

**Bachelor of Science in Chemistry Composite – Forensic Emphasis**  
**Worksheet & Pre-Requisites —2017-18**

Course #	Course title	CR	Offered	Pre-Requisites
<b>Required Courses</b>				
*CHEM 1220/1225	Principles of Chemistry II/Lab	4/1	S/Su	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 4110	Biochemistry I	4		CHEM 2320 & BIOL 1620
CHEM 4120	Biochemistry II	4	S	CHEM 4110
CHEM 4230	Instrumental Analysis	3	S-even	CHEM 3000 or CHEM 3620
CHEM 4240	Analysis Laboratory	2	S	CHEM 4230
CHEM 4540 (must get 3 credits)	Selected Topics in Chemistry	3	TBA	Permission and admission to program
CHEM 4990	Chemical Literature & Seminar	1	S	CHEM 2320 or UD CHEM
MATH 1040	Statistics	4	F/S/Su	ACT 21 or MATH 1010/990
*MATH 1220	Calculus II	4	F/S	MATH 1210
PHYS 2210/2215	Physics for Scientists & Engineers/Lab	4/1	F/S	MATH 1210
PHYS 2220/2225	Physics for Scientists & Engineers/Lab	4/1	F/S	PHYS 2210/15, MATH 1220
CJ 1340	Criminal Investigation	3	F	
CJ 1350	Introduction to Forensic Science	3	F	
CJ 2350	Laws of Evidence	3	F	CJ 1010
CJ 3100	Advanced Criminalistics	3	S	CJ 1010, CJ 1340, CJ 1350
BIOL 1620/1625	General Biology II/Lab	3/1	F/S	BIOL 1610/1615
BIOL 3060/3065	Genetics/Lab	3/1	S	BIOL 1620/25 & CHEM 1110 OR 1210
BIOL 3310/3315	Cell & Molecular Biology/Lab	3/1	S	BIOL 3060/3065
Free UD Electives to total 40		6		
<b>FOUNDATION COURSES</b>				
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
<b>GENERAL EDUCATION</b>				
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	
<b>SOC SCIENCE</b>	<b>CJ 1010</b>	3	F/S	
<b>LIFE SCIENCE</b>	<b>BIOL 1610/1615</b>	3/1	F/S	
<b>*PS: CHEM 1210/1215</b>	<b>Principles of Chemistry I/Lab</b>	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](#)).