

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

Minimum Grade of "C" in ALL Physics, Chemistry and Mathematics Courses

FALL SEMESTER				SPRING SEMESTER				
<b>FRESHMAN YEAR</b>								
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 <b>OR</b>	MATH	1330	3		Calculus I	MATH	2510	5
College Trigonometry <b>OR</b>	MATH	1340			Personal Health & Safety <b>OR</b>	HLPE	1310	3
Pre-Calculus	MATH	1550			Nutrition and Wellness	HUSC	1311	
Physical Education Elective	HLPE	1110-1125	1					
General Psychology <b>OR</b>	PSYC	2300	3					
Intro to Social Sciences	SOCI	1320						
			<b>14-16</b>					<b>15</b>
<b>SOPHOMORE YEAR</b>								
U.S. History <b>OR</b>	HIST	2315	3		Art History Appreciation <b>OR</b>	ART	2340	3
American Government	PSCI	2312			Music History Appreciation	MUSI	2330	
Calculus II	MATH	2520	5		Oral Communication	MCOM	2390	3
Humanities <b>OR</b>	HUMN	2301	3		English Literature	ENGL	2300/2360/2361	3
Effective Thinking/Logic <b>OR</b>	HUMN	2340			Principles of Economics <b>OR</b>	ECON	2310	3
Theatre Appreciation	THTR	2324			Introduction to Sociology	SOCI	2310	
Career & Life Planning	BAS	1120	1		University Physics II	PHYS	3320	3
University Physics I	PHYS	3310	3		University Physics II Lab	PHYS	3120	1
University Physics I Lab	PHYS	3110	1					
			<b>16</b>					<b>16</b>
<b>JUNIOR YEAR</b>								
Comp Sci/Vis Basic	CPSC	2322	3		Intro to Computer Prog.	CPSC	2363	3
Thermodynamics	PHYS	4341	3		Electricity/Magnetism	PHYS	4311	3
Analytical Mechanics I	PHYS	4321	3		Modern Physics	PHYS	4331	3
Math Methods in Physics	PHYS	4361	3		Differential Equation	MATH	4320	3
Foreign Language I	MDFL		3		Foreign Language II	MDFL		3
			<b>15</b>					<b>15</b>
<b>SENIOR YEAR</b>								
Advanced Laboratory I	PHYS	4350	3		Quantum Mechanics	PHYS	4347	3
Space Physics	PHYS	4346	3		Optics	PHYS	4345	3
Physics Seminar	PHYS	4221	2		Intro to Solid State	PHYS	4352	3
Research	PHYS	4210	2		Principles of Biology	BIOL	1455	4
Nuclear Physics	PHYS	4342	3		Physical Education Elective <b>OR</b>	HLPE	1110-1125	1
Personal & Social Dev	BAS	1210	2		Learning to Lead 1 (for 1-hr PE)	MLSC	1210	
			<b>15</b>					<b>14</b>