

Chemistry, B.S. Physical Concentration (CHPH) Major
 School of Arts and Sciences - Department of Chemistry and Physics
 Sequence Sheet for 2013-2014

First Semester - Fall 2013 (16 hours)

- ___ BIBL 1043 Biblical Foundations For Living
- ___ CHEM 1111 General Chemistry I Lab
- ___ CHEM 1113 General Chemistry I
- ___ ENGL 1013 English Composition I
- ___ KINE 1512 Concepts Of Lifetime Fitness
- ___ LETU 1101 Cornerstones Of Life And Learning
- ___ MATH 1903 Calculus I
- ___ Fulfill English Proficiency Requirement (0 hours)

Second Semester - Spring 2014 (17 hours)

- ___ BIBL 1033 Biblical Literature
- ___ CHEM 1121 General Chemistry II Lab (Spring only)
- ___ CHEM 1123 General Chemistry II (Spring only)
- ___ ENGL 1023 English Composition II
- ___ MATH 2013 Calculus II
- ___ PHYS 2011 University Physics I Lab (Spring only)
- ___ PHYS 2013 University Physics I (Spring only)

Third Semester - Fall 2014 (17 hours)

- ___ CHEM 2111 Organic Chemistry I Lab (Fall only)
- ___ CHEM 2113 Organic Chemistry I (Fall only)
- ___ COMM 1113 Intro. To Speech Communication
- ___ COSC 1303 Computer Science I
- ___ MATH 2023 Calculus III
- ___ PHYS 2021 University Physics II Lab (Fall only)
- ___ PHYS 2023 University Physics II (Fall only)

Fourth Semester - Spring 2015 (15 hours)

- ___ CHEM 2121 Organic Chemistry II Lab (Spring only)
- ___ CHEM 2123 Organic Chemistry II (Spring only)
- ___ CHEM 3951 Intro. To Research (Spring only)
- ___ MATH 2203 Differential Equations
- ___ PHYS 4414 Optics (Spring, Even years only)
- ___ BIBL Jr.-Sr. Level Elective (3 hours)

Fifth Semester - Fall 2015 (15 hours)

- ___ CHEM 3014 Inorganic Chemistry (Fall, Even years only)
- ___ CHEM 4111 Physical Chemistry Lab (Fall, Even years only)
- ___ CHEM 4113 Physical Chemistry I (Fall, Even years only)
- ___ KINE Physical Activities
- ___ MATH 3303 Linear Algebra
- ___ BIBL Jr.-Sr. Level Elective (3 hours)

Sixth Semester - Spring 2016 (15 hours)

- ___ CHEM 4123 Physical Chemistry II (Spring, Odd years only)
- ___ CHEM 4951 Undergraduate Research
- ___ PHYS 3214 Relativity and Quantum Theory (Spring, Odd years only)
- ___ HIST History Elective (3 hours)
- ___ General Elective (4 hours)

Seventh Semester - Fall 2016 (17 hours)

- ___ CHEM 3111 Chemical Analysis Lab (Fall, Odd years only)
- ___ CHEM 3113 Chemical Analysis (Fall, Odd years only)
- ___ CHEM 4253 Advanced Quantum Mechanics (Fall, Odd years only)
- ___ CHEM 4951 Undergraduate Research
- ___ ENGL Literature Elective (3 hours)
- ___ General Elective (3 hours)
- ___ General Elective (3 hours)

Eighth Semester - Spring 2017 (14 hours)

- ___ CHEM 4263 Computational Chemistry (Spring, Even years only)
- ___ CHEM 4811 Senior Science and Christian Faith Seminar (Spring only)
- ___ General Elective (3 hours)
- ___ General Elective (3 hours)
- ___ General Elective (4 hours)

Total hours: 126