| Course Number | Course Name | Number of Credits |
|---------------|--|--------------------------|
| CHEM1030 | General Chemistry II | 3 |
| CHEM1031 | General Chemistry I Laboratory | 1 |
| CHEM1040 | General Chemistry II | 3 |
| CHEM1041 | General Chemistry II Laboratory | 1 |
| CHEM1070 | Introductory Chemistry | 3 |
| CHEM2110 | Quantitative Analysis | 3 |
| CHEM2111 | Quantitative Analysis Laboratory | 1 |
| CHEM2120 | Introduction to Instrumental Analysis | 3 |
| CHEM2121 | Introduction to Instrumental Analysis Laboratory | 1 |
| CHEM2140 | Descriptive Inorganic Chemistry | 3 |
| CHEM2141 | Inorganic Chemistry Laboratory | 1 |
| CHEM2200 | Practicum for Chemistry Teaching | 1, 2, or 3 |
| CHEM3010 | Organic Chemistry | 3 |
| CHEM3011 | Organic Chemistry Laboratory | 2 |
| CHEM3020 | Organic Chemistry II | 3 |
| CHEM3021 | Organic Chemistry II Laboratory | 2 |
| CHEM3210 | Physical Chemistry | 3 |
| CHEM3221 | Physical Chemistry Laboratory | 1 |
| CHEM3900 | Special Topics in Chemistry | 1, 2, or 3 |
| CHEM4040 | General Biochemistry I | 3 |
| CHEM4041 | General Biochemistry I Laboratory | 1 |
| CHEM4050 | General Biochemistry II | 3 |
| CHEM4140 | Inorganic Chemistry | 3 |
| CHEM4160 | Advanced Instrumental Analysis | 2 |
| CHEM4161 | Advanced Instrumental Analysis Laboratory | 2 |
| CHEM4900 | Undergraduate Seminar | 1 |
| CHEM4950 | Research Problems in Chemistry | 1, 2, 3, or 4 |