

## CHEM3322 - Physical Chemistry II

[CHEM 3322](#) Physical Chemistry II (3 semester credit hours) Fundamental microscopic properties of matter and radiation are discussed. A core of topics including quantum chemistry, atomic and molecular structure and spectroscopy, non-bonded interactions, and computational chemistry is supplemented with topics germane to students taking physical chemistry with biophysical applications. Students will also be registered for the exam section. Prerequisites: [CHEM 2325](#) and ([MATH 2415](#) or [MATH 2451](#) or [MATH 3351](#)) or instructor consent required. (3-0) Y