Chemistry
Bachelor of Science with Innovation Minor
Suggested Schedule*

| FRESHMAN | | |
| --- | --- |
| **Semester 1 (Spring)** | **Semester 2 (Summer)** |
| CHM 2045 General Chemistry 1 (State Core GE-P) | 3 | CHM 2046 General Chemistry 2 (GE-P) | 3 |
| CHM 2045L General Chemistry 1 Laboratory | 1 | CHM 2046L General Chemistry 2 Laboratory | 1 |
| MAC 2311 Analytic Geometry and Calculus 1 (State Core GE-M) | 4 | MAC 2312 Analytical Geometry and Calculus 2 (GE-M) | 4 |
| Foreign Language | 5 | Foreign Language | 5 |
| IDS 1940 Creativity & Design Thinking for Innovation | 2 | IDS 1359 Innovation in Action | 2 |
| **TOTAL 15** | **TOTAL 15** |

| SOPHOMORE | | |
| --- | --- |
| **Semester 3 (Spring)** | **Semester 4 (Summer)** |
| CHM 2210 Organic Chemistry 1 | 3 | CHM 2211 Organic Chemistry 2 | 3 |
| MAC 2313 Analytic Geometry and Calculus 3 | 4 | CHM 2211L Organic Chemistry 2 Laboratory | 2 |
| PHY 2048 or PHY2053 Physics with Calculus 1 | 3-4 | Composition (State Core GE-C) | 3 |
| PHY 2048L or PHY2053L Physics with Calculus 1 Laboratory | 1 | PHY 2049 or PHY2054 Physics with Calculus 2 | 3-4 |
| ENT 3003 Principles of Entrepreneurship | 4 | PHY 2049L or PHY2054L Physics with Calculus 2 Laboratory | 1 |
| **TOTAL 15** | **TOTAL 15** |

| JUNIOR | | |
| --- | --- |
| **Semester 5 (Spring)** | **Semester 6 (Summer)** |
| CHM 3120 Introduction to Analytical Chemistry | 3 | CHM 3610 Inorganic Chemistry | 3 |
| CHM 3120L Analytical Chemistry Laboratory | 1 | Humanities (GE-H,N) | 3 |
| Biological Science (GE-B) | 3 | CHM 4411 Physical Chemistry | 4 |
| Humanities (State Core GE-H) | 3 | Composition (GE-C) | 3 |
| Social and Behavioral Sciences (State Core GE-S) | 3 | Elective | 3 |
| PHI 3641 Ethics and Innovation (GE-H, 2W) | 3 | **TOTAL 16** | **TOTAL 16** |

| SENIOR | | |
| --- | --- |
| **Semester 7 (Spring)** | **Semester 8 (Summer)** |
| CHM 4412 Physical Chemistry - not offered in Summers | 4 | CHM4413L Biophysical Chemistry Laboratory | 2 |
| CHM 4130 Instrumental Analysis - not offered in Summers | 3 | Biological Science (GE-B) | 3 |
| CHM 4130 Instrumental Analysis Lab - not offered in Summers | 2 | Elective | 3 |
| Social and Behavioral Sciences (GE-S, D) | 3 | Social and Behavioral Sciences (GE-S) | 3 |
| Elective | 3 | ENT 4015 The Venture Accelerator or IDS 4950 Innovation Academy Senior Project | 2 |
| **TOTAL 15** | **TOTAL 13** |

**TOTAL CREDITS TO DEGREE= 120**

* For Detailed tracking and degree requirements please refer to the UF catalog.
Last Reviewed: June 2022