

BA IN CHEMISTRY PLAN OF STUDY

This is the suggested plan of study to graduate in four years with a Bachelor of Arts in Chemistry. This plan assumes the student has not satisfied the foreign language requirement.

Please [consult the online course catalog](#) for course descriptions.

YEAR ONE

Fall

Course Name	Credit
CHEM 105	4
MATH 171	3
NSS 101	1
IL 101	1
ENGL 101	3
Social Science Elective	3
Total Credits	15

Spring

Course Name	Credit
†CHEM 106	4
†CHEM 110 & 150	2
KIN 149	1
†MATH 191	4
COMM 129/132/203/228/329	3
PHIL Elective 100-200	3
Total Credits	17

YEAR TWO

Fall

Course Name	Credit
†CHEM 207/209	4
†MATH 192	4
†PHYS 203/L or 251/L	4
Humanities Elective	3
KIN Elective	1-2
Total Credits	15

Spring

Course Name	Credit
†CHEM 208/210	4
†PHYS 203/L or 251/L	4
THEO Elective 100-200	3
Elective	3
Total Credits	15-16

YEAR THREE

Fall

Course Name	Credit
†CHEM 313/L or 314/L^	4
†CHEM 301 (Quant)	4
Foreign Language 101	3
WI Elective (must be taken at SAU)	3
Humanities Elective	3
Total Credits	17

Spring

Course Name	Credit
†CHEM 303 (Instrumental)	4
†CHEM 319/L,321/L,333/L*	4
†CHEM 350 Chem Lit (must be taken at SAU)	2
Creative Arts Elective	2
Foreign Language 102	3
Total Credits	15

YEAR FOUR

Fall

Course Name	Credit
†CHEM 313/L or 314/L^	4
THEO/PHIL Elective (300 level)	3
Elective (300 level)	3
Elective	3
Total Credits	13

Spring

Course Name	Credit
†CHEM 319/L,321/L,333/L*	4
2 Electives, 300 level	6
Elective	3
Total Credits	13

* Must take one of these three courses

^ Do not have to take both of these courses

300 Level Credits: 21 Credits from requirements and need 9 more

† Needs prerequisite

CONCENTRATIONS

Students can choose from three concentrations for our Bachelor of Arts in Chemistry program. Options include:

- Pre-Med concentration; required courses include: CHEM 319 and 320; BIOL 181, 191, 230, 232, 301 and 303
- Forensics concentration; required courses include: CHEM 401, BIOL 105 or 181, 205 or 230; CRJU 101, 221, and 320, and 342.
- Secondary Chemistry Education concentration; requirements, including eligibility for student teaching, include a minimum cumulative GPA of 2.75. All education and endorsement coursework must be completed with a grade of C- or higher. Candidates must demonstrate proficiency in dispositional evaluations related to professionalism. Program requirements also include a semester-long student teaching experience and a minimum of 140 hours of pre-student teaching fieldwork across at least two different school sites. Students are encouraged to tailor their studies to admission requirements of medical schools in which they are interested by taking other science and mathematics courses as electives.