

An example of a sequence of courses for the Chemistry Major, Honors track

First Year

Fall

CHEM1117 Honors Modern Chemistry I
CHEM1119 Honors Modern Chemistry Laboratory I
MATH1102 Calculus I

Spring

CHEM1118 Honors Modern Chemistry II
CHEM1120 Honors Modern Chemistry Laboratory II
MATH1103 Calculus II

Second Year

Fall

CHEM2241 Honors Organic Chemistry I (*pre-requisites: CHEM1117-1118*)
CHEM2243 Honors Organic Chemistry Laboratory I (*pre-requisites: CHEM1119-1120*)
CHEM3351 Analytical Chemistry (*pre-requisites: CHEM1109-1110 or 1117-1118*)
CHEM3353 Analytical Chemistry Laboratory
MATH2202 Multivariable Calculus (*pre-requisites: MATH1103 or 1105*)

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

CHEM4475 Physical Chemistry I (*pre- or co-requisites: MATH2202, PHYS2200-2201*)
PHYS2200 Intro to Physics I
PHYS2050 Physics Laboratory I

Spring

CHEM4476 Physical Chemistry II (*pre- or co-requisites: MATH2202, PHYS2200-2201*)
PHYS2201 Intro to Physics II
PHYS2051 Physics Laboratory II

Fourth Year

Fall

Chemistry Electives (recommended)

Spring

CHEM5552 Advanced Methods in Chemistry I (*pre-requisites: CHEM3351, CHEM4475*)
CHEM5554 Advanced Methods in Chemistry Laboratory I
Chemistry Electives (recommended)