

BACHELOR OF ARTS IN CHEMISTRY, 2022-23

For more information about policies and requirements, please see the UMKC 2022-23 Catalog.

FIRST YEAR

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
CHEM 211 & 211L General Chemistry I	5	CHEM 212R & 212LR General Chemistry II	5
MATH 120 Precalculus or 110 Precalculus Algebra	5	MATH 210 Calculus I or STAT 235 Elementary Statistics	4
GEFSE First Semester Experience	3	BIOLOGY 250 or LIFE-SCI 201	1
ENGLISH 110 Introduction to Academic Prose	3	GECRT-SC Critical Thinking in Natural and Physical Sciences	3
TOTAL	16	TOTAL	13

SECOND YEAR

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
CHEM 321 & 321L Organic Chemistry I	4	CHEM 322R/322L Organic Chemistry II	4
Communication Requirement (COMM-ST 110, 140, 212 or 277)	3	ENGLISH 225 English II: Intermed Academic Prose	3
GECRT-AH Critical Thinking in Arts & Humanities	3	GECRT-SS Critical Thinking in Social & Behavioral Sciences	3
GECDV Culture & Diversity	3	GECUE Civic & Urban Engagement	3
Constitution Requirement (HISTORY 101, 102, POL-SCI 210, CJC 364 or HON 230)	3	General Elective	3
TOTAL	16	TOTAL	16

THIRD YEAR

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
PHYSICS 210 General Physics I	4	PHYSICS 220 General Physics II	4
General Elective 300/400 level	3	General Elective 300/400 level	3
BIOLOGY 251 (recommended elective; or LIFE-SCI 202 in Spring)	1	General Elective 300/400 level	3
General Elective	3	General Elective	3
General Elective	3	General Elective	3
TOTAL	14	TOTAL	16

FOURTH YEAR

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
CHEM 341WI Analytical Chemistry I: Quantitative Analysis	4	CHEM Major Elective 300/400 level	4
General Elective 300/400 level (BIOLOGY 397 recommended)	3	General Elective 300/400 level	3
General Elective 300/400 level	3	General Elective 300/400 level	3
General Elective	3	General Elective	3
General Elective	3		
TOTAL	16	TOTAL	13

Additional Graduation Requirements: Civics Exam and HEIghten Exit Exam

Total Credits to Graduate: 120