

**An example of a sequence of courses for the Chemistry Major, Honors track, that includes a semester abroad during junior year**

*First Year*

**Fall**

CHEM1117 Honors Modern Chemistry I  
CHEM1119 Honors Modern Chemistry Laboratory I  
PHYS2200 Intro to Physics I  
PHYS2050 Physics Laboratory I  
MATH1105 Calculus II

**Spring**

CHEM1118 Honors Modern Chemistry II  
CHEM1120 Honors Modern Chemistry Laboratory II  
PHYS2201 Intro to Physics II  
PHYS2051 Physics Laboratory II  
MATH2202 Multivariable Calculus (*pre-requisites: MATH1103 or 1105*)

*Second Year*

**Fall**

CHEM2241 Honors Organic Chemistry I (*pre-requisites: CHEM1117-1118*)  
CHEM2243 Honors Organic Chemistry Laboratory I (*pre-requisites: CHEM1119-1120*)  
CHEM4475 Physical Chemistry I (*pre- or co-requisites: MATH2202, PHYS2200-2201*)

**Spring**

CHEM2242 Honors Organic Chemistry II (*pre-requisite: CHEM2241*)  
CHEM2234 Organic Chemistry Laboratory II  
CHEM3322 Intro to Inorganic Chemistry (*pre-requisites: CHEM1109-1110*)  
CHEM3324 Inorganic Chemistry Laboratory

*Third Year*

**Fall**

CHEM3351 Analytical Chemistry (*pre-requisites: CHEM1109-1110 or 1117-1118*)  
CHEM3353 Analytical Chemistry Laboratory

**Spring**

Semester abroad

*Fourth Year*

**Fall**

Chemistry Electives (recommended)

**Spring**

CHEM476 Physical Chemistry II (*pre- or co-requisites: MATH2202, PHYS2200-2201*)  
CHEM5552 Advanced Methods in Chemistry I (*pre-requisites: CHEM3351, CHEM4475*)  
CHEM5554 Advanced Methods in Chemistry Laboratory I  
Chemistry Electives (recommended)