

### Chemistry Major Science Option

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1045 Pre-Calculus	5	MATH 1525 Calculus I	5
HIST 1003 or 1013 World History I or II	3	CHEM 1123/1121 University Chemistry II/Lab	4
CHEM 1023/1021 University Chemistry I/Lab	4	PHED 1501 Activity and Wellness	1
GSTD 1002 Freshman Seminar	2	HIST 2013 or 2023 U.S. History I or II	3
<b>Total Semester Hours</b>	<b>17</b>	<b>Total Semester Hours</b>	<b>16</b>
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
CHEM 3212/3202 Quantitative Chemical Analysis /Lab	4	MATH 1545 Calculus II	5
Biological Science choice/lab (BSCI 1013/1011 or BIOL 1103/1101)	4	CHEM 3113/3111 Instrumental Analysis/Lab	4
SPCH 1113 Introduction to Public Speaking	3	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSYC 2003, PSCI 2003, or SOC 1003 or 2003)	3	PHED 1__1 PE Activity	1
<b>Total Semester Hours</b>	<b>17</b>	<b>Total Semester Hours</b>	<b>16</b>
Fall - Semester 5		Spring - Semester 6	
CSCI 2103 Computer Science I	3	CHEM 3103/3101 Organic Chemistry II/Lab	4
CHEM 3003/3001 Organic Chemistry I/Lab	4	PHYS 2213/2211 University Physics II/Lab	4
PHYS 2203/2201 University Physics I/Lab	4	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
MATH 2563 Calculus III: Multivariable Calculus	3	UL Elective	3
		Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSYC 2003, PSCI 2003, or SOC 1003 or 2003)	3
		CHEM 3051 Junior Seminar - Chemistry	1
<b>Total Semester Hours</b>	<b>14</b>	<b>Total Semester Hours</b>	<b>18</b>
Fall - Semester 7		Spring - Semester 8	
CHEM 3023/3021 Physical Chemistry I/Lab	4	CHEM 3133/3131 Physical Chemistry II/Lab	4
CHEM 4033 Advanced Inorganic Chemistry	3	CHEM 4003/4001 Biochemistry I/lab	4
MATH 4073 Introduction to Probability and Statistics	3	CHEM 4702 Undergraduate Research	2
MATH 2753 Linear Algebra	3	UL Elective	3
		CHEM 4051 Senior Seminar - Chemistry	1
<b>Total Semester Hours</b>	<b>13</b>	<b>Total Semester Hours</b>	<b>14</b>

Total hours required for major – 125