

## BS in Chemical Physics

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

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

To determine the equivalency between the college or university you attended and UC Davis, please go to [assist.org](http://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 Chemical Physics? 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 Chemical Physics. 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
- PHY 9D, 4 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 124A, 3 Units
- GE or Elective (Example: ECH 001), 3 Units
- GE or Elective (Example: PLS 06V), 2 Units

#### Spring Quarter (12-14 Units)

- CHE 105, 4 Units
- CHE 110C, 3 Units
- UWP 101 or UWP 104E, 4 Units
- GE or Elective (Example: NUT 10V), 3 Units