

CHM 316 : PHYSICAL CHEMISTRY II

This is one course of a two-part physical chemistry sequence that studies the underlying physical concepts important to chemistry. This course goes in depth to study the physical structure of atoms and molecules, bonding theory, quantum mechanics, modern computational methods, and spectroscopy. Lecture and laboratory format. Offered alternate Spring Terms.

4.000

CHM 310; PHY 241-242 or 251-252; MTH 120 and 210 with a grade of C- or higher in each prerequisite.

While not a formal requirement, it is strongly recommended that students complete MTH 220 before taking CHM 316.

Chemistry

CHM 310

PHY 241

PHY 242

MTH 120

MTH 210

Required for BS chemistry majors; Elective for BA chemistry majors.