

CHEMISTRY (MINOR)

Department Website (<http://as.nyu.edu/chemistry/>)

Program Description

The Department of Chemistry has a long tradition in the College of Arts and Science, dating back well before the founding of the American Chemical Society at New York University in 1876. Professor John W. Draper, the first president of the society and chair of the department, was a remarkable polymath: chemist, physician, philosopher, historian, and pioneering photographer.

The department has undertaken a major development plan, strengthening its faculty, instructional laboratories, course offerings, and research facilities in the areas of physical, biophysical, bioorganic, and biomedical chemistry, as well as in chemical biology, nanoscience, and materials sciences. Qualified undergraduates are strongly encouraged to participate in research as early as their sophomore year of study. The department houses state-of-the-art laboratory facilities for its undergraduate chemistry courses.

Studying Chemistry at NYU provides strong preparation for graduate study in chemistry and biochemistry; professional education in medicine, dentistry, or patent law; and careers in industrial or pharmaceutical chemistry and biotechnology.

Minor Declaration

To request declaration of a minor, CAS students should visit the host department. To request declaration of a cross-school minor, CAS students should complete the online Minor Application available in their Albert Student Center. Students may also use the Minor Application (<https://www.nyu.edu/students/student-information-and-resources/registration-records-and-graduation/forms-policies-procedures.html>) in Albert to request cancellation of a CAS or cross-school minor.

Program Requirements

The minor requires four 5-credit courses (20 credits), comprised of the following:

Course	Title	Credits
Minor Requirements ¹		
CHEM-UA 125	General Chemistry I & Laboratory	5
CHEM-UA 126	General Chemistry II & Laboratory	5
CHEM-UA 225 or CHEM-UA 227	Organic Chemistry I & Laboratory Majors Organic Chemistry I & Laboratory	5
CHEM-UA 226 or CHEM-UA 228	Organic Chemistry II & Laboratory ² Majors Organic Chemistry II & Laboratory	5
Total Credits		20

¹ Only two of the four courses may also be used to satisfy the requirements of another department's major.

² Biology majors are required to take an additional upper-level chemistry course after Organic Chemistry II.

Policies

Program Policies

Grading and GPA Policy

All courses for the minor in Chemistry must be completed with a grade of C or better; courses graded Pass/Fail do not count toward the minor.

Prerequisite Policy

The Department of Chemistry strictly enforces all prerequisites and de-enrolls students from courses for which they do not meet the prerequisites. Prerequisite courses must be completed with a grade of C (not C minus) or better.

Laboratory Policy

Due to the potential hazard of any chemical experimentation, safety goggles, laboratory coats, and other protective gear must be worn at all times in the laboratories (but cannot be worn outside the laboratory). Laboratory equipment loaned to students must be replaced if damaged or broken. Students who do not return borrowed laboratory equipment at the end of a course are charged an additional fee, and their grade may be recorded as incomplete and not released until "checkout" is completed.

School of Engineering courses

No CAS student (whether majoring or minoring in this department or not) is allowed to take Tandon substitute courses for CHEM-UA 125, 126, 127, 128, 129 (General Chemistry); 225, 226, 227, 228 (Organic Chemistry); 651, 652, 661 (Physical Chemistry); 711 (Inorganic Chemistry); or 881, 882, 885, 890 (Biochemistry). However, students pursuing a major in the Department of Chemistry may seek prior permission of the director of undergraduate studies to take advanced electives in the School of Engineering and apply them to the major. This is reviewed on a case-by-case basis. These courses count against each student's 16-credit allowance in the other divisions of NYU and cannot be applied to the 64-credit UA residency requirement.

NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

College of Arts and Science Policies

A full list of relevant academic policies can be found on the CAS Academic Policies page (<https://bulletins.nyu.edu/undergraduate/arts-science/academic-policies/>).