

# The Advanced CHM Requirement\*

## FALL

- CHE 258/458 – ELECTROCHEM BATTERY & FUEL CELLS
- CHE 276/476 – POLYMER SYNTHESIS
- CHE 477 – ADVANCED NUMERICAL METHODS
- CHE 266 – BIOPROCESS ENGINEERING
  
- CHM 211 – INORGANIC CHEMISTRY I
- CHM 231 – CHEMICAL INSTRUMENTATION
- CHM 251 – PHYSICAL CHEMISTRY
- CHM 456 – CHEMICAL BONDS: FROM MOLECULES TO MATERIALS
  
- EES 209 – INTRODUCTION TO GEOCHEMISTRY
- EES 212 – CLIM CHNG PERS CHEM. OCEAN



## SPRING

- CHE 213/413 – ENGINEERING OF SOFT MATTER
- CHE 265/465- BIOMASS CONVERSION TO FUELS AND CHEMICALS
- CHE 286/486 – POLYMER PHYSICS
- CHE 461- ADVANCED CHEMICAL KINETICS
  
- EES 216 – ENVIRONMENTAL GEOCHEMISTRY
- EES 218 - ATMOSPHERIC GEOCHEMISTRY
  
- BIO 250 – BIOCHEMISTRY
  
- CHM 232 – MOLECULAR SPECTROSCOPY
- CHM 252 – PHYSICAL CHEMISTRY II
- CHM 262 – BIOLOGICAL CHEMISTRY
- CHM 275 – THE CHEMISTRY OF POISONS
- CHM 286 – ENERGY: SCIENCE, TECHNOLOGY & SOCIETY

\*Course offerings and semesters subject to change,  
some are not offered every year. Please plan accordingly\*