Bachelor of Science in Chemistry (125 credits)

Freshman

Fall (15 cr)
- CHM1213 Univ Chem 1 (Placement)
- CHM1223 Univ Chem 2
- CHM1221 U Chem 1 Lab
- CHM1231 U Chem 2 Lab

Spring (14 cr)
- CHM2313 Organic Chem 1
- CHM2311 Org Chem 1 Lab
- MCS2414 Calculus 1 (Placement)
- MCS1424 Calculus 2
- CHM2352 Analyt Chem Lab
- PHY2413 Univ Physics 1 (Placement)
- PHY2421 U Phys 1 Lab
- COM1103 College Comp (Placement)
- SSC2413 Found Am Exp
- LLT1213 World Masterpieces 1

Sophomore

Fall (17 cr)
- CHM2311 Org Chem 1 Lab
- CHM2321 Org Chem 2 Lab
- MCS3403 Prob. & Stat. or MCS2423 Diff. Equations
- PHY2423 Univ Physics 2
- COM3000 Writing Proficiency Exam

Spring (14 cr)
- CHM2343 Analytical Chem
- CHM2323 Organic Chem 2
- CHM2321 Org Chem 2 Lab
- PHY2431 U Phys 2 Lab
- LLT1223 World Masterpieces 2

Junior/Senior Curriculum (example)***

Fall (15 cr)
- CHM3434** Physical Chemistry 2
- CHM3432* Intermediate Inorganic Chem
- CHM2352* Analytical Chem
- PHY2431 U Phys 2 Lab
- CHM3443 Intermediate Inorganic Chem
- CHM3432 Intermediate Inorganic Chem

Spring (16 cr)
- CHM3423 Physical Chemistry 1
- CHM3441 Physical Chem 2 Lab
- MCS3403 Biochemistry
- CHM3411 Biochemistry Lab
- CHM3411 Biochemistry Lab
- CHM4632* Instrumental Analysis Lab

Fall (17 cr)
- CHM3452* Intermediate Inorganic Chem
- CHM3452* Intermediate Inorganic Chem
- CHM3452* Intermediate Inorganic Chem
- CHM3452* Intermediate Inorganic Chem
- CHM3452* Intermediate Inorganic Chem

Spring (17 cr)
- CHM4541* Adv Spectroscopy Lab
- LLT___3 Junior/Senior LLT Elective
- SSC/PSY___3 Junior/Senior SSC/PSY Elective
- CHM4912# Senior Project 1 (Senior Standing)
- CHM4922# Senior Project 2
- General Electives 4 credits (of 10 total)
- General Electives 6 credits (of 10 total)

*Courses marked with an asterisk are offered every two years and must be taken when offered in order to graduate in a timely fashion
**CHM3434 must be taken in the Fall of the Junior year in order to provide the proper prerequisite for courses in the Junior Spring.
***An individual plan of work leading to the degree will be established in consultation with the student’s advisor no later than the Fall of the Junior year

(Placement): Entry requires passing score on a placement exam

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Leftmost course is prerequisite
One course is corequisite to the other