

Chemistry Major Science Option (B.S.)

Suggested Plan of Study		2011-2012 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 OR HIST 2013 or 2023 U.S. History I or II	3	*HIST 1003 or 1013 World History I or II OR HIST 2013 or 2023 U.S. History I or II	3
CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1123/1121 University Chemistry II/Lab	4
GSTD 1002 Freshman Seminar	2	PHED 1501 Concepts of Physical Activity and Wellness	1
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 3		Spring - Semester 4	
Literature/Philosophy (ENGL 2213, ENGL 2223, PHIL 2403)	3	Literature/Philosophy (ENGL 2213, ENGL 2223, PHIL 2403)	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, THEA 2003 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
Total Semester Hours	17	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
CHEM 3003/3001 Organic Chemistry I/Lab	4	CHEM 3103/3101 Organic Chemistry II/Lab	4
CHEM 4003 Advanced Inorganic Chemistry	3	PHYS 2213/2211 University Physics II/Lab	4
PHYS 2203/2201 University Physics I/Lab	4	UL Elective	3
MATH 2563 Calculus III	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSYC 2003, PSCI 2003, or SOC 1003 or 2003)	3
Free Elective	3	CHEM 3051 Junior Seminar - Chemistry	1
Total Semester Hours	17	Total Semester Hours	15
Fall - Semester 7		Spring - Semester 8	
CHEM 3023/3021 Physical Chemistry I/Lab	4	CHEM 3133/3131 Physical Chemistry II/Lab	4
MATH 3043 Introduction to Applied Probability and Statistics or equivalent	3	CHEM 4003/4001 Biochemistry I/lab	4
Humanities choice (ART 2013, HUM 2003, MUS 2013, THEA 2003 or Foreign Language)	3	CHEM 4702 Undergraduate Research	2
Science Elective	3	UL Elective	2
		CHEM 4051 Senior Seminar - Chemistry	1
Total Semester Hours	13	Total Semester Hours	13

Total hours required for major – 124

*Note: Must have six hours of history. Three hours must be World History I or II and three hours of U.S. History I or II OR six hours of World History as well as the social science choice - American Government: National.