The major is generally oriented toward preparing students to become professional scientists. At the same time, the curriculum is rigorous, yet flexible enough to prepare students for immediate employment, graduate study, or work in an allied profession. From introductory through advanced courses, students have access to departmental instrumentation and facilities. The faculty values a hands-on approach to chemical education. The major is structured to provide a strong foundation and to allow for faculty-directed independent research or interdisciplinary study.

Students considering a major in Chemistry should consult a member of the faculty for advice on the sequence of courses, as the courses in related fields described below are prerequisites for upper-level Chemistry courses.

A version of this degree with careful selection of upper level electives is approved by the Committee on Professional Training of the American Chemical Society (ACS). Completion of this program leads to a B.S. in Chemistry with American Chemical Society Certification.