

**ASSOCIATE OF ARTS
TO A
BACHELOR OF SCIENCE IN CHEMISTRY**



**UNIVERSITY OF MISSOURI – ST. LOUIS &
ST. LOUIS COMMUNITY COLLEGE
TRANSFER GUIDE**



This Guide is intended for the use of students who plan on transferring from St. Louis Community College (STLCC) with a completed Associate of Arts to the University of Missouri – St. Louis (UMSL) to pursue a Bachelor of Science in Chemistry.

For more information on UMSL's Bachelor of Arts in Chemistry, please visit our online [Course Catalog](#).

The following are the requirements of the STLCC Associate of Arts degree program as they are recommended for students intending to continue on into UMSL's Bachelor of Science in Chemistry. Completing these requirements as they are recommended here will maximize the transferability of a student's coursework toward their UMSL Bachelors degree. Further details of this Associates degree program, as well as comprehensive lists of courses that satisfy each General Education component, may be found within the STLCC course catalog or may be obtained through a STLCC advisor.

This guide is intended for use under advisement of a STLCC Academic Advisor or UMSL Transfer Specialist and is not considered to be substitution of such advisement.

GENERAL EDUCATION-CORE 42

Communications-Written & Oral

9 hours required

- ENG 101 College Composition I (MOTR ENGL 100)(3)
- ENG 102 College Composition II (MOTR ENGL 200) (3)
- Complete 1 of the following courses:
 - COM 101 Oral Communication I (MOTR COMM 100) (3)
 - COM 107 Public Speaking (MOTR COMM 110) (3)

Mathematical Sciences

3 hours required

- MTH 185 Precalculus (MOTR MATH 185) (5)

Social and Behavioral Sciences

9 hours required

- Complete 1 of the following courses (Civics requirement)
 - HST 101 US History-1865 (MOTR HIST 101) (3)
 - HST 102 US History 1865-present (MOTR HIST 102) (3)
 - PSC 101 Intro to American Politics (MOTR POSC 101) (3)
- Complete 2 additional courses in the Social and Behavioral Sciences from MOTR list
 - Social and Behavioral Science Course: _____
 - Social and Behavioral Science Course: _____

Humanities and Fine Arts

9 hours required

- PHL 103 World Religions (MOTR RELG 100) (3) of ENG 231 World Literature (MOTR LITR 200) (3) ** either course fulfills UMSL's Cultural Diversity requirement
- Complete 2 additional courses in the Humanities and Fine Arts from MOTR list

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Natural Sciences **7 hours minimum required, must include 1 lab class**

- CHM 105 General Chemistry I (MOTR CHEM 150 L) (5)
- Complete additional Natural Science from MOTR list

CORE 42 ELECTIVE(S) (MOTR COURSES TO REACH 42 CREDIT HOURS)

- MTH 210 Analytic Geometry and Calculus I (5)

REQUIRED ELECTIVES for AA-General Transfer Studies (60 hours minimum)

A student must complete enough Elective Coursework to reach 60 hours total

- CHM 106 General Chemistry II (5)
- CHM 206 Organic Chemistry Lecture I (3)
- CHM 207 Organic Chemistry Lecture II (3)
- CHM 210 Organic Chemistry Lab I (2)
- MTH 220 Analytic Geometry and Calculus II (5)

Students that plan to transfer to UMSL to pursue a Bachelor of Arts in Chemistry but do not wish to complete an Associates degree at STLCC should focus on completing the **Highlighted Courses** above in conjunction with those outlined in the [STLCC General Education Transfer Guide](#).

For any questions regarding this guide please contact the UMSL Office of Transfer Services at (314) 516-5162.