





# Chemistry

## Two-Year Academic Plan

\*Courses require a grade of "C" or better

First Semester FALL ***	Grade	Credit
*ENGL 1101 Composition I		3
*MATH 1113 Pre-Calculus		3
COMM 1110/COMM 1010/ENGL 1104		3
CHEM 1211 Principles of Chemistry I w/ Lab		4
CATS 1101 Crit. & Acad. Think. for Success		1
POLS 1101 American Government		3
Total semester hours		17
<b>Second Semester SPRING</b>		
*ENGL 1102 Composition II		3
MATH 1540 Calculus I		4
HPRG/PHED Physical Activity Course		1
CHEM 1212 Principles of Chemistry II w/ Lab		4
Area F Elective		4
Total semester hours		16

Third Semester FALL	Grade	Credit
ENGL 2111\2112\2120\2130\2150		3
Area D Science Elective w/ Lab		4
HIST 2111 or HIST 2112 U.S. History		3
CHEM 2411 Organic Chemistry I w/ Lab		4
Area E Elective		3
Total semester hours		17
<b>Fourth Semester SPRING</b>		
Area C Elective		3
Area E Elective		3
Area F Elective		4
CHEM 2412 Organic Chemistry II w/ Lab		4
HPRG/PHED Physical Activity Course		1
HLTH 2051 Health		2
Total semester hours		17

### AREA F Required Courses are:

CHEM 1212 Principle of Chemistry II  
 CHEM 2411 Organic Chemistry I  
 CHEM 2412 Organic Chemistry II

\*\*\*Students beginning in Spring or Summer semesters will work with their academic or faculty advisor to modify their two year plan accordingly.

Students should take MATH 1113, Pre-Calculus, in Area A as an prerequisite to MATH 1540, Calculus I, for the math requirement of Area D. A strong high school background in mathematics and sufficient aptitude are necessary to follow this path. Otherwise, the student should be encouraged to take MATH 1111, in Area A, plus MATH 1113 and then MATH 1540 in Area D which results in additional hours.

### AREA F Electives are:

BIOL 1107 Principles of Biology I  
 BIOL 1108 Principles of Biology II  
 MATH 2012 Calculus II  
 PHYS 2211 Physics I: Classical Mechanics  
 PHYS 2212 Physics II: Electricity, Magnetism, Optics

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