

# CHEMISTRY MAJOR

## Requirements

| Code                 | Title                                                          | Credits   |
|----------------------|----------------------------------------------------------------|-----------|
| CHEM 1171<br>& 1171L | General Chemistry I<br>and General Chemistry I Lab             | 4         |
| CHEM 1172<br>& 1172L | General Chemistry II<br>and General Chemistry II Lab           | 4         |
| CHEM 2271<br>& 2271L | Organic Chemistry I<br>and Organic Chemistry I Lab             | 4         |
| CHEM 2272<br>& 2272L | Organic Chemistry II<br>and Organic Chemistry II Lab           | 4         |
| CHEM 2282<br>& 2282L | Chemical Analysis<br>and Chemical Analysis Lab                 | 4         |
| CHEM/BIOL 3323L      | Biochemistry Lab                                               | 1         |
| CHEM/BIOL 3324       | Biochemistry I                                                 | 3         |
| CHEM 3361<br>& 3361L | Physical Chemistry I<br>and Physical Chemistry I Lab           | 4         |
| CHEM 3362<br>& 3362L | Physical Chemistry II<br>and Physical Chemistry II Lab         | 4         |
| CHEM 3326            | Chemical Instrumentation                                       | 3         |
| CHEM 3326L           | Instrumental-Analytical Chemistry Lab                          | 3         |
| CHEM 3341            | Advanced Inorganic Chemistry                                   | 3         |
| MATH 1141            | Calculus I for Chemistry, Engineering, and<br>Physics Majors   | 4         |
| or MATH 1171         | Calculus I                                                     |           |
| MATH 1142            | Calculus II for Chemistry, Engineering, and<br>Physics Majors  | 4         |
| or MATH 1172         | Calculus II                                                    |           |
| MATH 2243            | Calculus III for Chemistry, Engineering, and<br>Physics Majors | 4         |
| or MATH 2273         | Multivariable Calculus                                         |           |
| PHYS 1171<br>& 1171L | General Physics I<br>and General Physics I Lab                 | 4         |
| PHYS 1172<br>& 1172L | General Physics II<br>and General Physics II Lab               | 4         |
| <b>Total Credits</b> |                                                                | <b>61</b> |