| First Year |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| First Term | Second Term |  |  |  |  |
| 17-117 | Precalculus** | 5 | 17-120 | Calculus I | 4 |
| $\begin{aligned} & \hline 04-102 / 103 \\ & 04-106 / 107 \end{aligned}$ | General Biology \& Lab OR Principles of Biology \& Lab | 4 | 10-112 | Composition II: Writing as Engagement | 3 |
| 77-101 | IR: University Seminar | 1 |  | Civics - History | 3 |
| 10-111 | Composition I: Academic Literacies | 3 | 24-116/117 | General Chemistry II \& Lab | 5 |
| 24-114/115 | General Chemistry I \& Lab* | 4 |  |  |  |
| Total Hours |  | 17 | Total Hours |  | 15 |
|  |  |  |  |  |  |
| First Year - Summer Term |  |  |  |  |  |
| 24-135 | Laboratory Safety | 2 |  |  |  |
| Total Hours |  | 2 |  |  |  |
|  |  |  |  |  |  |
| Second Year |  |  |  |  |  |
| First Term |  |  | Second Term |  |  |
| 24-342/343 | Organic Chemistry I \& Lab | 4 | 24-344/345 | Organic Chemistry II \& Lab | 4 |
| 17-121 | Calculus II | 5 | 25-230/231 | Fund of Classical Physics II \& Lab | 5 |
| 25-120/121 | Fund of Classical Physics I \& Lab | 5 | 17-114 | General Statistics | 3 |
| 29-102 | Fundamentals of Oral Communication | 3 |  | Elective | 3 |
| Total Hours |  | 17 | Total Hours |  | 15 |
|  |  |  |  |  |  |
| Third Year |  |  |  |  |  |
| First Term |  |  | Second Term |  |  |
|  | Social and Behavioral Sciences (1 of 2) | 3 |  | Humanities (1 of 2) | 3 |
| 24-532/523 | Physical Chemistry I \& Lab | 4 | 25-534/535 | Physical Chemistry II \& Lab | 4 |
|  | Fine Arts | 3 | $\begin{aligned} & 24-522 / 523 \\ & 24-552 / 555 \\ & \hline \end{aligned}$ | Instrumental Analysis \& Lab OR Advanced Inorganic \& Lab | 4 |
| 24-322/323 | Analytical Chemistry \& Lab | 4 |  | Chemistry Elective (300+) | 4 |
| Total Hours |  | 14 | Total Hours |  | 15 |
|  |  |  |  |  |  |
| Fourth Year |  |  |  |  |  |
| First Term |  |  | Second Term |  |  |
| 34-102 | Introduction to Am. Gov't \& Politics | 3 | 10-220 | Intro to Literature | 3 |
| 24-592 | Chemistry Seminar | 1 |  | Humanities (2 of 2) | 3 |
|  | IR: Digital Literacy | 3 |  | Social and Behavioral Sciences (2 of 2) | 3 |
|  | Elective (300+) | 3 |  | Chemistry Elective (300+) | 4 |
|  | Chemistry Elective (300+) | 4 |  |  |  |
|  |  |  |  |  |  |
| Total Hours |  | 14 | Total Hours |  | 13 |

*Enrolling in Chemistry 112/113 should be considered prior to Chemistry 114/115 if a rigorous high school Chemistry background is absent. Similar considerations are warranted proficiency in high school Algebra II.
**Students with a 27 or higher mathematics ACT sub score are eligible to begin with Calculus I. Students with mathematics ACT sub scores between 22 and 26 with a high-school GPA of 3.9 or higher are eligible to begin with Calculus I. Students not meeting these criteria must first complete either 17-117 or 17-118 and 17-119.

