 American Government	3	___ EDUC 1300 Introduction to Teaching	3
<u><b>Health &amp; Physical Education (7-Hours)</b></u>		___ SPED 2300 SPED Academy 101	3
___ HLPE 3220 First Aid/CPR	2	___ SPED 4358 Exceptional Children in Classroom	3
<b>Select 1 course from the following:</b>	<b>3</b>	___ EDUC 3303 Class/Behavior Management	3
___ HUSC 1311 Nutrition and Wellness	3	___ EDUC 3366 Assessment for Student Learning	3
___ HLPE 1310 Personal Health & Safety	3	___ EDUC 4304 General Methods	3
<b>Select any 1 from the following:</b>	<b>2</b>	___ EDUC 4600 Internship I	6
___ HLPE 1110 through HLPE 1125 Phys. Educ.	2	___ EDUC 4601 Internship II	6
___ MLSC 1210: Learning to Lead I (for 1 hour PE)	2	___ EDUC 2310 Education Seminar	3



<u>Communication (12-Hours)</u>		<u>PRAXIS I (Minimum Scores)</u>	
___ ENGL 1311 English Composition I	3	___ Reading	156
___ ENGL 1321 English Composition II	3	___ Writing	162
___ MCOM 2390 Oral Communication	3	___ Mathematics	150
<b>Select 1 course from the following:</b>	<b>3</b>	<u>Praxis Series II (Minimum Scores)</u>	
___ ENGL 2300 Introduction to Literature	3	___ 5245 Chemistry Content Knowledge	150
___ ENGL 2360 World Literature I	3	___ 5624 Principles of Learning & Teaching	157

**CHECKLIST OF COMPLETION:**

\_\_\_ AAGE (Rising Junior Exam)

\_\_\_ Senior Comprehensive Exam

\_\_\_ Exit University College

\_\_\_ English Proficiency Exam

**SIGNATURES:**

Student:	_____	Date:	_____
Advisor:	_____	Date:	_____
Chair:	_____	Date:	_____
Dean:	_____	Date:	_____