CHEMISTRY, B.S. - CHEMISTRY M.S. ACCELERATED PATHWAY

The program outline and graduation requirements are listed below. In addition, free electives are selected to reach 120 credits overall and a 3.0 cumulative GPA is required for graduation.

The department website provides an overview of the program, admission requirements (when applicable), faculty biographies, learning outcomes, and careers: https://www.southernct.edu/academics/chemistry/programs

GENERAL EDUCATION REQUIREMENTS

All bachelor’s degree programs include liberal education (LEP) and writing (W) course requirements. Detailed information on these requirements is published in this section of the catalog: https://catalog.southernct.edu/undergraduate/general-information/lep.html

Writing courses are not additional course requirements, course sections that meet this requirement are designated with a ‘W’ on the class schedule. Courses in the major and/or cognate may also be used to satisfy LEP requirements where noted below (*).

MAJOR REQUIREMENTS (47 Credits)

GPA of 2.0 required in the major

Chemistry Requirements (35 Credits)
CHE 120 – General Chemistry I
CHE 121 – General Chemistry II
CHE 240 – Analytical Chemistry
CHE 260 – Organic Chemistry I
CHE 261 – Organic Chemistry II
CHE 370 – Physical Chemistry I
CHE 435 - Inorganic Chemistry I
CHE 301, CHE 445 and CHE 496 - Chemistry Connection (T3)*
   CHE 371
   – Physical Chemistry II
   CHE 372
   – Physical Chemistry Laboratory I
   CHE 373
   – Physical Chemistry Laboratory II
   CHE 436
   — Inorganic Chemistry Lab

BS to MS Accelerated Pathway (12 Credits)
Graduate courses require a grade of ’C’ or higher
CHE 586 - Chemistry Research I
CHE 587 - Chemistry Research II
Select two additional graduate CHE courses at the 500-level or above.

In order to receive a degree in chemistry from Southern Connecticut State University, along with satisfying the requirements listed above students must complete a minimum of 16 credits of advanced chemistry courses (300 level or above) at SCSU.

**COGNATE REQUIREMENTS (20 Credits)**

- MAT 150 – Calculus I (T1QR)*
- MAT 151 – Calculus II
- MAT 252 – Calculus III
- PHY 230 – Physics for Scientists and Engineers I (T2PR)*
- PHY 231 – Physics for Scientists and Engineers II