

Chemistry Major Pre-Health Professional 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 Mathematics	5	MATH 1525 Calculus I	5
SPCH 1113 Introduction to Public Speaking	3	CHEM 1123/1121 University Chemistry II/Lab	4
CHEM 1023/1021 University Chemistry I/Lab	4	BIOL 1103/1101 Introduction to Biology/Lab	4
GSTD 1002 Freshman Seminar	2		
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 3003/3001 Organic Chemistry I/Lab	4	CHEM 3103/3101 Organic Chemistry II/lab	4
BIOL 2083/2081 General Botany/Lab	4	BIOL 2023/2021 Vertebrate Zoology/Lab	4
PHYS 2003/2001 College Physics I/Lab or PHYS 2203/2201 University Physics I/Lab	4	PHYS 2103/2101 College Physics II/Lab or PHYS 2213/2211 University Physics II	4
		PHED 1501 Concepts of Physical Activity and Wellness	1
Total Semester Hours	15	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
CHEM 3212/3202 Quantitative Chemical Analysis /Lab	4	CHEM 3223/3221 Instrumental Analysis/Lab	4
BIOL 3032/3022 General Microbiology/Lab	4	BIOL 3123/3111 Embryology/Lab	4
Humanities choice (ART 2013, HUM 2003, MUS 2013, THEA 2003 or Foreign Language)	3	Humanities choice (ART 2013, HUM 2003, MUS 2013, THEA 2003)	3
BIOL 3401 Medical Terminology	1	*HIST 1003 or 1013 World History I or II OR HIST 2013 or 2023 U.S. History I or II	3
Social Science Choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003)	3	Social Science Choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003)	3
Total Semester Hours	15	Total Semester Hours	17
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
ACCT 2003 Principles of Accounting I	3	*HIST 1003 or 1013 World History I or II OR HIST 2013 or 2023 U.S. History I or II	3
Science Elective	3	Elective	3
PHED 1 1 PE Activity	1		
Total Semester Hours	15	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.

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