

CHEMISTRY MAJOR - B.S.

Forensics Concentration

First Year

Fall

Credits

CHEM 121	General Chemistry I/Lab	4
CHEM 192	Freshman Chem. Seminar	0
CORE 103	Fall Comm. Enrich., <u>G.E.</u>	0
HIST XXX	History, <u>G.E.</u>	3
MATH 121	Calculus I	3
SOC 101	Sociology, (1 of 3) <u>G.E.</u>	3
WRIT 102	Research Writing, <u>G.E.</u>	3
		<u>16</u>

Spring

CHEM 122	General Chemistry II/Lab	4
CORE 104	Spring Comm. Enrich., <u>G.E.</u>	0
CORE 113	First Year Seminar, <u>G.E.</u>	3
FTAE 105	Francis & Glob. Iss., <u>G.E.</u>	3
MATH 122	Calculus II	3
PHYS 121	General Physics I/Lab	4
		<u>17</u>

Second Year

Fall

BIOL 111	Molec, Cells, Anim./Lab	4
CHEM 221	Organic Chemistry I/Lab	4
LIT XXX	Literature, <u>G.E.</u>	3
PHYS 122	General Physics II	4
		<u>15</u>

Spring

CHEM 222	Organic Chemistry II/Lab	4
CHEM 251	Quantitative Analysis/Lab	3
CHEM 292	Sophomore Chem. Seminar	0
CJ 309	Crime and Delinquency	3
PHIL 205	Reason and Respons., <u>G.E.</u>	3
SOC SCI 2 nd	Social Science (2 of 3), <u>G.E.</u>	3
		<u>16</u>

Third Year

Fall

CHEM 321	Physical Chemistry I/Lab	4
CHEM 405	Biochemistry I/ Lab	4
CJ 306	Sociology of Criminal Justice	3
Diversity	Diversity Elective, <u>G.E.</u>	3
EXAM 301	Writing Comp. Exam, <u>G.E.</u>	0
MATH 215	Introductory Statistics	3
		<u>17</u>

Spring

BIOL 301/401	Genetics or Cell/Molec./Lab	4
CHEM 499	Undergraduate Research	1
(or 398/399)	Internship	
CHEM 392	Junior Chem. Seminar	0
Chm/Soc XXX	Forensics Elective*	3
LANG XXX	Language, <u>G.E.</u>	3
PHIL/FTAE	Ethics Course, <u>G.E.</u>	3
XXX	Elective	3
		<u>17</u>

Fourth Year

Fall

CHEM 324	Inorganic Chemistry/Lab	4
CHEM 308	Forensics Chemistry	3
CHEM 308L	Forensics Lab	1
FNAR XXX	Fine Arts, <u>G.E.</u>	3
XXX	Elective	3
		<u>14</u>

Spring

CHEM 323	Instrumental Analysis/Lab	3
CHEM 457	Chemistry and Society	3
CHEM XXX	Chemistry Elective**	3
SOC SCI 3 rd	Social Science (3 of 3), <u>G.E.</u>	3
XXX	Elective	3
XXX	Elective	3
		<u>18</u>

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

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

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

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 05/15/2023