

**CURRICULUM FOR BACHELOR OF SCIENCE IN CHEMISTRY AND PHYSICS
BIOCHEMISTRY OPTION
(120-CREDIT HOURS)**

Minimum Grade of "C" in ALL STEM Courses

FALL SEMESTER				SPRING SEMESTER			
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							
Oral Communication	MCOM	2390	3	Art History Appreciation OR	ART	2340	3
Foreign Language I	MDFL		3	Music History Appreciation	MUSI	2330	
Humanities OR	HUMN	2301	3	Comp Sci/Vis Basic	CPSC	2322	3
Effective Thinking/Logic OR	HUMN	2340		English Literature	ENGL	2300/2360/ 2361	3
Theatre Appreciation	THTR	2324		Principles of Economics OR	ECON	2310	3
Career & Life Planning	BAS	1120	1	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
Physical Education Elective	HLPE	1110-1125	1				
			15				16
JUNIOR YEAR							
				Intro to Computer Prog.	CPSC	2363	3
General Physics I	PHYS	2310	3	General Physics II	PHYS	2320	3
General Physics I Lab	PHYS	2110	1	General Physics II Lab	PHYS	2120	1
Quantitative Analysis	CHEM	2330	3	Principles of Biology II	BIOL	1456	4
Quantitative Analysis	CHEM	2130	1	Foreign Language II	MDFL		3
Principles of Biology I	BIOL	1455	4	Physical Education Elective OR	HLPE	1110-1125	1
U.S. History OR	HIST	2315	3	Learning to Lead 1 (for 1-hr PE)	MLSC	1210	
American Government	PSCI	2312					
			15				15-16
SENIOR YEAR							
Research Chemistry I	CHEM	4210	2	Biochemistry II	CHEM	3322	3
Biochemistry I	CHEM	3313	3	Research Chemistry II	CHEM	4212	2
Biochemistry I Lab	CHEM	3113	1	Chemistry Seminar	CHEM	4110	1
Cell Biology	BIOL	3480	4	Biology Elective	BIOL		4
Physical Chemistry I	CHEM	4312	3	Chemistry Elective	CHEM		4
Physical Chemistry I Lab	CHEM	4112	1				
			14				15