

Sample Schedules for Chemistry Majors Participating in a Non-science Study Abroad Program

Below are modified 4-year schedules of science classes for Chemistry majors wishing to go 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	Intro to Chemical Principles (with lab)
PHYS 10310/11310	Physics I (with lab)
MATH 10550	Calculus I

Spring

CHEM 10182/11182	Organic Structure and Mechanism (with lab)
PHYS 10320/11320	Physics II (with lab)
MATH 10560	Calculus II

Sophomore Year

Fall

CHEM 20283/21283	Organic Reactions and Applications (with lab)
CHEM 23201	Chemistry Seminar
Science Elective*	

Spring

CHEM 20284/21284	Chemistry Across the Periodic Table (with lab)
Science Elective*	

Junior Year

Fall

Semester Abroad-No Science Classes

Spring

CHEM 20262	Mathematical Methods
CHEM 30333/31333*	Analytical Chemistry (with lab)
CHEM 40420*	Principles of Biochemistry (no lab)

Senior Year

Fall

CHEM 30321	Physical Chemistry I (no lab)
CHEM 40443/41443	Advanced Inorganic Chemistry (with lab)

Spring

CHEM 30322	Physical Chemistry II (with lab)
CHEM 40434 or 40436	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. Chemistry majors also need 6 credits of science electives. These can be taken anytime. Undergraduate research can also be used to fulfill this requirement.**

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
Science Elective*

Organic Reactions and Applications (with lab)
Chemistry Seminar

Spring

CHEM 20284/21284
CHEM 20262
Science Elective*

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. Chemistry majors also need 6 credits of science electives. These can be taken anytime. Undergraduate research can also be used to fulfill this requirement.**