

Sample Schedules for Chemistry Majors Planning to Participate in a Non-science Study Abroad Program

Below are modified 4-year schedules of science classes for Chemistry majors wishing to go to abroad to a non-science location. Deviations from the typical course schedule are given in blue. This schedule is based on the assumption that the student has followed the typical course schedule through their first three semesters at Notre Dame.

Abroad Fall Semester Junior Year

Freshman Year

Fall

CHEM 10181/11181
PHYS 10310/11310
MATH 10550

Intro to Chemical Principles (with lab)
Physics I (with lab)
Calculus I

Spring

CHEM 10182/11182
PHYS 10320/11320
MATH 10560

Organic Structure and Mechanism (with lab)
Physics II (with lab)
Calculus II

Sophomore Year

Fall

CHEM 20283/21283
CHEM 23201

Organic Reactions and Applications (with lab)
Chemistry Seminar

Spring

CHEM 20284/21284

Chemistry Across the Periodic Table (with lab)

Junior Year

Fall

Semester Abroad-No Science Classes

Spring

CHEM 20262
CHEM 30333/31333
CHEM 40420*

Mathematical Methods
Analytical Chemistry (with lab)
Principles of Biochemistry (no lab)

Senior Year

Fall

CHEM 30321
CHEM 40443/41443

Physical Chemistry I (no lab)
Advanced Inorganic Chemistry (with lab)

Spring

CHEM 30322
CHEM 40434 or 40436

Physical Chemistry II (with lab)
Physical Methods or Instrumental Methods (no lab)

Plus two additional chemistry seminars. Can be taken at any time.

***Note: Analytical Chemistry and Principles of Biochemistry are offered both fall and spring semesters, allowing for flexibility in when you choose to take these courses. They can be taken as early as spring semester sophomore year.**

Abroad Spring Semester Junior Year

Freshman Year

Fall

CHEM 10181/11181
PHYS 10310/11310
MATH 10550

Intro to Chemical Principles (with lab)
Physics I (with lab)
Calculus I

Spring

CHEM 10182/11182
PHYS 10320/11320
MATH 10560

Organic Structure and Mechanism (with lab)
Physics II (with lab)
Calculus II

Sophomore Year

Fall

CHEM 20283/21283
CHEM 23201

Organic Reactions and Applications (with lab)
Chemistry Seminar

Spring

CHEM 20284/21284
CHEM 20262

Chemistry Across the Periodic Table (with lab)
Mathematical Methods

Junior Year

Fall

CHEM 30321
CHEM 30333/31333*

Physical Chemistry I (**no lab**)
Analytical Chemistry (with lab)

Spring

Semester Abroad-No Science Classes

Senior Year

Fall

CHEM 40443/41443
CHEM 40420*

Advanced Inorganic Chemistry (with lab)
Principles of Biochemistry (no lab)

Spring

CHEM 30322
CHEM 40434 or 40436

Physical Chemistry II (with lab)
Physical Methods or Instrumental Methods (no lab)

Plus two additional chemistry seminars. Can be taken at any time.

***Note: Analytical Chemistry and Principles of Biochemistry are offered both fall and spring semesters, allowing for flexibility in when you choose to take these courses. They can be taken as early as spring semester sophomore year.**