

## Chemistry, B.S. (CHCH) Major

School of Arts and Sciences - Department of Chemistry and Physics  
Sequence Sheet for 2009-2010

### First Semester - Fall 2009 (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 2010 (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 2010 (15 hours)

\_\_\_ BIOL 1111 General Biology Lab I (Fall only)  
 \_\_\_ BIOL 1113 General Biology I (Fall only)  
 \_\_\_ CHEM 2111 Organic Chemistry I Lab (Fall only)  
 \_\_\_ CHEM 2113 Organic Chemistry I (Fall only)  
 \_\_\_ PHYS 2021 University Physics II Lab (Fall only)  
 \_\_\_ PHYS 2023 University Physics II (Fall only)  
 \_\_\_ BIBL Jr.-Sr. Level Elective (3 hours)

### Fourth Semester - Spring 2011 (15 hours)

\_\_\_ BIOL 1121 General Biology Lab II (Spring only)  
 \_\_\_ BIOL 1123 General Biology II (Spring only)  
 \_\_\_ CHEM 2121 Organic Chemistry II Lab (Spring only)  
 \_\_\_ CHEM 2123 Organic Chemistry II (Spring only)  
 \_\_\_ CHEM 3951 Intro. To Research (Spring only)  
 \_\_\_ MATH 3403 Statistics  
 \_\_\_ BIBL Jr.-Sr. Level Elective (3 hours)

### Fifth Semester - Fall 2011 (17 hours)

\_\_\_ CHEM 3112 Chemical Analysis Lab (Fall, Odd years only)  
 \_\_\_ CHEM 3122 Chemical Analysis (Fall, Odd years only)  
 \_\_\_ CHEM 4304 Biochemistry (Fall, Odd years only)  
 \_\_\_ COMM 1113 Intro. To Speech Communication  
 \_\_\_ COSC 1303 Computer Science I  
 \_\_\_ CHEM Jr.-Sr. Level Elective (3 hours)

### Sixth Semester - Spring 2012 (17 hours)

\_\_\_ CHEM 4951 Undergraduate Research  
 \_\_\_ HUMA Intro. To Fine Arts  
 \_\_\_ KINE Physical Activities  
 \_\_\_ PSYC 2013 Intro. To Psychology  
 \_\_\_ CHEM Jr.-Sr. Level Elective (3 hours)  
 \_\_\_ ENGL Literature Elective (3 hours)  
 \_\_\_ HIST History Elective (3 hours)

### Seventh Semester - Fall 2012 (15 hours)

\_\_\_ CHEM 3014 Inorganic Chemistry (Fall, Even years only)  
 \_\_\_ CHEM 4111 Physical Chemistry I Lab (Fall, Even years only)  
 \_\_\_ CHEM 4113 Physical Chemistry I (Fall, Even years only)  
 \_\_\_ CHEM 4951 Undergraduate Research  
 \_\_\_ PHIL 2013 Intro. To Philosophy (1)  
 \_\_\_ CHEM Jr.-Sr. Level Elective (3 hours)

### Eighth Semester - Spring 2013 (16 hours)

\_\_\_ CHEM 4121 Physical Chemistry II Lab (Spring, Odd years only)  
 \_\_\_ CHEM 4123 Physical Chemistry II (Spring, Odd years only)  
 \_\_\_ POLS 2103 Federal, State, And Local Government (2)  
 \_\_\_ CHEM Jr.-Sr. Level Elective (3 hours)  
 \_\_\_ HIST History Elective (3 hours)  
 \_\_\_ Humanities Elective (3 hours)

Total hours: 128

#### Notes:

Chemistry Jr.-Sr. Level Electives may be chosen from:

CHEM 3000/4000 level courses

ENGR 2313 Materials Engineering

MJET 3313 Materials Science of Joining (Spring)

PHYS 3214 Relativity and Quantum Theory (Spring, Odd years)

PHYS 4414 Optics (Spring, Even years)

1: PHIL 2063 Ethics (Spring) may be substituted for PHIL 2013.

2: POLS 3203 Introduction to Political Science (Spring) may be substituted for POLS 2103.