

UNIVERSITY OF MISSOURI - ST. LOUIS
AND
ST. CHARLES COMMUNITY COLLEGE

ASSOCIATE OF ARTS LEADING TO BACHELOR OF ARTS IN

CHEMISTRY

FIRST SEMESTER

SCC

#MAT 180 Calc I (5)
CHM 110 **and** 113 Gen. Chm I (5)
ENG 101 Comp I (3)
COL 101 Orientation to Coll (1)
Humanities (Group I) (3)

Hours: (17)

UMSL Equiv.

Math 1800
Chm 1111 A&B
Eng 1100

SECOND SEMESTER

SCC

ENG 102 Comp II (3)
Social Science (Group II) (3)
CHM 111 **and** 114 Gen Chm II (5)
MAT 230 Calc II (5)
SPE 101 Oral Com (3)

Hours: (19)

UMSL Equiv.

Chm 1121 A&B
Math 1900
Com 1040

THIRD SEMESTER

SCC

MATH 240 Calc III (5)
CPT 115 Intro to D.P. (3)
State Req./Social Science (3)
Humanities (Group II) (3)
CHM 240 Organic Chm I (3)

Hours: (17)

UMSL Equiv.

Math 2000
BA 1800

Chm 2612

FOURTH SEMESTER

SCC

Social Science (Group I or II) (3)
Humanities (Group I or II) (3)
**Multicultural/Value (3)
COL 299 Capstone (1)
Biological Science (Group I) (3-4)
CHM 241 Organic Chem II (3)

Hours: (16-17)

UMSL Equiv.

Chm 2622

FIFTH SEMESTER

UMSL

Engl 3100 Advanced Expository Writing (3)
Language 1001 (5)
Physics 2111 Physics: Mechanics & Heat (5)
Chem 2223 Quantitative Analysis (3)
Chem 2633 Techniques in Organic Chem (2)

Hours: (18)

SIXTH SEMESTER

UMSL

Language 1002 (5)
Phys. 2112 Phys: Electricity, Magnetism & Optics (5)
Chem 3312 Physical Chemistry I (3)
Chem 3333 Physical Chemistry Lab I (2)

Hours: (15)

SEVENTH SEMESTER

UMSL

Chem 3322 Physical Chemistry II (3)
Chem 3412 Basic Inorganic Chem (3)
Language 2101 (3)
Chem 3022 Intro to Chem Lab (1)
Upper Level Elective(3)

Hours: (13)

EIGHTH SEMESTER

UMSL

Chem Additional Chemistry Lab (2)
Chem 4897 Seminar (1)
*Upper Level Elective (3)
*Upper Level Elective (3)
*Upper Level Elective (3)

Hours: (12)

NOTE: See back page for additional information.

DEGREE NOTES:

*To be selected upon advice of Faculty Advisor

*Courses that fulfill UMSL's Cultural Diversity Requirement: ANT 102, GEO 101, HST 201, GLC 170 or 180, PHL 201.

#Students begin their Math Sequence based on results of SCC Math Placement Test

120 hours required for the BA in Chemistry

Students completing an Associate in Arts or an Associate in Applied Science degree from a Missouri community college that includes a CBHE approved general education core will be allowed transfer credit of more than 64 hours only if the additional lower division credits are applicable to the baccalaureate degree or are prerequisites for upper division courses in the major.

Maximum of 60 hours may transfer without AA

Please seek advisement from your SCC Academic Advisor for assurance of AA completion

CONTACT INFORMATION:

Note: It is important to contact the UM-St. Louis Transfer Coordinator each semester

SCC-Elizabeth Higgins, UM-St. Louis Transfer Coordinator, in room 2123 Administration Bldg., 636-922-8241

For additional information, contact Keith Stine in the UM-St. Louis Chemistry Department, 315 Benton Hall, 314-516-5311 or kstine@umsl.edu