

SCHREINER UNIVERSITY

Bachelor of Arts

Chemistry with Teacher Certification minor

Sample Four Year Plan beginning Fall 2018

This curriculum guide intended for use in coordination with corresponding degree plan and course rotation.

Total Credits 120

Fall Semester 1		Spring Semester 1	
CHEM 1301/1101 General Chemistry	4	CHEM 1302/1102 General Chemistry II	4
ENGL 1301 Rhetoric and Composition	3	ENGL1302 Literature and Composition	3
IDST 1301 Freshman Studies	3	MATH 2330 Applied Statistics or	3
MATH 2422 Calculus I	4	MATH 2423 Calculus II	4
Global Perspective core course ¹	3	Global Perspective core course ¹	3
	<i>Credits</i> 17		<i>Credits</i> 16
Fall Semester 2		Spring Semester 2²	
BIOL 2350 Writing and Research	3	CHEM 2312/2112 Organic Chemistry II	4
CHEM 2311/2111 Organic Chemistry I	4	Engagement core course	3
EDUC 2303 Foundations of Education*	3	Personal & Social Responsibility core course	3
Engagement core course	3	SPED 3301 Foundations of Special Education*	3
PHYS 1301/1101 College Physics I or	4	PHYS 1302/1102 College Physics II or	4
PHYS 2325/2125 University Physics I	4	PHYS 2326/2126 University Physics II	4
	<i>Credits</i> 17		<i>Credits</i> 17
Fall Semester 3		Spring Semester 3	
CHEM 3303/3103 Thermodynamics	3	Aesthetic Appreciation core course	3
CHEM 3350 Chemical Research	4	CHEM 3304/3104 Quantum Mechanics	4
EDUC 3401 Science Methods Pedagogy Education	3	CHEM 3307/3107 Inorganic Chemistry	3
ENGL 3303 Technical Communication	3	CHEM 3302/3102 Instrumental Analysis	3
RDNG 3309 Disciplinary Literacy across the Content Area	3	CHEM 4398 Internship or CHEM 4399 Senior Project	3
	<i>Credits</i> 16		<i>Credits</i> 16
Fall Semester 4		Spring Semester 4	
CHEM 3301/3103 Quantitative Methods	4	EDUC 4313 The Learner 7-12	3
EDUC 4303 Methods and Management 7-12	3	EDUC 4320 Clinical Teaching Seminar	3
EDUC 4307 Curriculum and Assessment 7-12	3	EDUC 4623 Clinical Teaching 7-12	6
EDUC 4310 Professional Roles and Responsibilities	3		
Elective course	3		
	<i>Credits</i> 16		<i>Credits</i> 12

¹ Spanish is recommended for Texas educators

² Students should apply for admission to Teacher Education program in Spring 2

* Course may be taken prior to admission to Teacher Education Program