

Grambling State University
CHEMISTRY DEPARTMENT

Bachelor of Science
FORENSIC (Concentration)
(*Revised May 28, 2008*)

Name: _____ Catalog: _____ Advisor: _____

Course Number	Course Name	Hrs.	Prerequisites (P) Co-requisite (C)	Grade	Semester / Yr & Faculty Approval
FRESHMAN YEAR					
FYE 101	First Year Experience	1			
FYE 102	First Year Experience	1	FYE 101 (P)		
CHEM 111	General Chemistry	3			
CHEM 113	General Chemistry Laboratory	1	CHEM 111 (C)		
BIOL 113/115	Principles of Biology Lecture/Lab	4			
ENG 101	Freshman Composition I	3			
MATH 153	Calculus I	3			
CHEM 112	General Chemistry	3	CHEM 111 (P)		
CHEM 114	General Chemistry Laboratory	1	CHEM 112 (C)		
BIOL 114/116	Principles of Biology Lecture/Lab	4	BIOL 113 (P)		
ENG 102	Freshman Composition II	3	ENG 101 (P)		
CJ 101	Introduction to Criminal Justice	3			
MATH 154	Calculus II	3	MATH 153 (P)		
	TOTAL	33			
SOPHOMORE YEAR					
CHEM 223	Organic Chemistry	3	CHEM 112 (P)		
CHEM 225	Organic Chemistry Laboratory	1	CHEM 223 (C)		
CJ 202	Criminal Procedure and Evidence	3			
ART 210	Fine and Performing Arts	3			
STAT 273	Probability & Statistics I	3			
CHEM 224	Organic Chemistry	3	CHEM 223 (P)		
CHEM 226	Organic Chemistry Laboratory	1	CHEM 224 (C)		
CHEM 230	Quantitative Analysis Lecture	3	CHEM 112 (P)		
CHEM 232	Quantitative Analysis Laboratory	2	CHEM 230 (C)		
ENG 200	World Literature	3			
FCHE 202	Introduction to Forensic Chemistry	1	CHEM 111 (P) CJ 202 (P)		
HIST 101	Western Civilization	3			
	Foreign Language	3			
GET 300	Rising Junior Examination	0			
	TOTAL	32			

Course Number	Course Name	Hrs.	Prerequisites(P) Co-requisite (C)	Grade	Semester/ Yr & Faculty Approval
JUNIOR YEAR					
CHEM 341	Physical Chemistry	3	CHEM 230/232 MATH 154 (P)		
CHEM 343	Physical Chemistry Laboratory	1	CHEM 341 (C)		
PHYS 153	General Physics I	4	MATH 153		
	Foreign Language	3			
CS 206	Programming in C++	3	MATH 131 or higher		
PHYS 154	General Physics II	4	PHYS 153		
SOC 101	Intro to the Social Sciences	3			
FCHE 302	Physical Methods in Forensic Chemistry	2	CHEM 232 (P)		
CHEM 461	Biochemistry	3	CHEM 224		
CJ 211	Criminal Investigation	3			
HIST 104	Modern World History	3			
	TOTAL	32			
SUMMER PRIOR TO SENIOR YEAR					
FCHE 455	Forensic Internship	4			
	TOTAL	4			
SENIOR YEAR					
CHEM 430	Instrumental Analysis Lecture	3	CHEM 341 (P)		
CHEM 432	Instrumental Analysis Laboratory	2	CHEM 224/230 (P)		
CJ 496	Special Topics in Justice/Ethics	3			
Free and Science Electives*	_____	6		____	
	_____			____	
	_____			____	
ENG 207	Intro to Technical Writing	3			
CHEM 462	Biochemistry / Molecular Biology	3	CHEM 224 (P)		
CHEM 464	Biochemistry / Molecular Biology Lab	1	CHEM 462 (C)		
ECON 201	Macroeconomics	3			
	TOTAL	24			
	GRAND TOTAL	125			

*Recommended Science Electives: CHEM 342, 344; CHEM 410; CHEM 434; NUR 205; BIOL 207; or BIOL 305

Approved Substitutions

Dean	Course		Course	Cred. Hr.	Grade
_____	_____	for	_____	_____	_____
_____	_____	for	_____	_____	_____
_____	_____	for	_____	_____	_____
_____	_____	for	_____	_____	_____