

Bachelor of Science in Chemistry – Teacher Education Emphasis
Worksheet & Pre-Requisites —2017-18

Course #	Course title	CR	Offered	Pre-Requisites
Required Courses				
*CHEM 1220/1225	Principles of Chemistry II/Lab	4/1	S/Su	CHEM 1210/15
CHEM 2010	Chemical Lab Safety	1	F-odd	CHEM 1210/15
CHEM 2310/2315	Organic Chemistry I/Lab	4/1	F/Su	CHEM 1220/25
CHEM 2320/2325	Organic Chemistry II/Lab	4/1	S/Su	CHEM 2310/15
CHEM 3000/3005	Quantitative Analysis/Lab	3/1	F	CHEM 1220/25
CHEM 3160	Intermediate Inorganic Chemistry	3	F-even	CHEM 2310/15
CHEM 3610/3615	Physical Chemistry I/Lab	3/1	F	CHEM 1220/25, MATH 1220
CHEM 3620/3625	Physical Chemistry II/Lab	3/1	S	CHEM 3610/15
CHEM 4240	Analysis Laboratory	2	S	CHEM 4230
CHEM 4990	Chemical Literature & Seminar	1	S	CHEM 2320 or UD CHEM
PSCI 4900	Teaching Science in Secondary Schools	2	S	
PSCI 4980	Student Teaching in Physical Science	2		
*MATH 1220	Calculus II	4	F/S	MATH 1210 with C or better
Required Minor in		21		
Geography Ed or				
Geology Ed or				
Physics Ed or				
Math Ed				
Secondary ED Licensure		37		
FOUNDATION COURSES				
MATH 1050	College Algebra	4	F/S/Su	"C" in MATH 1010 or Act of 23
MATH 1060	Trigonometry	3	F/S/Su	"C" in MATH 1010 or Act of 23
EDGE 1010	Becoming an Engaged Learner	1	F/S/Su	
EDGE 30XX	Project Proposal and Planning	1	F/S/Su	EDGE 1010
EDGE 40XX	Project Reporting and Reflection	1	F/S/Su	EDGE 30XX
GENERAL EDUCATION				
ENGL 1010	Intro to Academic Writing	3	F/S/Su	
ENGL 2010	Intermediate Writing	3	F/S/Su	ENGL 1010 or ACT of 29+
*MATH 1210	Calculus I	4	F/S/Su	MATH 1050 & 1060
American Institution		3	F/S/Su	
LM 1010	Information Literacy	1	F/S/Su	
CSIS 1000	Intro to Computer Applications	3	F/S/Su	
FINE ARTS:		3	F/S/Su	
HUMANITIES		3	F/S/Su	
SOC SCIENCE		3	F/S	
LIFE SCIENCE		3/1	F/S	
*PS: CHEM 1210/1215	Principles of Chemistry I/Lab	4/1	F/S	MATH 1050

To be considered for admission to SUU's chemistry program students must have:

- a. A cumulative GPA of at least 2.5.
- b. Completed the following, or its equivalent; with a grade of "C" (2.0) or better:
 - i. Chemical Principles series with laboratory (CHEM 1210, CHEM 1215, CHEM 1220, CHEM 1225)
 - ii. Calculus Series (MATH 1210, MATH 1220).