UMKC COLLEGE OF ARTS AND SCIENCES
AA-BA IN GEOLOGY

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*
GEOG 104

Other elective courses:
GEOL 102 Historical Geology
GEOL 180 Energy and the Environment
GEOL 214 Geology Field Study in the Midwestern U.S.
GEOL 103 Environmental Geology
GEOL 199 Special Topics
GEOL 215 Geology Field Study

TOTAL CREDITS REQUIRED: 62 CREDITS

*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.

4/2011
The student must complete a Writing Intensive course AND either a Human Diversity course or Learning Community.

**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 – GEOLOGY**

To fulfill the Major Requirements for the BA in Geology, students must successfully complete the required courses (ENVS 110R/110L or GEOL 220/220L, GEOL 250, GEOL 312, GEOL 313, GEOL 350, GEOL 490, and GEOL 497 or GEOL 499WI); four elective geology or geography courses (chosen from GEOL 314, GEOL 325, GEOL 342, GEOL 370R, GEOL 401, GEOL 412, GEOL 442R, GEOL 442, GEOL 444, GEOL 460, GEOL 471, and GEOL 472); and the supporting requisites for the BA (BIOL 108, Math 235, CHEM 211/211L, and PHYSICS 210 or 240). A minimum of 26 credit hours of courses in the major at the 300 level or above is required for all programs in the Department of Geosciences leading to the BA degree. All geology majors must maintain a 2.0 GPA average in all courses taken to fulfill departmental degree requirements. This minimum GPA also applies to all credit hours transferred from other institutions. 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 (GEOL 499WI), 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 GEOG requires 120 minimum credit hours, including 36 hours at the 300/400 level.

**Required Courses in GEOG (19 credits)—choose all of the following:**

- ENVS 110R/110L Understanding The Earth equivalent to MCC GEOG 104
- or
- GEOL 220/220L General Geology equivalent to MCC GEOG 101
- GEOL 250 Field Methods In Earth And Environmental Science
- GEOL 312 Mineralogy
- GEOL 313 Evolution And The Geologic Record
- GEOL 350 Earth Structures And Tectonics
- GEOL 490 Geology Field Camp
- GEOL 499WI Geology Seminar

**Elective Geology or Geography courses—choose four courses:**

- GEOL 314 Principles Of Geomorphology
- GEOL 325 Sedimentology/Stratigraphy
- GEOL 342 Igneous And Metamorphic Petrology
- GEOL 370R Hydrogeology
- GEOL 412 Geology And Hazardous Waste Management
- GEOL 442R Optical Crystallography
- GEOL 460 Introduction To Geochemistry
- GEOL 471 Tectonics
- GEOL 472 Earthquake Geology

**Supporting Requisite Course:**

- BIOL 108 General Biology I equivalent to MCC BIO 104
- MATH 235 Statistics equivalent to MCC MATH 115
- CHEM 211/211L General Chemistry I & equivalent to MCC CHEM 111
- PHYSICS 210 General Physics I w/Lab equivalent to MCC Phys 130
- or
- PHYSICS 240 240 Physics For Science And Engineering I equivalent to MCC PHYS 220
MINIMUM CREDITS REQUIRED: 120 CREDITS