

NAME: \_\_\_\_\_

ID #: \_\_\_\_\_

<b>AREA A1: Communication Skills (6 hrs.)</b>	Sem	Grade	Credit
*ENGL 1101 Composition I			3
*ENGL 1102 Composition II			3
<b>AREA A2: Quantitative Skills (3 hrs.)</b>			
*MATH 1113 Pre-Calculus			3
Pre-Calculus or higher is required for Chemistry.			
<b>AREA B: Institutional Options (4 hrs.)</b>	Sem	Grade	Credit
COMM 1110 Public Speaking or COMM 1010 Intercultural Communication ENGL 1104 Introduction to Technical and Business Communication			3
CATS 1101 Critical & Academic Thinking for Success			1

<b>AREA C: Humanities/Fine Arts (6 hrs.)</b>	Sem	Grade	Credit
(C1- Choose one) ENGL 2111, ENGL 2112 ENGL 2120, ENGL 2130,			3
(C2- Choose one) ART 1100, ART 2030, ART 2031, ENGL 2111, ENGL 2112, ENGL 2120, ENGL 2130, ENGL 2150, FILM 1100, MUSC 1100, SPAN 1001, SPAN 1002, SPAN 2001, SPAN 2002, THEA 1100			3

<b>AREA D: Science/Math/Technology (11-12 hrs.)</b>			
(D1- Choose two) BIOL 1107 (Princ I), BIOL 1108 (Princ II) CHEM 1211 (Princ I), CHEM 1212 (Princ II) PHYS 2211 (Physics I), PHYS 2212 (Physics II)			4
(D2- Choose one) MATH 1540 (Calculus I)			4

<b>Institutional Requirements (4 hrs.)</b>	
PHED/HPRG (P.E.) (1)	PHED/HPRG (P.E.) (1)
HLTH 2181 First Aid (1) (see note)	HLTH 2051 (2)

<b>AREA E: Social Science (12 hrs.)</b>	Sem	Grade	Credit
POLS 1101 American Government			3
HIST 2111 or 2112 U.S. History			3
(Area E Elective- Choose Two) ECON 2105, ECON 2106, HIST 1111 or 1112, HIST 2111 or 2112, HIST 2200, HIST 2300, PSYC 1101, SOCI 1101, POLS 2301, POLS 2401			3 3

<b>AREA F: Chemistry Major (12 hrs.)</b>			
CHEM 2411 Organic Chemistry I			4
CHEM 2412 Organic Chemistry II			4
CHEM 1212 Principles of Chemistry II			4

<b>AREA F: Guided Electives for Major (8 hrs.)</b>			
BIOL 1107 Principles of Biology I			4
BIOL 1108 Principles of Biology II			4
PHYS 2211 Physics I			4
PHYS 2212 Physics II			4
MATH 2012 Calculus II			4
Area D Carryover			1

<b>Additional Courses</b>	Sem	Grade	Credit

<b>Academic Advisement Notes:</b>

◆ *Note: Students may choose two one-hour physical activity courses or one physical activity course and the one-hour First Aid course.*

**\* A grade of "C" or better is required.**



# Chemistry

## Two-Year Academic Plan

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

<b>First Semester FALL ***</b>	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		<b>17</b>
<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		<b>16</b>

<b>Third Semester FALL</b>	Grade	Credit
ENGL 2111\2112\2120\2130		3
Area D Science Elective w/ Lab		3
HIST 2111 or HIST 2112 U.S. History		3
CHEM 2411 Organic Chemistry I w/ Lab		4
Area E Elective		3
Total semester hours		<b>17</b>
<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		<b>17</b>

### 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

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