

4-Year Academic Plan: Chemistry Education w/Secondary Teaching Licensure

The following is a sample outline demonstrating 4-year completion of this bachelor's degree. Each student's reality will vary slightly, as this plan does not include transfer work, Advanced Placement (AP), or concurrent enrollment credits. Math and English placement will be based on the student's ACT/SAT scores. PLEASE NOTE: The following plan assumes students are prepared to take the Math course listed. If prerequisite/remedial courses are required, additional semesters may be required to complete degree.

This is a GUIDE ONLY. Please meet with your academic advisor and consult DegreeWorks for specifics.

1st Year Fall 19 (12 credits)					1st Year Spring 20 (12 credits)				
CHEM	1210/15	Principles of Chemistry I/lab	5	F/S/Su	CHEM	1220/25	Principles of Chemistry II/lab	5	S/Su
MATH	1210	Calculus I	4	F/S/Su	MATH	1220	Calculus II	4	F/S/Su
ENGL	1010	Intro to Academic Writing	3	F/S/Su	XXXX	XXXX	Fine Arts GE	3	F/S/Su
2nd Year Fall 20 (14-15 credits)					2nd Year Spring 21 (15-16 credits)				
CHEM	2310/15	Organic Chemistry I/lab	5	F/Su	CHEM	2320/25	Organic Chemistry II/lab	5	S/Su
EDUC	1010	Prin. of Teaching & Learning	3	F/S	ENGL	2010	Intermediate Writing	3	F/S/Su
XXXX	XXXX	Minor Course (3-4)	3		Info	1010	Information Literacy	1	F/S/Su
XXXX	XXXX	American Institutions GE	3	F/S/Su	EDUC	3200	Educational Psychology	3	F/S/Su
					XXXX	XXXX	Minor Course (3-4)	3	
3rd Year Fall 21 (15-16 credits)					3rd Year Spring 22 (13 credits)				
CHEM	2010	Chemical Lab Safety	1	F-Odd	CHEM	4230	Instrumental Analysis	3	S-Even
CHEM	3610/15	Physical Chemistry I/lab	4	F	CHEM	4240	Analysis Lab	2	S
CHEM	3000/05	Quantitative Analysis/lab	4	F	CHEM	4990	Chemical Literature & Seminar	1	S
EDUC	3400	Schools, Society, and Diversity	3	F/S/Su	CHEM	3620/25	Physical Chemistry II/lab	4	S
XXXX	XXXX	Minor Course (3-4)	3		SPED	3030	Educating Exceptional Students	3	F/S/Su
4th Year Fall 22 (12-13 credits)					4th Year Spring 23 (15 credits)				
PSCI	4900	Teach. Science in Secondary Sch	2	S	XXXX	XXXX	Social & Behav. Science GE	3	F/S/Su
CHEM	3160	Intermed. Inorganic Chemistry	3	F-Even	XXXX	XXXX	Life Science GE	3	F/S/Su
SCED	3720	Content Atr Literacy & Utah Core	2	F/S	SCED	3570	Secondary Classroom Management	3	F/S
EDUC	3180	Instructional Technologies	2	F/S	SCED	3590	Instruc. Planning, Delivery, & Ass.	3	F/S
XXXX	XXXX	Minor Course (3-4)	3		XXXX	XXXX	Minor Course (3-4)	3	
5th Year Fall 23 (14 credits)									
SCED	4520	Practicum/Induction Seminar	2	F/S					
SCED	4980	Secondary Student Teaching	8	F/S					
PSCI	4900	Teaching Sci. in Secondary Sch	2	*A.N.					
PSCI	4890	Student Teaching in Physical Science	2	F/S					

Color Key:

General Education Courses (green)

Major-required courses that also fulfill GE requirement (purple)

Major Courses (black)

Electives/minor/etc. (red)

Secondary Education Courses (blue)