

Courses that are CAPITALIZED are considered "critical" to timely degree progression.

| Course ID | Course Title | Credit hours | Core Requirement | Important Notes | Term Taken |
|---|-----------------------------------|--------------|------------------|--|------------|
| Year One: Fall 12 week (12 credit hours) 2015/16 | | | | | |
| CHEM 12000 | Structure and Bonding | 4 | SM | | |
| MATH 19800 | Calculus I | 4 | MM | | |
| FRCL 10101 | First Year Colloquium | 4 | | | |
| Year One: Fall 3 week (3 credit hours) | | | | | |
| | Hiram Core Requirement | 3 | | | |
| Year One: Spring 12 week (12 credit hours) | | | | | |
| CHEM 12100 | Introduction to Chemical Analysis | 4 | | | |
| MATH 19900 | Calculus II | 4 | | | |
| FSEM 10201 | First Year Seminar | 4 | | | |
| Year One: Spring 3 week (3-4 credit hours) | | | | | |
| CHEM 24000 | Quantitative Analysis | 4 | | | |
| Year Two: Fall 12 week (12 credit hours) 2016/17 | | | | | |
| CHEM 22000 | Introduction to Organic Chemistry | 4 | | | |
| PHYS 21300 | Fundamentals of Physics I | 4 | | | |
| | Hiram Core Requirement | 4 | | | |
| Year Two: Fall 3 week (3-4 credit hours) | | | | | |
| | Elective | 3-4 | | | |
| Year Two: Spring 12 week (12 credit hours) | | | | | |
| CHEM 32000 | Intermediate Organic Chemistry | 4 | | | |
| PHYS 21400 | Fundamentals of Physics II | 4 | | | |
| | Interdisciplinary Requirement | 4 | | | |
| Year Two: Spring 3 week (3-4 credit hours) | | | | | |
| | Interdisciplinary Requirement | 3-4 | | | |
| Year Three: Fall 12 week (12 credit hours) 2017/18 | | | | | |
| CHEM 35000 | Physical Chemistry I | 4 | | | |
| | Foreign Language Requirement | 4 | | | |
| | Hiram Core Requirement | 4 | | | |
| Year Three: Fall 3 week (3-4 credit hours) | | | | | |
| CHEM 38100 | Special Topics in Chemistry | 4 | | | |
| Year Three: Spring 12 week (12 credit hours) | | | | | |
| CHEM 23000 | Introduction Inorganic Chemistry | 4 | | Offered every other year in even springs | |
| CHEM 35100 | Physical Chemistry II | 4 | | | |
| | Foreign Language Requirement | 4 | | | |
| Year Three: Spring 3 week (3-4 credit hours) | | | | | |
| CHEM 48200 | Research Techniques in Chemistry | 4 | | | |
| Year Four: Fall 12 week (12 credit hours) 2018/19 | | | | | |
| BCHM 36600 | Introduction to Biochemistry | 4 | | | |
| | Hiram Core Requirement | 4 | | | |
| | Elective | 4 | | | |
| Year Four: Fall 3 week (3-4 credit hours) | | | | | |
| | Hiram Core Requirement | 3-4 | | | |

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|--|------------------------|--------------|------------------|-----------------|------------|
| Year Four: Spring 12 week (12 credit hours) | | | | | |
| CHEM 48000 | Senior Seminar | 1 | | | |
| | Elective | 3-4 | | | |
| | Hiram Core Requirement | 4 | | | |
| Year Four: Spring 3 week (3-4 credit hours) | | | | | |
| | Elective | 3-4 | | | |

| Minimum Total Program Hours | Minimum Required Major GPA | Minimum Required Cumulative GPA |
|-----------------------------|----------------------------|---------------------------------|
| 120 | 2.00 | 2.00 |

| Hiram Core: Ways of Knowing Category | Qualifying Course(s) in Program | Fulfilled or Required | Term Taken |
|--|--------------------------------------|-----------------------|------------|
| Creative Methods (CM) | | Required | |
| Interpretive Methods (IM) | | Required | |
| Modeling Methods (MM) | MATH 19800 and 19900 | Fulfilled | |
| Scientific Methods (SM) | CHEM 12000, 12100; PHYS 21300, 21400 | Fulfilled | |
| Social and Cultural Analysis (CA) | | Required | |
| Experiencing the World (EW) | | Required | |
| Understanding Diversity (UD) | | Required | |
| Meaning, Ethics and Social Responsibility (ES) | | Required | |
| Interdisciplinary Requirement (INTD) | | Required | |

Major Note: The ACS (American Chemical Society) Certified Chemistry major requires the additional courses CHEM 35100; and CHEM 48200 or BCHM 48300; BCHM 36000 and minimum of 3 hours of elective chemistry courses from the 30000 or 40000 level.

Foreign language requirement note: students placing out of the foreign language requirement should take an elective, second major or minor course.

PATHWAY NOTE: This is a recommended Major Pathway; individual pathways may vary. Advisor consultation is a vital part of timely graduation.