

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	Organic Chem I (fa only)	3	CHEM 308	Organic Chem II (sp only)	3
CHEM 307L	Organic Chem I Lab (fa only)	1	CHEM 308L	Organic Chem II Lab (sp only)	1
PHYS 205	University Physics (fa only)	4	PHYS 206	University Physics (sp only)	4
BIO 201	Molec. & Cellular Basis of Life	4	BIO 202	Organisms, Adap. & Divers.	4
CORE	Inst. Requirement (Core 7)	3	CORE	Inst. Requirement (Core 8)	3
	TOTAL	15		TOTAL	15

Year 3	Fall Semester		Year 3	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
CHEM 411/411L	Quantum Mechanics w. lab (fa odd)* or BIO 303 Genetics	4	ELECTIVE	ELECTIVE OR CHEM 420 Instrumental Analysis (sp only)	3-4
CHEM 320	Quantitative Analysis (fa only)	4	CHEM 412/412L	Thermodynamics w. lab (sp even)* or CHEM 416/416L (sp odd)	3-4
COM 208	Argumentation & Advocacy (fa odd) or Inst. Requirement (Core 9)	3	PHIL 280	Applied Ethics	1-2
CJ 200	Crim. Investigation I (fa odd) or Inst. Requirement (Core 10)	3	CORE	Inst. Requirement (Core 12)	3
CORE	Inst. Requirement (Core 11)	3	CORE	Inst. Requirement (Core 13)	3
	TOTAL	17		TOTAL	13-16

Year 4	Fall Semester		Year 4	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
CHEM 429/429L	Biochemistry w. lab	4	CHEM 420	Instrumental Analysis (sp only) or Elective	3-4
BIO 303	Genetics or CHEM 411/411L (fa odd)*	4	CHEM 416/416L	CHEM 416/416L or CHEM 412/412L* (sp even)	4
CORE	Inst. Requirement (Core 9) or COM 208 (fa odd)	3	CORE	Inst. Requirement (Core 14)	3
CORE	Inst. Requirement (Core 10) or CJ 200 (fa odd)	3	CORE	Inst. Requirement (Core 15)	3
	TOTAL	14		TOTAL	13-14

120 total credit hours required for degree

*Students only need to choose one course from Chem411/411L and 412/412L.

**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.