BS in Chemistry (American Chemical Society Accredited)

Under the BS degree in Chemistry, the following subject preparatory courses are generally assumed complete prior to transferring:

- General Chemistry (CHE 2ABC or CHE 4ABC)
- Organic Chemistry (CHE 128ABC + CHE 129ABC)
- Calculus + Vector Analysis (MAT 21ABCD)
- Linear Algebra (MAT 22A + MAT 22AL or MAT 27A)
- Differential Equations (MAT 22B or MAT 27B)
- Classical Physics (PHY 9ABC)

To determine the equivalency between the college or university you attended and UC Davis, please go to assist.org.

Do you need to complete all of your preparatory subject matter (at least the ones you can complete) that is specific to the BS degree in Chemistry? Not necessarily since recent history has shown that not all transfer majors meet the requirements, lower and/or upper. For example, some have not yet or are unable to complete their physics courses or some have yet to complete their o-chem courses. If this turns out to be your case, we will help you plan out your studies accordingly to ensure normal and timely progression within the major.

The following sample schedule is for your first year under the BS degree in Chemistry. It includes the suggested sequence of courses to enroll if you have completed all of the subject preparatory requirements.

This information is provided for your convenience, but is not meant to replace a consultation with our undergraduate advising team in the Department of Chemistry. Classes are subject to change. Be sure to check your MyDegree portal for your full list of degree requirements, including General Education and your College English Composition Requirement.

Sample Schedule; First Year Transfer Student:

Fall Quarter (12-14 Units)
- CHE 110A, 4 Units
- CHE 124A, 3 Units
- GE or Elective (Example: ECS 32A), 4 units
- First-Year Seminar, 1-2 Units

Winter Quarter (12-14 Units)
- CHE 110B, 4 Units
- CHE 124B, 3 Units
- GE or Elective (Example: ECH 001), 3 Units
- GE or Elective (Example: PLS 06V), 2 Units

Spring Quarter (12-14 Units)
- CHE 110C, 4 Units
- CHE 124L, 2 Units
- UWP 101 or UWP 104E, 4 Units
- GE or Elective (Example: NUT 10V), 3 Units