

BA Chemistry (CHMA): Forensics Track

Freshman

Fall	Hours	Spring	Hours
ENGL 1100 English Composition I		3 ENGL 1120 English Composition II	3
MATH 1610 Calculus I		4 MATH 1620 Calculus II	4
CHEM 1110 General Chemistry I¹		3 CHEM 1120 General Chemistry for Scientists and Engineers II¹	3
CHEM 1111 General Chemistry I Laboratory		1 CHEM 1121 General Chemistry II Laboratory	1
BIOL 1020 Principles of Biology		3 BIOL 1030 Organismal Biology	3
BIOL 1021 Principles of Biology Laboratory		1 BIOL 1031 Organismal Biology Laboratory	1
SCMH 1950 COSAM Major and Career Exploration		1	
		16	15

Sophomore

Fall	Hours	Spring	Hours
CHEM 2070 Organic Chemistry I		3 CHEM 2080 Organic Chemistry II	3
CHEM 2071 Organic Chemistry I Laboratory		1 CHEM 2081 Organic Chemistry II Laboratory	1
PHYS 1500 General Physics I ²		4 PHYS 1510 General Physics II ²	4
CHEM 3050 Analytical Chemistry		3 CORE HISTORY	3
CHEM 3051 Analytical Chemistry Laboratory		1 COMM 1000 Public Speaking	3
CORE FINE ARTS		3 CORE SOCIAL SCI or HUM ⁴	3
		15	17

Junior

Fall	Hours	Spring	Hours
BCHE 5180 Biochemistry I		3 CHEM 3000 Chemical Literature	1
BCHE 5181 Biochemistry I Laboratory		1 Foreign Language	4
CHEM 3160 Survey of Physical Chemistry		3 CORE SOCIAL SCIENCE	3
Foreign Language		4 BIOL 3000 Genetics	3
CORE LITERATURE		3 STAT 2510 Statistics for Biological and Health Sciences	3
		14	14

Senior

Fall	Hours	Spring	Hours
CHEM Elective³		3 CHEM 4130 Instrumental Analysis	3
CORE HISTORY or LITERATURE ⁴		3 CHEM 4131 Instrumental Analysis Laboratory	1
CORE SOCIAL SCIENCE		3 Professional Electives ³	3
Professional Electives ³		3 Elective	7
Elective		3 UNIV 4AA0 Achieve the Creed ⁵	0
		15	14

Total Hours: 120

¹ CHEM 1030/CHEM 1031 and CHEM 1040/CHEM 1041 sequence can substitute for CHEM 1110/CHEM 1111 and CHEM 1120/CHEM 1121. See advisor for details.

² PHYS 1600/PHYS 1610 can count in place of PHYS 1500/PHYS 1510 if the student chooses to take the calculus-based physics.

³ See advisor for approved CHEM Electives and Professional Electives.

⁴ If a second LITERATURE sequence is chosen, this course must be a CORE SOCIAL SCIENCE. If a second HISTORY sequence is chosen, this course must be a CORE HUMANITIES.