

# CHEM111 : General Chemistry II

Continuation of CHEM110-General Chemistry I. Topics include solution chemistry, molecular weight determination, concentration, kinetics, thermodynamics, equilibrium systems ( $K_a$ ,  $K_b$ ,  $K_{sp}$ ), qualitative and instrumental analysis, acid-base chemistry, redox reactions, electrochemistry, nuclear, organic, polymer and biochemistry.

**Credits** 4

**Lecture Hours** 3

**Lab/Clinical/Field Study Hours** 3

**Prerequisites**

CHEM110 with a C or better. This is a two-semester sequence (with CHEM110) recommended for science majors who intend to transfer to four-year institutions.