

MINOR IN CHEMISTRY

Students whose major interest is in cell or molecular biology, physiology, physiological psychology, environmental studies, natural science or molecular physics, will find a good chemistry background to be a useful supplement to their major. The Chemistry minor provides this background and offers some flexibility in catering to the specific interest of students. Students should consult the Chemistry minor adviser as soon as possible after entering Towson University to design programs to meet their needs.

The minor in Chemistry requires a minimum of 25 units, 12 of which must be upper (300-400) level. Minimum 8 upper-level units must be taken at Towson University.

| Code | Title | Units |
|---|---|-----------|
| Required Courses | | |
| CHEM 131 & 131L | GENERAL CHEMISTRY I LECTURE and GENERAL CHEMISTRY I LABORATORY | 4 |
| CHEM 132 & 132L | GENERAL CHEMISTRY II LECTURE and GENERAL CHEMISTRY II LABORATORY | 4 |
| CHEM 220 & 220L | ANALYTICAL CHEMISTRY [LECTURE] and ANALYTICAL CHEMISTRY [LAB] | 5 |
| CHEM 333 & 333L | ESSENTIALS OF ORGANIC CHEM [LECTURE] and ESSENTIALS OF ORGANIC CHEMISTRY LABORATORY ¹ | 5 |
| Electives | | |
| Upper (300-400) level Chemistry (CHEM) or Forensic Chemistry (FRSC) courses ² | | 7 |
| Total Units | | 25 |

¹ CHEM 333 & CHEM 333L may alternatively be satisfied by taking CHEM 334 and CHEM 336 and CHEM 337. The additional 3 units in this three-course sequence will count toward the minor electives requirement.

² CHEM 301, CHEM 333, CHEM 333L, CHEM 334, and CHEM 336 and lower-level transfer credit (e.g., CHEM T32) may not be applied to the minor electives requirement.