

| Course ID | Course Title | Credit hours | Core Requirement | Important Notes | Term Taken |
|--|--|--------------|---------------------------|-----------------|------------|
| Year One: Fall 12 week (12 credit hours) | | | | | |
| FRCL 10101 | First Year Colloquium | 4 | | | |
| CHEM 12000 | General I – Structure and Bonding | 4 | SM | | |
| MATH 19800 | Calculus I | 4 | MM | | |
| Year One: Fall 3 week (3-4 credit hours) | | | | | |
| | Elective | 3-4 | | | |
| Year One: Spring 12 week (12 credit hours) | | | | | |
| FSEM 10201 | First Year Seminar | 4 | | | |
| CHEM 12100 | General II – Introduction to Chemical Analysis | 4 | | | |
| MATH 19900 | Calculus II | 4 | | | |
| Year One: Spring 3 week (3-4 credit hours) | | | | | |
| | Elective | 3-4 | | | |
| Year One: | Summer (10 credit hours) | | | | |
| | Core Requirement | 3-4 | UD | | |
| | Core Requirement | 3-4 | CM | | |
| | Core Requirement | 3-4 | MM | | |
| Year Two: Fall 12 week (12 credit hours) | | | | | |
| CHEM 22000 | Introduction to Organic Chemistry | 4 | | | |
| PHYS 21300 | Fundamentals of Physics I | 4 | | | |
| 10100 | Foreign Language I | 4 | | | |
| Year Two: Fall 3 week (4 credit hours) | | | | | |
| 10200 | Foreign Language II | 4 | | | |
| Year Two: Spring 12 week (12 credit hours) | | | | | |
| CHEM 32000 | Intermediate Organic Chemistry | 4 | | | |
| PHYS 21300 | Fundamentals of Physics II | 4 | | | |
| CHEM 23000 | Introduction to Inorganic Chemistry | 4 | | | |
| CHEM 24000 | -or- Quantitative Analysis | | | | |
| Year Two: Spring 3 week (3-4 credit hours) | | | | | |
| | Elective | 3-4 | | | |
| Year Two: | Summer (10 credit hours) | | | | |
| | Core Requirement | 3-4 | IM | | |
| | Core Requirement | 3-4 | ES | | |
| | Research Internship | 3-4 | Connect Experience | | |
| Year Three: Fall 12 week (12 credit hours) | | | | | |
| CHEM 35100 | Physical Chemistry I -or- | 4 | | | |
| PHYS 32000 | Fundamentals of Modern Physics | | | | |
| BCHM 36600 | Basic Biochemistry | 4 | | | |
| CHEM 4xxxx | Independent Research or Internship or elective | 4 | | | |
| Year Three: Fall 3 week (3 credit hours) | | | | | |
| | Elective | 3-4 | | | |
| Year Three: Spring 12 week (12-13 credit hours) | | | | | |
| CHEM 35200 | Physical Chemistry II -or- | 4 | | | |
| CHEM 35100 | Physical Chemistry I | | | | |
| CHEM 48000 | Senior Seminar | 1 | | | |
| CHEM 23000 | Introduction to Inorganic Chemistry | 4 | | | |
| CHEM 24000 | -or- Quantitative Analysis | | | | |
| | Elective | 3-4 | | | |

| Year Three: Spring 3 week (3-4 credit hours) | | | | |
|--|------------------|-----|---------|--|
| | Core Requirement | 3-4 | TT INTD | |
| Year Three: Summer (10 credit hours) | | | | |
| | Core Requirement | 3-4 | CA | |
| | Core Requirement | 3-4 | INTD | |
| | Core Requirement | 3-4 | EW | |

| 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 | |

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

Students placing out of the foreign language requirement should take an elective, second major course, or minor course.

Fully online courses may be required to complete the program.

An elective may replace the core requirement if the core is met by the major.

Students must fulfill all Hiram College graduation requirements. The minimum total semester credit hours for graduation is 120.

Students who enter with transfer or other credit hours should have those credits evaluated by the registrar towards fulfillment of listed requirements. (See Hiram College Transfer Policy)

To complete in three years, students must adhere to the degree path described in this pathway. While variation may occur due to transfer credit, should a student fail to register for or complete required courses or required summer credit hours, the student may still continue at Hiram College, but forfeits a guarantee of course offerings and summer tuition reduction.

Having begun a 3-year pathway, a student who chooses to change the incoming major may still continue at Hiram College, but forfeits a guarantee of course offerings and summer tuition reduction.