

**Chemistry Major
Pre-Health Professional Option**

Suggested Plan of Study

2009-2010 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MATH 1033 Plane Trigonometry	3
HIST 2013 or 2023 U.S. History I or II	3	PHED 1501 Activity and Wellness	1
CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1123/1121 University Chemistry II/Lab	4
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	HIST 1003 or 1013 World History I or II	3
GSTD 1002 Freshman Seminar	2	BIOL 1103/1101 Introduction to Biology/Lab	4
Total Semester Hours	18	Total Semester Hours	18
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	BIOL 2083/2081 General Botany/Lab	4
BIOL 2023/2021 Vertebrate Zoology/Lab	4	CHEM 3113/3111 Instrumental Analysis/Lab	4
SPCH 1113 Introduction to Public Speaking	3	PHYS 2103/2101 General Physics II/Lab or PHYS 2213/2211 University Physics II	4
PHYS 2003/2001 General Physics I/Lab or PHYS 2203/2201 University Physics I	4		
Total Semester Hours	18	Total Semester Hours	15
Fall - Semester 5		Spring - Semester 6	
CHEM 3003/3001 Organic Chemistry I/Lab	4	CHEM 3103/3101 Organic Chemistry II/lab	4
BIOL 3032/3022 General Microbiology/Lab	4	BIOL 3122/3112 Embryology/Lab	4
Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3
BIOL 3401 Medical Terminology	1	CSCI 2103 Computer Science I	3
CSCI 1102/1101 Introduction to Computing Lab	3		
Total Semester Hours	15	Total Semester Hours	14
Fall - Semester 7		Spring - Semester 8	
CHEM 3013/4701 Fundamentals of Physical Chemistry/Undergraduate Research or CHEM 3023/3021 Physical Chemistry I/Lab or CHEM 4043/4041 Advanced Analytical Chemistry/Lab	4	CHEM 4003/4001 Biochemistry/Lab	4
BIOL 3033/3031 Genetics/Lab	4	BIOL 3043 Cell Biology	3
MATH 3043 Applied Probability and Statistics or MATH 4073 Introduction to Probability and Statistics	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	4
PHED 1 1 PE Activity	1	*UL Electives	4
Total Semester Hours	12	Total Semester Hours	15

Total hours required for major – 124

*Activity hours cannot be used to fulfill the forty (40) hour Jr./Sr. requirement.