

UNIVERSITY OF MISSOURI-ST. LOUIS
AND
SOUTHWESTERN ILLINOIS COLLEGE

ASSOCIATE IN SCIENCE LEADING TO BACHELOR OF ARTS IN
CHEMISTRY

FIRST SEMESTER

SWIC

ENG 101 Rhetoric & Comp I (3) *Approved Elective*
CHEM 105 General Chem I (5) *Chem 1111*
*MATH 203 An. Geo & Calc I (5) *Math 1800*
BIOL 101 Principles of Bio I (4) *Biol 1811*

Hours: (17)

UMSL Equiv.

SECOND SEMESTER

SWIC

ENG 102 Rhetoric & Comp II (3) *Eng 1100*
CHEM 106 General Chem II (5) *Chem 1121*
MATH 204 An. Geo & Calc II (5) *Math 1900*
Humanities (general) (3) *Gen Ed*

Hours: (16)

UMSL Equiv.

THIRD SEMESTER

SWIC

CHEM 201 Organic Chem I (5) *Chem 2612/2633*
HLTH 151 Health (2)
Soc Science/Non-west Culture (3) *Gen Ed/CD*
Math 205 An. Geo & Calc III (4) *Math 2000*
Humanities (3) *Gen Ed*

Hours: (17)

UMSL Equiv.

FOURTH SEMESTER

SWIC

SPCH 151 Fund of Pub Speak (3) *Com 1040*
Humanities (fine arts) (3) *Gen Ed*
CHEM 202 Organic Chem II (5) *Chem 2622*
POLS 150 Intro to Americ Gov (3) *Pol Sci 1100*
Social Science (3) *Gen Ed*

Hours: (17)

UMSL Equiv.

FIFTH SEMESTER

UMSL

ENG 3100 Advanced Expository Writing (3)
Language 1001 (5)
PHYS 2111 Physics: Mechanics & Heat (5)
CHEM 2223 Quantitative Analysis (3)

Hours: (16)

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 Chemistry (3)
Language 2101 (3)
CHEM 3022 Introduction to Chemical Literature (1)
Upper Level Elective (3)

Hours: (13)

EIGHTH SEMESTER

UMSL

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 of page for additional information.

DEGREE NOTES:

*Students begin their Math Sequence based on results of SWIC Math Placement Test

Minimum of 120 hours required for the BA in Chemistry

Students completing an AA/AS degree from SWIC that includes the IAI 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/AS degrees

Please seek advisement from your SWIC Counselor for assurance of completion of the Associate Degree

Students living in the Illinois counties of Madison, Monroe, St. Clair, and Jersey are eligible for the in-state tuition rate.

CONTACT INFORMATION:

NOTE: IT IS IMPORTANT TO CONTACT THE UM-ST. LOUIS TRANSFER COORDINATOR EACH SEMESTER

Maya Scruggs, UM-St. Louis Transfer Coordinator, 225 MSC, 314-516-5873 or mms966@umsl.edu

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