CHEMISTRY MINOR

INTRODUCTORY REQUIREMENTS

Calculus:  
MATH 11A (FWS) ___ + 11B (FWS) ___ + 22 (WS) ___  
OR MATH 19A (FWS) ___ + 19B (FWS) ___ + 22 (WS) ___  
OR AMS 15A (*) ___ + 15B (*) ___ + MATH 22 (WS) ___

General Chemistry:  
CHEM 1A (FWS) ___ + 1B/M (FWS) ___ + 1C/N (FWS) ___

Organic Chemistry:  
CHEM 108A/L (FW) ___ + 108B/M (WS) ___

Physics:  
PHYS 6A/L (FWS) ___ + 6B/M (WS) ___ + 6C/N (FS) ___  
OR PHYS 5A/L (F) ___ + 5B/M (W) ___ + 5C/N (S) ___

ADVANCED REQUIREMENTS

Physical Chemistry:  
CHEM 163A Quantum Mechanics & Basic Spectroscopy (F) ___  
CHEM 163B Chemical Thermodynamics (W) ___

TWO from the following...

Electives:  
CHEM 103 Biochemistry (FS) ___
CHEM 109 Intermediate Organic Chemistry with Applications to Biology (S) ___  
CHEM 110/L Intermediate Organic Chemistry with Emphasis on Synthesis & Lab (S) ___  
CHEM 143 Organic Chemical Structure & Reactions (F) ___  
CHEM 151B Chemistry of the Main Group Elements (W) ___  
CHEM 156C Advanced Topics in Inorganic Chemistry (*) ___  
CHEM 163C Kinetic Theory & Reaction Kinetics, Statistical Mechanics, Spectroscopic Apps (S) ___  
CHEM 169 Chemistry & Biology of Drug Design & Development (S) ___  
BIOC 100A Biochemistry (F) ___
BIOC 100B Biochemistry (W) ___
BIOC 100C Biochemistry (S) ___
METX 101 Sources & Fates of Pollutants (F) ___  
METX 102 Cell & Molecular Toxicology (*) ___  
OCEA 120 Aquatic Chemistry: Principles and Applications (*) ___  
OCEA 220 Chemical Oceanography (W) ___  
PHYS 116A Mathematical Methods in Physics (W) ___  
PHYS 116B Mathematical Methods in Physics (S) ___  
PHYS 180 Biophysics (S) ___