

4-Year Academic Plan: Physical Science Education with Secondary Education 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 prerequisites 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 (15 credits)					1st Year Spring 20 (13 credits)				
CHEM	1210/15	General Chemistry I/Lab	5	F/S/Su	CHEM	1220/25	General Chemistry II	5	S/Su
MATH	1210	Calculus I	4	F/S/Su	MATH	1220	Calculus II	4	F/S
ENGL	1010	Intro. to Academic Writing	3	F/S/Su	ENGL	2010	Intermediate Writing	3	F/S/Su
XXXX	XXXX	Life Science GE	3	F/S/Su	INFO	1010	Information Literacy	1	F/S/Su
2nd Year Fall 20 (14 credits)					2nd Year Spring 21 (15 credits)				
CHEM	2310/15	Organic Chemistry I/Lab	5	F/Su	CHEM	2320/25	Organic Chemistry II/Lab	5	S/Su
CHEM	3700	Environmental Chemistry	3	*A.N.	PHYS	1040/45	Elementary Astronomy/Lab	4	F/S
XXXX	XXXX	Fine Arts GE	3	F/S/Su	XXXX	XXXX	American Institutions GE	3	F/S/Su
EDUC	1010	Foundations in Education	3	F/S	EDUC	3200	Secondary Ed. Psychology	3	F/S
3rd Year Fall 21 (17 credits)					3rd Year Spring 22 (16 credits)				
PHYS	2210/15	Physics for Sci. & Engineers I/Lab	5	F/S	PHYS	2220/25	Physics for Sci. & Engineers II/Lab	5	F/S
CHEM	2010	Chemical Lab Safety	1	F-Odd	GEOG	3220/25	Weather and Climate/Lab	4	*A.N.
CHEM	3000/05	Quantitative Analysis/Lab	4	F	GEO	1220/25	Historical Geology/Lab	4	S
GEO	1110/15	Physical Geology/Lab	4	F/S	SPED	3030	Educating Exceptional Students	3	F/S
EDUC	3400	Schools, Society, & Diversity	3	F/S					
4th Year Fall 22 (14 credits)					4th Year Spring 23 (12 credits)				
GEO	3210/15	Minerology/Lab	4	F	XXXX	XXXX	**GEO Lecture/Lab Elective	4	
PHYS	3310	Quantum Physics I	3	*A.N.	PSCI	4900	Teaching Sci. in Secondary Schools	2	S
XXXX	XXXX	Social & Behav. Science GE	3	F/S/Su	SCED	3590	Planning, Delivery, and Assessment	3	F/S
SCED	3720	Content Area Lit. & Utah Core	2	F/S	SCED	3570	Secondary Classroom Mgmt	3	F/S
EDUC	3180	Instructional Tech. for Teaching	2	F/S					
5th Year Fall 23 (12 credits)									
SCED	4520	Practicum/Induction Seminar	2	F/S					
SCED	4980	Secondary Student Teaching	8	F/S					
PSCI	4980	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)

Education Courses(blue)

Other Notes:

- (*A.N.) Course taught "As Needed". Sometimes this requires students to take the course through "Independent Study". See Advisor for details.
- (**) Options available - See catalog