

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 (17 credits)					1st Year Spring (18 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			Fine Arts Knowledge Area	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			American Institutions Elective	3	F/S/Su
EDGE	1010	Program Introduction	1	F/S/Su					
2nd Year Fall (16-17 credits)					2nd Year Spring (16-17 credits)				
CHEM	2310/15	Organic Chemistry I/lab	5	F/S/Su	CHEM	2320/25	Organic Chemistry II/lab	5	F/S/Su
CHEM	3000/05	Quantitative Analysis/lab	4	F/S/Su	ENGL	2010	Intermediate Writing	3	F/S/Su
		Minor Course (3-4)	3	F/S/Su			Minor Course (3-4)	3	F/S/Su
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 (14-15 credits)					3rd Year Spring (13-14 credits)				
CHEM	2010	Chemical Lab Safety	1	???	CHEM	4240	Analysis Lab	2	S
CHEM	3160	Intermed. Inorganic Chemistry	3	Feven)	CHEM	4990	Chemical Literature & Seminar	1	S
CHEM	3610/15	Physical Chemistry I/lab	4	F	CHEM	3620/25	Physical Chemistry II/lab	4	S
		Minor Course (3-4)	3	F/S/Su			Minor Course (3-4)	3	F/S/Su
EDUC	3200	Educational Psychology	3	F/S/Su	EDUC	3180	Instructional Technologies	3	F/S
4th Year Fall (14-16 credits)					4th Year Spring (12 credits)				
		Humanities Knowledge Area	3	F/S/Su			Soc/Beh Science Knowledge Area	3	F/S/Su
PSCI	4900	Teach. Science in Secondary Sch	2	S	SCED	3570	Management of Secondary Class	3	F/S
		Minor Course (3-4)	3	F/S/Su	SCED	3590	Prof Instruction, Plan, & Devmt.	3	F/S
		Minor Course (3-4)	3	F/S/Su	SCED	3720	Content Literacy	3	F/S/Su
SPED	3030	Educating Exceptional Students	3	F/S					

5th Year Fall (Student Teaching, 12 credits)

SCED 4520 Pract./Induction Seminar (2)

SCED 4980 Secondary St. Teaching (8)

PSCI 4980 Student Teaching in Phys Sci (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)