# Chemistry, B.S. Physical Concentration (CHPH) Major

School of Arts and Sciences - Department of Chemistry and Physics

Requirements List for 2013-2014

___ BIBL 1033 Biblical Literature
___ BIBL 1043 Biblical Foundations For Living
___ BIBL Jr.-Sr. Level Elective (3 hours)
___ BIBL Jr.-Sr. Level Elective (3 hours)
___ CHEM 1111 General Chemistry I Lab
___ CHEM 1113 General Chemistry I
___ CHEM 1121 General Chemistry II Lab (Spring only)
___ CHEM 1123 General Chemistry II (Spring only)
___ CHEM 2111 Organic Chemistry I Lab (Fall only)
___ CHEM 2113 Organic Chemistry I (Fall only)
___ CHEM 2121 Organic Chemistry II Lab (Spring only)
___ CHEM 2123 Organic Chemistry II (Spring only)
___ CHEM 3014 Inorganic Chemistry (Fall, Even years only)
___ CHEM 3111 Chemical Analysis Lab (Fall, Odd years only)
___ CHEM 3113 Chemical Analysis (Fall, Odd years only)
___ CHEM 3951 Intro. To Research (Spring only)
___ CHEM 4111 Physical Chemistry Lab (Fall, Even years only)
___ CHEM 4113 Physical Chemistry I (Fall, Even years only)
___ CHEM 4123 Physical Chemistry II (Spring, Odd years only)
___ CHEM 4253 Advanced Quantum Mechanics (Fall, Odd years only)
___ CHEM 4263 Computational Chemistry (Spring, Even years only)
___ CHEM 4811 Senior Science and Christian Faith Seminar (Spring only)
___ CHEM 4951 Undergraduate Research
___ CHEM 4951 Undergraduate Research
___ COMM 1113 Intro. To Speech Communication
___ COSC 1303 Computer Science I
___ ENGL 1013 English Composition I
___ ENGL 1023 English Composition II
___ ENGL Literature Elective (3 hours)
___ HIST History Elective (3 hours)
___ KINE Physical Activities (1 hour)
___ KINE 1512 Concepts Of Lifetime Fitness
___ LETU 1101 Cornerstones Of Life And Learning
___ MATH 1903 Calculus I
___ MATH 2013 Calculus II
___ MATH 2023 Calculus III
___ MATH 2203 Differential Equations
___ MATH 3303 Linear Algebra
___ PHYS 2011 University Physics I Lab (Spring only)
___ PHYS 2013 University Physics I (Spring only)
___ PHYS 2021 University Physics II Lab (Fall only)
___ PHYS 2023 University Physics II (Fall only)
___ PHYS 3214 Relativity and Quantum Theory (Spring, Odd years only)
___ PHYS 4414 Optics (Spring, Even years only)
___ General Elective (4 hours)
___ General Elective (3 hours)
___ General Elective (3 hours)
___ General Elective (3 hours)
___ General Elective (3 hours)
___ General Elective (4 hours)
___ Fulfill English Proficiency Requirement (0 hours)

Total hours: 126