UMKC COLLEGE OF ARTS AND SCIENCES
AA-BA IN CHEMISTRY

MCC-ASSOCIATE OF ARTS DEGREE
American Institutions (6 credits)—(two courses: one must be HIST)
HIST 120 American History I
HIST 121 American History II
POLS 135 Introduction to Political Science
POLS 136 Introduction to American National Politics

Communications (9 credits)—choose all of the following:
ENGL 101 Composition and Reading I
ENGL 102 Composition and Reading II
SPDR 100 Fundamentals of Speech

Humanities (9 credits)—choose three courses (including one Lit or Phil), each from a different area:
Art History or ART 108
Foreign Language 101 or higher; or SIGN 101 or 102*
ENGL 214 or 216 or 254 or 255 or 220 or 221 or 222 or 223
HUMN
MUSI 108, 116, or 160
PHIL
SPDR 103,104, 110, 112, 114, 128, or 133; or MSCM 112
HIST/HUMN 133 or 134

Mathematics (3 credits)—choose one course:
MATH 119 College Mathematics
MATH 120 College Algebra

Natural Science (9-10 credits)—choose one course from each area:
Any BIOL laboratory course
CHEM, GEOG, GEOL (excluding GEOL 225) or PHYS
Must include a laboratory

Social Science (6 credits)—choose two courses, each from a different area:
Any course from ANTH, ECON, GEOG (excluding 104, 110, and GIS courses) HIST, POLS, PSYC, SOCI, SOSC

Computer (3 credits)—choose one course:
CSIS 110 or 115

Electives (14-17 credits)—choose from the following:
Suggested courses to also fulfill BA requirements at UMKC:
Foreign Language 102 and 203*
CHEM 111 General College Chemistry
CHEM 112 General College Chemistry II
Other elective courses:
CHEM 101 Survey of Chemistry
CHEM 107 Preparatory General Chemistry
CHEM 221 Organic Chemistry I
CHEM 105 Intro Chemistry for Health Sciences
CHEM 205 Intro Organic Chemistry for Health Sciences

TOTAL CREDITS REQUIRED: 62 CREDITS
The student must complete a Writing Intensive course AND either a Human Diversity course or Learning Community as part of the degree requirements.
*Foreign Language and Culture Requirement:
A student who has completed 2 years of the same foreign language while in high school is exempt from Foreign Language 110 (MCC 101). A student who has completed 4 years of the same foreign language while in high school is exempt from Foreign Language 110 (MCC 101) and Foreign language 120 (MCC 102). The foreign language courses may be taken at MCC to fulfill AA requirements or taken at UMKC to fulfill BA requirements.

General Requirements (11 credits)—choose all of the following:
Foreign Language 120 and 211* equivalent to MCC For Lg 102 and 103*
Cluster Course (300/400 level)

UMKC BACHELOR OF ARTS DEGREE – CHEMISTRY

To fulfill the Major Requirements for the BA in Chemistry, students must successfully complete 14 credit hours of required chemistry courses (CHEM 211/211L, 212R/212LR, and 341WI); 11 credit hours of supporting requisites (PHYSICS 210, 220, and MATH 110); and 12 credit hours of chemistry elective courses (any 300/400 level chemistry courses, to bring the total hours of chemistry to 26). All chemistry majors must maintain a 2.0 GPA average in all courses taken to fulfill departmental degree requirements. Further, a minimum grade of C- is required for all prerequisite courses (including physics and mathematics courses). For those students that have completed the Associate in Arts degree, the remaining general education course requirements are: three semesters of the same foreign language (if not already taken), passage of the Written English Proficiency Test, a 300/400 level Writing Intensive course (CHEM 341WI), and a 300/400 interdisciplinary “cluster course.” A Writing Intensive course from MCC will not fulfill the upper-level Writing Intensive requirement at UMKC. The BA degree in CHEMISTRY requires 120 minimum credit hours, including 36 hours at the 300/400 level.

Required Courses in CHEM (14 credits)—choose all of the following:
CHEM 211 General Chemistry I & equivalent to MCC CHEM 111
CHEM 211L Exper General Chem I
CHEM 212R General Chemistry II & equivalent to MCC Chem 112
CHEM 212LR Exper General Chem II
CHEM 341WI Analytical Chemistry I: Quantitative Analysis

Supporting requisites in CHEM (11 credits)—choose all of the following:
Physics 210 General Physics I w/Lab equivalent to MCC Phys 130
Physics 220 General Physics II w/Lab equivalent to MCC Phys 131
Math 110 College Algebra equivalent to MCC Math 120

Elective Courses in CHEM (12 credits)—choose four courses:
Any 300/400 level Chemistry courses

MINIMUM CREDITS REQUIRED: 120 CREDITS