An example of a sequence of courses for the Chemistry Major, Non-honors track

**First Year**

**Fall**
- CHEM1109 General Chemistry I
- CHEM1111 General Chemistry Laboratory I
- MATH1102 Calculus I

**Spring**
- CHEM1110 General Chemistry II
- CHEM1112 General Chemistry Laboratory II
- MATH1103 Calculus II

**Second Year**

**Fall**
- CHEM2231 Organic Chemistry I (*pre requisites: CHEM1109-1110*)
- CHEM2233 Organic Chemistry Laboratory I (*pre requisites: CHEM1111-1112*)
- PHYS2200 Intro to Physics I
- PHYS2050 Physics Laboratory I
- MATH2202 Multivariable Calculus (*pre requisites: MATH1103 or 1105*)

**Spring**
- CHEM2232 Organic Chemistry II (*pre requisite: CHEM2231*) or
- CHEM2234 Organic Chemistry Laboratory II
- PHYS2201 Intro to Physics II
- PHYS2051 Physics Laboratory II

**Third Year**

**Fall**
- CHEM3351 Analytical Chemistry (*pre requisites: CHEM1109-1110 or 1117-1118*)
- CHEM3353 Analytical Chemistry Laboratory
- CHEM4475 Physical Chemistry I (*pre- or co-requisites: MATH2202, PHYS2200-2201*)

**Spring**
- CHEM4476 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

**Fourth Year**

**Fall**
- CHEM4465 Biochemistry (Chemistry Majors) (*pre requisites: CHEM2231-2232 or 2241-2242*)
- Chemistry Electives (recommended)

**Spring**
- CHEM3322 Intro to Inorganic Chemistry (*pre requisites: CHEM1109-1110*)
- CHEM3324 Inorganic Chemistry Laboratory
- Chemistry Electives (recommended)