| Fall Semester | Credits | Major | Core | Minor/Other |
|---|---|---|---|---|
| CH1410 General Chemistry I* | 4 | X | | |
| CH1430 General Chemistry Lab I* | 1 | X | | |
| MT1350 Calculus / Analytic Geometry I | 4 | X | | |
| EN1250 Seminar on Academic Writing* | 3 | | X | |
| BL1500 Principles of Biology I | 3 | X | | |
| BL1505 Principles of Biology Lab I | 1 | X | | |
| ***Total Credit Hours*** | ***16*** | | | |

| Spring Semester | Credits | Major | Core | Minor/Other |
|---|---|---|---|---|
| CH1420 General Chemistry II* | 4 | X | | |
| CH1440 General Chemistry Lab II* | 1 | X | | |
| MT1360 Calculus / Analytic Geometry II | 4 | X | | |
| COM1251 Speech Communications | 3 | | X | |
| BL1600 Principles of Biology II | 3 | X | | |
| BL1605 Principles of Biology Lab II | 1 | X | | |
| ***Total Credit Hours*** | ***16*** | | | |

| Fall Semester | Credits | Major | Core | Minor/Other |
|---|---|---|---|---|
| CH2210 Organic Chemistry I | 3 | X | | |
| CH2230 Organic Chemistry Lab I | 1 | X | | |
| PH1250 General Physics I | 3 | X | | |
| PH1251 General Physics Lab I | 1 | X | | |
| Humanities Course | 3 | | X | |
| Social Sciences Course | 3 | | X | |
| Creative and Performing Arts (CAPA)* | 1-3 | | X | |
| ***Total Credit Hours*** | ***15-17*** | | | |

| Spring Semester | Credits | Major | Core | Minor/Other |
|---|---|---|---|---|
| CH2220 Organic Chemistry II | 3 | X | | |
| CH2240 Organic Chemistry Lab II | 1 | X | | |
| CH2610 Analytical Chemistry | 3 | X | | |
| CH2630 Analytical Chemistry Lab (QA) | 1 | X | X | |
| PH1260 General Physics II | 3 | X | | |
| PH1261 General Physics Lab II | 1 | X | | |
| BL2130 Genetics | 4 | X | | X |
| ***Total Credit Hours*** | ***16*** | | | |

| Fall Semester | Credits | Major | Core | Minor/Other |
|---|---|---|---|---|
| CH3630 Physical Chemistry I | 3 | X | | |
| CH3670 Physical Chemistry I Lab | 2 | X | | |
| CH4350 Biochemistry I | 3 | X | | |
| CH4370 Biochemistry Laboratory | 1 | X | | |
| Issues in Social Justice Course (ISJ) | 3 | | X | |
| Language Requirement | 3 | | X | |

| Spring Semester | Credits | Major | Core | Minor/Other |
|---|---|---|---|---|
| CH3660 Physical Chemistry II | 3 | X | | |
| CH4360 Biochemistry II | 3 | X | | |
| CH4780 Chemistry Seminar | 0 | X | | |
| Engaging the Global Community (EGC) | 3 | | X | |
| TRS Course | 3 | | X | |
| Language Requirement | 3 | | X | |
| Philosophy/Knowledge/Reality (PLKR) | 3 | | X | |