

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Advisor: \_\_\_\_\_

# Chemistry Education Secondary Education (Grades 9-12)

University Proficiencies					
	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
ACT English 24-25, SAT Writing 550-580 Proficiency test in first semester or ENGL 111 (Skip ENGL 111 if ACT 26+, SAT 590+)		Score	ACT English <20, SAT Writing <470 ENGL 102 Basic English Skills May take Proficiency at end of ENGL 102	3	
ACT English 20-23, SAT Writing 470-540 ENGL 111 Composition	3				
Evangel University Frameworks Requirements					
	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
BIBL 111 Essential Christianity	3		GSCI 115 Physical Science	3	NA
BIBL 115 Old Testament Literature	3		BIOL 101 Biological Science	3	NA
BIBL 116 New Testament Literature	3		GSCI 115 Lab or BIOL 101 Lab (choose one)	1	NA
BIBL 360-370 Book Study (choose one)	3		PSYC 235 Adolescent Psychology or PSYC 237 Lifespan Human Growth & Development	3	
FIN 138 Personal Finance	3				
FRWK 220 Order	3		ICST 350 Global Connections	3	
FRWK 230 Humanity	3		RHET 205 Effective Communication (Writing Proficiency Required)	3	
FRWK 240 Culture	3				
FRWK 320 Pentecost	3		Social Science Elective: Strongly recommend HIST 111 Am Hist I or GOVT 170 Intro Am Gov	3	
Humanities Elective	3				
EDUC 434 Tests and Measurements	3		University Seminar: GSCI 100	1	
Professional Education Requirements					
	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
EDUC 219 Foundations of Education [1]	3		EDUC 397 Secondary Mid-level Practicum [3]	1	
EDUC 220 Practicum in Foundation [1]	1		EDUC 497 Secondary Practicum [4]	1	
EDUC 222 Curr. Inst. / Secondary Sch. [3]	2		EDUC 417 Educational Psychology	2	
EDUC 235 Educational Technology	2		EDUC 427 Seminar in Student Teaching [2]	1	
EDUC 271 Exceptional Student	2		EDUC 437 Student Teaching [2]	12	
EDUC 352 Teaching Reading in Content Area	2		EDUC 476 Tech. and Strategies in Class Management [2]	2	
Chemistry Content Area Certification					
	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
CHEM 111 General Chemistry I	5		CPSC 101 Personal Computing (proficiency)*	3	
CHEM 112 General Chemistry II	5		GSCI 111 Geology or GSCI 112 Meteorology with a lab	4	
CHEM 271 Organic Chemistry I	4		GSCI 230 History and Philosophy of Science	3	
CHEM 272 Organic Chemistry II	4		GSCI 336 Methods of Teaching Science	3	
CHEM 278 Organic Analysis and Methods	2		PHYS 211 General Physics I or GSCI 115 Physical Science with a lab	4-5	
CHEM 375 Biochemistry	4		BIOL 101 Biological Science with a lab	4	
CHEM 377 Environmental Chemistry	4		BIOL 342 Ecology or BIOL 343 Env. Biology	4	
			MATH 231 Calculus I (or MATH 129)	3-4	
			<b>Minimum total credits to graduate</b>	<b>124</b>	

\*CPSC 101 must be taken for 3 credits if the proficiency exam is not passed. The proficiency exam is to be taken in the first semester.

[1] EDUC 219 (Foundations of Education) and EDUC 220 (Elementary Practicum) must be taken concurrently.  
 [2] EDUC 427, EDUC 437, EDUC 476 taken during student teaching semester.  
 [3] Secondary education students need to take EDUC 222 and EDUC 397 concurrently.  
 [4] Recommend that Secondary education students take GSCI 336 and EDUC 497 concurrently.  
 [5] Education majors are not required to take PSYC 112 as a prerequisite for required higher level PSYC courses.

# Chemistry Secondary Education

Suggested Course Sequencing: Recommend 15 – 18 semester hours;  
however, attending summer school will reduce semester hours.

## Freshman year

Semester 1	Cr
CHEM 111 General Chemistry I	5
MATH 231 Calculus I (or MATH 129)	4(3)
BIBL 111 Essential Christianity	3
BIOL 101 Biological Science	4
GSCI 100 University Seminar	1
CPSC 101 (proficiency exam)	0
	17

Semester 2 and Summer	Cr
CHEM 112 General Chemistry II	5
GSCI 111 Geology (or GSCI 112)	4
BIBL 115 Old Testament Literature	3
CPSC 101 Introduction to Personal Computing	3
ENGL 111 or RHET 205 Composition/Effective Comm.	3
FRWK 220 Order	3
	21

## Sophomore year

Semester 1	Cr
CHEM 271 Organic Chemistry I	4
GSCI 230 History and Philosophy of Science	3
PHYS 211 General Physics I (or GSCI 115)	5(4)
RHET 205 or ENGL 236 Effective Comm./Exp. Writing	3
FRWK 230 Humanity	3
	18

Semester 2 and Summer	Cr
CHEM 272 Organic Chemistry II	4
CHEM 278 Organic Analysis and Methods	2
CHEM 377 Environmental Chemistry	4
EDUC 219/220 Foundations of Education/Practicum	4
BIBL 116 New Testament Literature	3
FRWK 240 Culture	3
Humanities Elective	3
	23

## Junior year

Semester 1	Cr
CHEM 375 Biochemistry	4
BIOL 342 Ecology (or BIOL 343)	4
EDUC 235 Educational Technology	2
EDUC 271 Exceptional Student	2
EDUC 434 Tests and Measurements	3
	15

Semester 2	Cr
EDUC 222 Curr. Inst./Secondary Sch.	2
EDUC 397 Secondary Mid-level Practicum	1
BIBL 360-370 Book Study	3
FRWK 320 Pentecost	3
ICST 350 Global Connections	3
PSYC 235 Adolescent Psychology (or PSYC 237)	3
	15

## Senior year

Semester 1	Cr
GSCI 336 Methods of Teaching Science	3
EDUC 352 Teaching Reading in Content Area	2
EDUC 417 Educational Psychology	2
EDUC 497 Secondary Practicum	1
FIN 138 Personal Finance	3
Social Science Elective	3
	14

Semester 2	Cr
EDUC 427 Seminar in Student Teaching	1
EDUC 437 Student Teaching	12
EDUC 476 Tech. and Strategies in Class Management	2
	15

Total minimum to graduate 124  
and must include at least 36 upper division credits

Graduation requires an overall GPA of at least 2.0, and 30 of the 40 final credits must be taken at Evangel.

The listing above only represents a suggested course sequencing as required to graduate with this major. Students are ultimately responsible for their own degree program. An academic advisor is assigned to the student for guidance in these matters, but the responsibility for meeting the requirements belongs to the student.

Admitted to teacher education \_\_\_\_\_  
Dispositions \_\_\_\_\_  
Student teaching papers signed \_\_\_\_\_  
Graduation papers signed \_\_\_\_\_  
Praxis completed \_\_\_\_\_

I have read the Education section of the catalog pertaining to my major, have read the teacher education handbook, and have reviewed this degree sheet with my advisor and have been advised of my responsibility in completing requirements for graduation.

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Advisor's Signature

\_\_\_\_\_  
Date