

The Advanced CHM Requirement*

FALL

CHE 258/458 – ELECTROCHEM BATTERY & FUEL CELLS
CHE 276/476 – POLYMER SYNTHESIS
CHE 477 – ADVANCED NUMERICAL METHODS
CHE 478 – MACHING LEARNING OF MOLECULES & MATERIALS

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
EESC 261 - STABLE ISOTOPE GEOCHEMISTRY
EESC 306 – ATMOSPHERIC RESEARCH (SEMESTER VARIES)



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

EESC 216 – ENVIRONMETAL GEOCHEMISTRY
EES 218 - ATMOSPHERIC GEOCHEMISTRY
EESC 233 – MARINE ECOSYSTEMS AND CARBON CYCLE MODELING
EESC 234 – FUNDAMENTALS OF ATMOSPHERIC MODELING
EESC 306 – ATMOSPHERIC RESEARCH (SEMESTER VARIES)

BIO 250 – BIOCHEMISTRY

CHM 232 – MOLECULAR SPECTROSCOPY
CHM 252 – PHYSICAL CHEMISTRY II
CHM 262 – BIOLOGICAL CHEMISTRY
CHM 286 – ENERGY: SCIENCE, TECHNOLOGY & SOCIETY

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