

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

Minimum Grade of "C" in ALL STEM and Criminal Justice 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	
Intro. To Statistic	MATH	2370	3		Oral Communication	MCOM	2390	3
Humanities OR	HUMN	2301	3		Comp Sci/Vis Basic	CPSC	2322	3
Effective Thinking/Logic OR	HUMN	2340			Principles of Economics OR	ECON	2310	3
Theatre Appreciation	THTR	2324			Introduction to Sociology	SOCI	2310	
Career & Life Planning	BAS	1120	1		Organic Chemistry II	CHEM	3321	3
Organic Chemistry I	CHEM	3311	3		Organic Chem. II lab	CHEM	3121	1
Organic Chem. I lab	CHEM	3111	1					
Physical Education Elective	HLPE	1110-1125	1					
			15					16
JUNIOR YEAR								
English Literature	ENGL	2300/2360 /2361	3		Intro to Computer Prog.	CPSC	2363	3
General Physics I	PHYS	2310	3		Principles of Biology I	BIOL	1455	4
General Physics I Lab	PHYS	2110	1		Foreign Language I	MDFL		3
Quantitative Analysis	CHEM	2330	3		Instrumental Analysis	CHEM	4350	3
Quantitative Analysis	CHEM	2130	1		Instrumental Analysis Lab	CHEM	4150	1
Introduction to Criminal Justice	CRJU	2350	3		Physical Education Elective OR	HLPE	1110-1125	1
					Learning to Lead 1 (for 1-hr PE)	MLSC	1210	
			14					15
SENIOR YEAR								
Criminal Law for Examination	CRJU	3365	3		Forensic Chemistry II	CHEM	4365	3
Biochemistry I	CHEM	3313	3		Forensic Chemistry II Lab	CHEM	4165	1
Biochemistry I Lab	CHEM	3113	1		Chemistry Seminar	CHEM	4110	1
Forensic Chemistry I	CHEM	4360	3		Biology Elective	BIOL		4
Forensic Chemistry I Lab	CHEM	4160	1		Principles of Law of Evidence	CRJU	3368	3
Physical Chemistry I	CHEM	4312	3		Foreign Language II	MDFL		3
Physical Chemistry I Lab	CHEM	4112	1					
			15					15

School of Arts and Sciences
Department of Chemistry and Physics
Bachelor of Science Degree in Chemistry and Physics-
Forensic Chemistry Concentration (120-Credit Hours)

A Minimum Grade of C is required for All STEM and Criminal Justice Courses

DATE OF ENTRY: I.D. NUMBER Email:
NAME: ADDRESS:
HOME TELEPHONE: WORK: CELL:

COURSE	HRS	COURSE	HRS
General Education Institutional Requirement (3-Hrs)		___ MCOM 2390 Oral Communication	3
___ BAS 1210 Personal and Social Development	2	Select 1 course from the following:	3
___ BAS 1120 Career and Life Planning	1	___ ENGL 2300 Introduction to Literature	
Mathematics & Natural Sciences (11-13 Hours)		___ ENGL 2360 World Literature I	
___ BIOL 1455 Principles of Biology	4	___ ENGL 2361 World Literature II	
___ CHEM 1330 General Chemistry I	3	Additional Requirement Courses (50-Hours)	
___ CHEM 1130 General Chemistry I Lab	1	___ CPSC 2322 Special Topics: Visual Basic	3
Select 1 course from the following:	3-5	___ CPSC 2363 Intro. to Business Programming	3
___ MATH 1330 College Algebra		___ Foreign Language I	3
___ MATH 1340 College Trigonometry		___ Foreign Language II	3
___ MATH 1550 Pre-Calculus I		___ CHEM 1340 General Chemistry II	3
Humanities (6-Hours)		___ CHEM 1140 General Chemistry II Lab	1
Select 2 courses from the following:	6	___ CHEM 3311 Organic Chemistry I	3
___ ART 2340 Art Appreciation		___ CHEM 3111 Organic Chemistry I Lab	1
___ MUSI 2330 Music Appreciation		___ MATH 2510 Calculus I	5
___ HUMN 2301 Humanities		___ CHEM 3321 Organic Chemistry II	3
___ HUMN 2340 Effective Thinking / Logic		___ CHEM 3121 Organic Chemistry II Lab	1
___ THTR 2324 Theatre Appreciation		___ CHEM 2330 Quantitative Analysis	3
Social Sciences (9-Hours)		___ CHEM 2130 Quantitative Analysis Lab	1
Select 1 course from the following:	3	___ CHEM 4312 Physical Chemistry I	3
___ HIST 2315 U. S. History to 1877		___ CHEM 4112 Physical Chemistry I Lab	1
___ HIST 2318 U. S. History Since 1877		___ CHEM 3313 Biochemistry I	3
___ PSCI 2312 American Government		___ CHEM 3113 Biochemistry I Lab	1
Select 2 from the following	6	___ CHEM 4350 Instrumental Analysis	3
___ ECON 2310 Principles of Economics I		___ CHEM 4150 Instrumental Analysis Lab	1
___ PSYC 2300 General Psychology		___ BIOL Biology Elective 3440,3460,3470,3480/3490	4
___ SOCI 1320 Introduction to Social Science		___ CHEM 4110 Chemistry Seminar	1
___ SOCI 2310 Introduction to Sociology		Forensic Chemistry Option (24-Hours)	
Health & Physical Education (5-Hours)		___ CHEM 4360 Forensic Chemistry I	3
Select 1 course from the following:	3	___ CHEM 4160 Forensic Chemistry I Lab	1
___ HUSC 1311 Nutrition and Wellness		___ CHEM 4365 Forensic Chemistry II	3
___ HLPE 1310 Personal Health & Safety		___ CHEM 4165 Forensic Chemistry II Lab	1
Select any 1 from the following:	2	___ CRJU 2350 Introduction to Criminal Justice	3
___ HLPE 1110 through HLPE 1125 Phys. Educ.		___ CRJU 3365 Criminal Law for Examination	3
___ MLSC 1210: Learning to Lead I (for 1 hour PE)		___ CRJU 3368 Principles of Law of Evidence	3
Communication (12-Hours)		___ MATH 2370 Introduction to Statistics	3
___ ENGL 1311 English Composition I	3	___ PHYS 2310 General Physics I*	3
___ ENGL 1321 English Composition II	3	___ PHYS 2110 General Physics I Lab**	1

CAN BE USED AS SUBSTITUTE

*PHYS 3310 University Physics I

**PHYS 3110 University Physics I Lab

CHECKLIST OF COMPLETION:

___ AAGE (Rising Junior Exam)

___ Senior Comprehensive Exam

___ Exit University College

___ English Proficiency Exam

SIGNATURES:

Student: Date:
Advisor: Date:
Chair: Date:
Dean: Date: