FORENSIC CHEMISTRY (B.S.)

Degree: Bachelor of Science

Major: Forensic Chemistry

Concentration: None

Total Hours: 126

Code	Title	Hours
General Education Core Curriculum		
Communication		
ENGL 1301	Composition I	3
Select one of the following:		3
COMM 1315	Public Speaking I	
COMM 1321	Business and Prof Speech	
FREN 1311	Beginning French I	
SPAN 1311	Beginning Spanish I	
Mathematics		
MATH 1342	Elementary Statistical Methods	3
Life and Physical Sciences - 6 hours [1]		
BIOL 1406	General Biology I (Majors)	4
BIOL 1407	General Biology II (Majors)	4
Language, Philosophy and Culture		
Select three hours from the following:		3
DSDE 1374	Introduction to Deaf Studies	
ENGL 2300	Ethics and Literature	
ENGL 2322	British Literature	
ENGL 2326	American Literature	
ENGL 2331	World Literature	
ENGL 2376	African-American Literature	
FREN 2312	Intermediate French II	
PHIL 1370	Philosophy of Knowledge	
PHIL 2306	Ethics	
SPAN 2312	Intermediate Spanish II	
Creative Arts		
Select three hours from the following:		3
ARTS 1301	Art Appreciation	
ARTS 1303	Art History I	
COMM 1375	Film Appreciation	
COSC 1324	The Art of Computer Game Development	
DANC 2303	Dance Appreciation	
MUSI 1306	Music Appreciation	
MUSI 1309	Jazz History and Appreciation	
MUSI 1310	History of Rock and Roll	
PHIL 1330	Arts and Ideas	
THEA 1310	Theatre Appreciation	
American History		
Select six hours from the following:		6
HIST 1301	U S History I 1763-1877	
HIST 1302	U S History II Since 1877	
HIST 2301	Texas History	
Government/Political Science		
POLS 2301	Intro to American Government I	3
POLS 2302	Intro/American Government II	3
Social and Behavioral Sciences		
Select three hours from the following:		3
ANTH 2346	Introduction to Anthropology	
ANTH 2351	Cultural Anthropology	
BULW 1370	Business Environment and Public Policy	
CRIJ 1301	Intro to Criminal Justice	
ECON 1301	Principles and Policies	
ECON 2301	Principles of Economics I Macro	
ECON 2302	Principles of Economics II Micro	
FINC 2310	Intro to Consumer Finance	
INEN 2373	Engineering Economics	
PSYC 2301	General Psychology	
PSYC 2315	Lifespan Development	
POLS 1301	Intro to Political Science	
SOCI 1301	Introduction to Sociology	
SOWK 2361	Intro Social Work	
Component Area Option - 6 hours [1]		
ENGL 1302	Composition II	3
MATH 2413	Calculus I	4
Required Major Courses		
Chemistry Requirements		
CHEM 1111	General Chemistry I Laboratory	1
CHEM 1112	General Chemistry II Laboratory	1
CHEM 1311	General Chemistry I	3
CHEM 1312	General Chemistry II	3
CHEM 3111	Organic Chemistry I Laboratory	1
CHEM 3112	Organic Chemistry II Laboratory	1
CHEM 3311	Organic Chemistry I	3
CHEM 3312	Organic Chemistry II	3
CHEM 3401	Quantitative Analysis	4
CHEM 4315	Biophysical Chemistry	3
CHEM 4381	Chemical Communication	3
CHEM 4411	Biochemistry I	4
CHEM 4461	Instrumental Methods of Analysis	4
CHEM 4371	Intro Research	3
BIOL 2420	Microbiology	4
BIOL 3470	Genetics	4
BIOL 4404	Molecular Biology	4
BIOL 4435	Environmental Toxicology	4
CHEM 3491	Intro to Forensic Sciences	4
CHEM 4491	Forensic Chemistry	4
CRIJ 1301	Intro to Criminal Justice	3
CRIJ 2314	Criminal Investigation	3
CRIJ 3310	Criminal Procedures & Evidence	3
CRIJ 4313	Contemporary Issues in Criminal Justice [3]	3
PHYS 1401	College Physics I	4
PHYS 1402	College Physics II	4
Total Hours		**126**

[1] Additional hours are applied to degree requirements below.
[2] Additional 3 hours from core curriculum applied here.

[3] Special Topics Course. Appropriate topics include Drugs and Alcohol, Substance Abuse, or a related topic with the advisor's permission.

First Year		
Fall		**Hours**
MATH 1342	Elementary Statistical Methods	3
COMM 1315 or COMM 1321 or FREN 1311 or SPAN 1311	Public Speaking I or Business and Prof Speech or Beginning French I or Beginning Spanish I	3
BIOL 1406	General Biology I (Majors)	4
Creative Art		3
HIST 1301	U S History I 1763-1877	3
	Hours	**16**
Spring		
MATH 2413	Calculus I	4
HIST 1302	U S History II Since 1877	3
Social and Behavioral Science Core		3
BIOL 1407	General Biology II (Majors)	4
ENGL 1301	Composition I	3
	Hours	**17**
Second Year		
Fall		
CHEM 1311	General Chemistry I	3
CHEM 1111	General Chemistry I Laboratory	1
PHYS 1401	College Physics I	4
CRIJ 1301	Intro to Criminal Justice	3
ENGL 1302	Composition II	3
	Hours	**14**
Spring		
CHEM 1312	General Chemistry II	3
CHEM 1112	General Chemistry II Laboratory	1
PHYS 1402	College Physics II	4
CRIJ 2314	Criminal Investigation	3
Language, Philosophy and Culture		3
	Hours	**14**
Third Year		
Fall		
CHEM 3311	Organic Chemistry I	3
CHEM 3111	Organic Chemistry I Laboratory	1
CHEM 3401	Quantitative Analysis	4
BIOL 2421	Microbiology for Science Majors	4
POLS 2301	Intro to American Government I	3
	Hours	**15**
Spring		
CHEM 3312	Organic Chemistry II	3
CHEM 3112	Organic Chemistry II Laboratory	1
CHEM 3491	Intro to Forensic Sciences	4
BIOL 4404	Molecular Biology	4
CRIJ 3310	Criminal Procedures & Evidence	3
	Hours	**15**
Summer		
CHEM 4371	Intro Research	3
POLS 2302	Intro/American Government II	3
	Hours	**6**
Fourth Year		
Fall		
CHEM 4315	Biophysical Chemistry	3
CHEM 4381	Chemical Communication	3
CHEM 4491	Forensic Chemistry	4
CHEM 4411	Biochemistry I	4
	Hours	**14**
Spring		
CRIJ 4313	Contemporary Issues in Criminal Justice	3
CHEM 4461	Instrumental Methods of Analysis	4
BIOL 3470	Genetics	4
BIOL 4435	Environmental Toxicology	4
	Hours	**15**
	Total Hours	**126**