

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

Below are modified 4-year schedules of science classes for biochemistry 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
BIOS 10161/11161
MATH 10550

Intro to Chemical Principles (with lab)
Biological Sciences I (with lab)
Calculus I

Spring

CHEM 10182/11182
BIOS 10162/11162
MATH 10560

Organic Structure and Mechanism (with lab)
Biological Sciences II (with lab)
Calculus II

Sophomore Year

Fall

CHEM 20283/21283
CHEM 23201
CHEM 23212
PHYS 30210/31210

Organic Reactions and Applications (with lab)
Chemistry Seminar
Biochemistry Seminar
Physics I (with lab)

Spring

CHEM 20284/21284
PHYS 30220/31220

Chemistry Across the Periodic Table (with lab)
Physics II (with lab)

BIOS 20303/21303

Fundamentals of Genetics (with lab*)

(* lab can be postponed until spring Sr. year if you want; avoids 3 labs in one semester.)

Junior Year

Fall

Semester Abroad-No Science Classes

Spring

CHEM 20262
BIOS 30341/31341
CHEM 30333/31333

Mathematical Methods
Cell Biology (with lab)
Analytical Chemistry (with lab)

Senior Year

Fall

CHEM 50531
CHEM 30341/31341
CHEM 30321

Molecular Biology I
Fundamentals of Biochemistry (with lab)
Physical Chemistry I (no lab)

Spring

CHEM 30342
CHEM 30322

Intermediary Metabolism (no lab)
Physical Chemistry II (no lab)

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

Abroad Spring Semester Junior Year

Freshman Year

Fall

CHEM 10181/11181
BIOS 10161/11161
MATH 10550

Intro to Chemical Principles (with lab)
Biological Sciences I (with lab)
Calculus I

Spring

CHEM 10182/11182
BIOS 10162/11162
MATH 10560

Organic Structure and Mechanism (with lab)
Biological Sciences II (with lab)
Calculus II

Sophomore Year

Fall

CHEM 20283/21283
CHEM 23201
CHEM 23212
PHYS 30210/31210

Organic Reactions and Applications (with lab)
Chemistry Seminar
Biochemistry Seminar
Physics I (with lab)

Spring

CHEM 20284/21284
CHEM 20262
PHYS 30220/31220

Chemistry Across the Periodic Table (with lab)
Mathematical Methods
Physics II (with lab)

Junior Year

Fall

CHEM 30341/31341
CHEM 30321
BIOS 30341/31341

Fundamentals of Biochemistry (with lab)
Physical Chemistry I (**no lab**)
Cell Biology (with lab)

Spring

Semester Abroad-No Science Classes

Senior Year

Fall

CHEM 50531
CHEM 30333/31333

Molecular Biology I
Analytical Chemistry (with lab)

Spring

CHEM 30342
CHEM 30322
BIOS 20303/21303

Intermediary Metabolism (no lab)
Physical Chemistry II (no lab)
Fundamentals of Genetics (with lab)

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