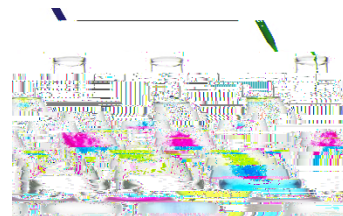


# The Advanced CHM Requirement\*

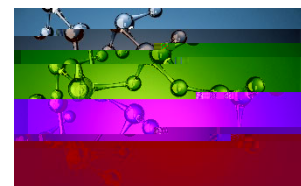
## FALL

- x CHE 258/458 – ELECTROCHEM BATTERY & FUEL CELLS
- x CHE 276/476 – POLYMER SYNTHESIS
- x CHM 211 – INORGANIC CHEMISTRY I
- x CHM 231 – CHEMICAL INSTRUMENTATION
- x CHM 251 – PHYSICAL CHEMISTRY
- x CHM 456 – CHEMICAL BONDS: FROM MOLECULES TO MATERIALS
- x EES 209 – INTRODUCTION TO GEOCHEMISTRY
- x EES 212 – CLIM CHNG & CHEM. OCEAN
- x EESC 261 – STABLE ISOTOPES GEOCHEMISTRY
- x EESC 306 – ATMOSPHERIC RESEARCH (SEMESTER VARIES)



## SPRING

- x CHE 213/413 – ENGINEERING OF SOFT MATTER
- x CHE 265/465- BIOMASS CONVERSION TO FUELS AND CHEMICALS
- x CHE 286/486 – POLYMER PHYSICS
- x CHE 461- ADVANCED CHEMICAL KINETICS
- x EES 216 – ENVIRONMENTAL GEOCHEMISTRY
- x EES 218 - ATMOSPHERIC GEOCHEMISTRY
- x EESC 233 – MARINE ECOSYSTEMS AND CARBON CYCLE MODELING
- x EESC 234 – FUNDAMENTALS OF ATMOSPHERIC MODELING
- x EESC 306 – ATMOSPHERIC RESEARCH (SEMESTER VARIES)
- x BIO 250 – BIOCHEMISTRY
- x CHM 232 – MOLECULAR SPECTROSCOPY
- x CHM 252 – PHYSICAL CHEMISTRY II
- x CHM 262 – BIOLOGICAL CHEMISTRY
- x CHM 275 – THE CHEMISTRY OF POISONS
- x CHM 286 – ENERGY: SCIENCE, TECHNOLOGY & SOCIETY



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