

CHEMISTRY MAJOR - B.S. (CH-F) Forensics Concentration

First Year

Fall	Credits	Spring			
Credits					
CHEM 121	Chemical Principles I/Lab	4	CHEM 122	Chemical Principles II/Lab	4
MATH 121	Calculus I	3	MATH 122	Calculus II	3
CHEM 192	Freshman Chem. Seminar	0	PHYS 121	General Physics I/Lab	4
WRIT 102	Research Writing, <u>G.E.</u>	3	CORE 113	First Year Seminar, <u>G.E.</u>	3
HIST XXX	History, <u>G.E.</u>	3	RLST 105	Francis & Glob. Iss., <u>G.E.</u>	3
SOC 101	Sociology, (1 of 3) <u>G.E.</u>	3	CORE 104	Spring Comm. Enrich., <u>G.E.</u>	0
CORE 103	Fall Comm. Enrich., <u>G.E.</u>	0			
		16			17

Second Year

Fall		Credits	Spring		Credits
CHEM 221	Organic Chemistry I/Lab	4	CHEM 222	Organic Chemistry II/Lab	4
BIOL 111	Biology I/Lab	4	CHEM 251	Quantitative Analysis/Lab	3
PHYS 122	General Physics II	4	CHEM 292	Sophomore Chem. Seminar	0
LIT XXX	Literature, <u>G.E.</u>	3	PHIL 205	Reason and Respons., <u>G.E.</u>	3
FNAR XXX	Fine Arts, <u>G.E.</u> ***	3	SOC 309	Crime and Delinquency	3
		18	SOC SCI 2nd	Social Science (2 of 3), <u>G.E.</u>	3
					16

Third Year

Fall		Credits	Spring		Credits
CHEM 321	Physical Chemistry I/Lab	4	CHEM 405	Biochemistry I/ Lab	4
BIOL 301/401	Genetics or Cell/Molec./Lab	4	CHEM 499	Undergraduate Research	1-2
MATH 215	Introductory Statistics	3	(or 398/399)	Internship	
SOC 306	Sociology of Criminal Justice	3	CHEM 392	Junior Chem. Seminar	0
XXX	Elective	3	Chm/Soc XXX	Forensics Elective*	3
EXAM 301	Writing Comp. Exam, <u>G.E.</u>	0	PHIL/RLST	Ethics Course, <u>G.E.</u> ***	3
		17	LANG XXX	Language, <u>G.E.</u> ***	3
			XXX	Elective	3
					17-18

Fourth Year

Fall		Credits	Spring		Credits
CHEM 324	Inorganic Chemistry/Lab	4	CHEM 323	Instrumental Analysis/Lab	3
CHEM 308	Forensics Chemistry	3	CHEM 457	Chemistry and Society	3
CHEM 308L	Forensics Lab	1	CHEM XXX	Forensics Elective**	3
XXX	Elective	3	SOC SCI 3rd	Social Science (3 of 3), <u>G.E.</u> ***	3
XXX	Elective	3	XXX	Elective	3
		14	XXX	Elective	3
					18

*Forensics Electives (3 or more credits must be taken from the following)

CHEM 398-399	Internship	1-15	CHEM 401	Spectroscopy	3
CHEM 404	Advanced Organic Chemistry	3	CHEM 410	Special Topics in Chemistry	1-4
CHEM 407	Biochemistry II/Lab	4	CHEM 499	Undergraduate Research	1-4
SOC 325	American Courts System	3	SOC 335	Soc. Perspect. on Policing	3
SOC 337	Criminal Investigations	3	SOC 340	Sociology of Corrections	3

**Forensics Elective: PHYS 308, CHEM 206, or CHEM 300-400 level course.

***If the course taken to satisfy one of these requirements (RLST/PHIL, FNAR, Soc Sci, LANG) is on the list of courses approved to satisfy the diversity requirement, then both requirements will be fulfilled with a single course. Otherwise a separate diversity course (3 credits) is needed.

To obtain an ACS certified degree you must take the following classes: CHEM 121, 122, 192, 221, 222, 251, 292, 321, 322, 323, 324, 392, 398/399 OR 499, 405, 492 and 6 credits of CHEM electives (305, 308, 401, 402, 404, 407, 410, 501)

Note: Sequence of courses may be altered with advisor's approval).

Revised 05/20/2021