CHEMISTRY MINOR

Name: ____________________________  Date: ____________________________  ID#: ____________________________

(Quarter offered: F=Fall, W=Winter, S=Spring, *=Not offered this academic year, IS=Independent Study)

INTRODUCTORY REQUIREMENTS

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

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 (W) ___
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) ___