

CURRICULUM FOR BACHELOR OF SCIENCE IN CHEMISTRY AND PHYSICS CHEMISTRY OPTION

(120-CREDIT HOURS)

Minimum Grade of "C" in ALL STEM Courses

<u>FALL SEMESTER</u>				<u>SPRING SEMESTER</u>			
FRESHMAN YEAR							
English Composition I	ENGL	1311	3	English Composition II	ENGL	1321	3
General Chemistry I	CHEM	1330	3	General Chemistry II	CHEM	1340	3
General Chemistry I Lab	CHEM	1130	1	General Chemistry II Lab	CHEM	1140	1
College Algebra OR	MATH	1330	3	Calculus I	MATH	2510	5
College Trigonometry OR	MATH	1340		Personal Health & Safety OR	HLPE	1310	3
Pre-Calculus	MATH	1550		Nutrition and Wellness	HUSC	1311	
Personal & Social Dev	BAS	1210	2				
General Psychology OR	PSYC	2300	3				
Intro to Social Sciences	SOCI	1320					
			15-17				15
SOPHOMORE YEAR							
U.S. History OR	HIST	2315	3	Art History Appreciation OR	ART	2340	3
American Government	PSCI	2312		Music History Appreciation	MUSI	2330	
Calculus II	MATH	2520	5	Oral Communication	MCOM	2390	3
Humanities OR	HUMN	2301	3	English Literature	ENGL	2300/2360/2361	3
Effective Thinking/Logic OR	HUMN	2340		Principles of Economics OR	ECON	2310	3
Theatre Appreciation	THTR	2324		Introduction to Sociology	SOCI	2310	
Organic Chemistry I	CHEM	3311	3	Organic Chemistry II	CHEM	3321	3
Organic Chem. I lab	CHEM	3111	1	Organic Chem. II lab	CHEM	3121	1
			15				16
JUNIOR YEAR							
Comp Sci/Vis Basic	CPSC	2322	3	Intro to Computer Prog.	CPSC	2363	3
University Physics I	PHYS	3310	3	University Physics II	PHYS	3320	3
University Physics I Lab	PHYS	3110	1	University Physics II Lab	PHYS	3120	1
Quantitative Analysis	CHEM	2330	3	Principles of Biology	BIOL	1455	4
Quantitative Analysis	CHEM	2130	1	Foreign Language II	MDFL		3
Foreign Language I	MDFL		3	Career & Life Planning	BAS	1120	1
			15				15
SENIOR YEAR							
Chemical Research	CHEM	4210	2	Inorganic Chemistry	CHEM	4310	3
Biochemistry I	CHEM	3313	3	Research Chemistry	CHEM	4212	2
Biochemistry I Lab	CHEM	3113	1	Chemistry Seminar	CHEM	4110	1
Biology Elective	BIOL		4	Physical Chemistry II	CHEM	4322	3
Physical Chemistry I	CHEM	4312	3	Physical Chemistry II Lab	CHEM	4122	1
Physical Chemistry I Lab	CHEM	4112	1	Instrumental Analysis	CHEM	4350	3
Physical Education Elective	HLPE	1110-1125	1	Instrumental Analysis Lab	CHEM	4150	1
				Physical Education Elective OR	HLPE	1110-1125	1
				Learning to Lead 1 (for 1-hr PE)	MLSC	1210	
			15				15-16