

B.S. in FORENSIC CHEMISTRY (Comprehensive Major)

8/2020

2020 FOUR YEAR CURRICULUM GUIDE DEPARTMENT OF CHEMISTRY/GEOLOGY/PHYSICS

Year 1	Fall Semester		Year 1	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
CHEM 103	Gen. Chem. I (fa only, Core 1)	4	CHEM 104	Gen. Chem. II (sp only, Core 5)	4
MATH 205	Calculus I (fa only, Core 2)	5	MATH 206	Calculus II (sp only)	5
ENG 101	Composition I (Core 3)	3	ENG 102	Composition II (Core 6)	3
CORE/CCI*	Inst. Requirement (Core 4)	3	CJ 130	Intro. to Criminal Justice	3
	TOTAL	15		TOTAL	15

Year 2	Fall Semester		Year 2	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
CHEM 307/307L	Organic Chem I (fa only) w/Lab	4	CHEM 308/308L	Organic Chem II (sp only) w/Lab	4
PHYS 205	University Physics (fa only)	5	PHYS 206	University Physics (sp only)	5
BIO 201	Molecular & Cellular Basis of Life	4	BIO 202	Organisms, Adaptation & Diversity	4
CORE	Inst. Requirement (Core 7)	3	CORE	Inst. Requirement (Core8)	3
	TOTAL	16		TOTAL	16

Year 3	Fall Semester		Year 3	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
CHEM 411/411L or BIO 303	Phys. Chem I w/ lab (fa odd) or Genetics	4	CHEM 4XX	CHEM 493 Internship or 497 Research or CHEM 420 Instrumental Analysis (sp only)	3-4
CHEM 320	Quantitative Analysis (fa only)	4	PHIL 280	Applied Ethics	1-2
COM 208 or CORE	Argumentation & Advocacy (fa odd) or Inst. Requirement (Core 9)	3	CORE	Inst. Requirement (Core 12)	3
CJ 200 or CORE	Crim. Investigation I (fa odd) or Inst. Requirement (Core 10)	3	CORE	Inst. Requirement (Core 13)	3
CORE	Inst. Requirement (Core 11)	3	ELECTIVE	General Electives as needed to fulfill required credit hrs.	0-3
	TOTAL	17		TOTAL	12-15

Year 4			Year 4		
Fall Semester			Spring Semester		
Course #	Title	Cr.	Course #	Title	Cr.
CHEM 429/429L	Biochemistry w/ Lab	4	CHEM 4XX	CHEM 420 Instrumental Analysis (sp only) or CHEM 493 Internship or 497 Research	3-4
BIO 303	Genetics or CHEM 411/411L (fa odd)	4	CORE	Inst. Requirement (Core 14)	3
CORE or COM 208	Inst. Requirement (Core 9) or Argumentation and Advocacy (fa odd)	3	CORE	Inst. Requirement (Core 15)	3
CORE or CJ 200	Inst. Requirement (Core 10) or Criminal Investigation (fa odd)	3	ELECTIVE	General Electives as needed to fulfill required credit hrs.	3-6
	TOTAL	14		TOTAL	12-16

120 total credit hours required for degree

**The Critical Cultural Inquiry (CCI) requirement can be completed by either one value-added foreign language course, an approved study away or study abroad experience, or one CCI course. One slot should be allotted for CORE/CCI, but students completing the requirement with study abroad, can substitute an elective if necessary to reach 120 hours. If students are continuing a language study, it is preferable to take the course during the first semester of the first year.*