

Chemistry, BA

Academic Plans

Four-Year Graduation Plan

The following checkpoints list the minimum requirements students must complete by certain semesters in order to stay on the university's Four-Year Graduation Plan. Courses in the major are those required to complete the major; they may be offered by departments other than the major department.

Courses in the chemistry major have prerequisites, so they must be taken in the correct order. Most advanced courses are taught only once a year. Students should consult their academic advisors and plan their course schedules carefully. They should take CHEM:2021 Fundamentals of Chemical Measurements during the first semester of the second year. Typical chemistry course schedules and a regression list are available at Undergraduate Program in Chemistry on the Department of Chemistry website.

Before the third semester begins: math through MATH:1460 Calculus for the Biological Sciences, MATH:1550 Engineering Calculus I, or MATH:1850 Calculus I; CHEM:1110 Principles of Chemistry I and CHEM:1120 Principles of Chemistry II, or equivalent coursework.

Before the fifth semester begins: CHEM:2021 Fundamentals of Chemical Measurements; CHEM:2210 Organic Chemistry I, CHEM:2220 Organic Chemistry II, and CHEM:2410 Organic Chemistry Laboratory, or CHEM:2230 Organic Chemistry I for Majors, CHEM:2240 Organic Chemistry II for Majors, and CHEM:2420 Organic Chemistry Laboratory for Majors; and STAT:2010 Statistical Methods and Computing, STAT:3510 Biostatistics, MATH:1560 Engineering Calculus II, or MATH:1860 Calculus II.

Before the seventh semester begins: two more courses in the major; PHYS:1511 College Physics I-PHYS:1512 College Physics II or PHYS:1611 Introductory Physics I-PHYS:1612 Introductory Physics II; and at least 90 s.h. earned toward the degree.

Before the eighth semester begins: CHEM:4430 Principles of Physical Chemistry and one more course in the major.

During the eighth semester: enrollment in all remaining coursework in the major, all remaining GE CLAS Core courses, and a sufficient number of semester hours to graduate.

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Chemistry, BA

This sample plan is currently being reviewed and will be added at a later date.