

4-Year Academic Plan: Physical Science 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 (17 credits)					1st Year Spring (15 credits)				
CHEM	1210/15	Principles of Chemistry I/lab	5	F/S/Su	CHEM	1220/25	Principles of Chemistry II/lab	5	F/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
LM	1010	Information Literacy	1	F/S/Su			Life Science Knowledge Area	3	F/S/Su
CSIS	1000	CSIS 1000 Computer Literacy	3	F/S/Su	EDGE	1010	Program Introduction	1	F/S/Su
2nd Year Fall (16 credits)					2nd Year Spring (16 credits)				
		Fine Arts Knowledge Area	3	F/S/Su			American Institutions	3	F/S/Su
CHEM	2310/15	Organic Chemistry I/lab	5	F/S/Su	CHEM	2320/25	Organic Chemistry II/lab	5	F/S/Su
CHEM	3700	Environmental Chem	3	F	PHYS	1040/45	Elementary Astronomy/lab	4	F/S
EDUC	3000	Prin. of Teaching & Learning	3	F/S	SCED	3400	Educating Diverse Populations	3	F/S
EDGE	3xxx	EDGE Project Proposal	1	F/S/Su	EDGE	4xxx	EDGE Program Completion	1	F/S/Su
3rd Year Fall (17 credits)					3rd Year Spring (16 credits)				
PHYS	2210/15	Physics for Sci. & ENGR I/lab	5	F/S/Su	PHYS	2220/25	Physics for Sci. & ENGR/lab	5	F/S
CHEM	2010	Chemical Lab Safety	1	F(odd)	GEOG	3220/25	Weather & Climate/lab	4	as needed
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	EDUC	3180	Instructional Technologies	3	F/S
EDUC	3200	Educational Psychology	3	F/S/Su					
4th Year Fall (14 credits)					4th Year Spring (12 credits)				
		Humanities Knowledge Area	3	F/S/Su			Social and Behav Knowledge Area	3	F/S/Su
GEO	3210/15	Mineralogy/lab	4	F	GEO		Lecture/lab elective	4	F/S/Su
PHYS	3310	Quantum Physics I	3	as needed	SCED	3570	Management of Secondary Class	3	F/S
PSCI	4900	Teach. Science in Secondary Schools	2	S	SCED	3590	Prof Instruction, Plan, & Devmt.	3	F/S
SPED	3030	Educating Exceptional Students	3	F/S	SCED	3720	Content Literacy	3	F/S/Su

5th Year Fall (12 credits)

SCED 4520 Pract./Induction Seminar (2)

SCED 4980 Secondary St. Teaching (8)

PSCI 4980 Content Clinical Teaching (2)

Color Key:

General Education Courses (green)

EDGE Program Courses (orange)

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

Major Courses (black) Electives/minor/etc. (red)