General Chemistry I  
CHM 1045, CHM 1045L (4 credits)  
Recommended: Fall term, Year 1  
(Prerequisite: CHM1025 or Math Placement (ALEKS) exam showing proficiency beyond College Algebra level, or MAC 1105 College Algebra)

General Chemistry II  
CHM 1046, CHM 1046L (4 credits)  
Recommended: Spring term, Year 1

Analytical Chemistry  
CHM 3120, CHM 3120L (4 credits)  
Recommended: Summer term, Year 1

Organic Chemistry I  
CHM 2210, CHM2210L (5 credits)  
Recommended: Fall term, Year 2

Organic Chemistry II  
CHM 2211, CHM 2211L (4 credits)  
Recommended: Spring term, Year 2

Complete one of the following courses and its corresponding lab if applicable:  
(3 credits) Prerequisites vary.  
BSC1011/BSC1011L, CCJ3024, EVR3011, EVR3013/EVR3013L, EVR4211/EVR4211L, EVR4231, EVR4310, EVR4592/EVR4592L, GLY3202/GLY3202L, GLY4822, OCE3014

Complete two lecture courses; one of them with the associated lab: (7 credits)

Advanced Organic Chemistry CHM 4220 (Prerequisite: CHM 2111)

Structural Determination Lab CHM 4230L (Prerequisite: CHM 2111)

Bio-Organic Chemistry CHM 4300 (Prerequisite: CHM 2111)  
Structural Determination Lab CHM 4230L (Prerequisite: CHM 2111)

Instrumental Analysis CHM 4130, CHM 4130L (Prerequisite: CHM2111, CHM3120, CHM 3410)  
Biological Chemistry II CHM 4307, CHM4307L (Prerequisite: CHM 4304)

Physical Chemistry II CHM 3411, CHM3411L (Prerequisite: CHM 3410)

Fund. of Inorganic Chemistry CHM 3610 (Prerequisite: CHM 2111)

Senior Seminar CHM 4930 (3 credits) Taken in the last semester

NOTES  
BS Prerequisites: BSC 1010, BSC 1010L, PHY 2048/2053, PHY 2048L, PHY 2049/2054, PHY 2049 MAC 2311, MAC 2312

Total upper-division credits: 23

Student Learning Outcomes

- General Knowledge
- Communication Skills
- Critical Thinking
- Discipline Specific Knowledge