

**ASSOCIATE OF ARTS
TO A
BACHELOR OF ARTS IN MATHEMATICS**



**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 in Arts to the University of Missouri – St. Louis (UMSL) to pursue a Bachelor of Arts in Mathematics.

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

The following are the requirements of the STLCC Associate in Arts degree program as they are recommended for students intending to continue on into UMSL's Bachelor of Arts in Mathematics. Completing these requirements as they are recommended here will maximize the transferability of a student's coursework toward their UMSL Bachelor's 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 Pre-calculus (MOTR MATH 150) (5)

Social and Behavioral Sciences

9 hours required

- Complete 1 of the following courses (Civics requirement)
 - HST 101 US History to 1865 (MOTR HIST 101) (3)
 - HST 102 US History 1865-Present (MOTR HIST 102) (3)
- ECO 151 Principles of Macroeconomics (MOTR ECON 101) (3)
- ECO 152 Principles of Microeconomics (MOTR ECON 102) (3)

Humanities and Fine Arts

9 hours required

- Complete Level I in a Foreign Language Sequence* from MOTR list (4)
- Complete Level II in a Foreign Language Sequence from MOTR list (4)
- Complete 1 of the following courses to meet UMSL's Cultural Diversity requirement:
 - PHL 103 World Religions (MOTR REL 100) (3) or ENG 231 World Literature (MOTR LITR 200) (3)

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

- CHM 105 General Chemistry I (MOTR CHEM 150L) (5)
- Complete 1 additional course in the Natural Sciences from MOTR list (3)

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

Select 1 course from MOTR list to reach minimum hours required for CORE 42

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

A student must complete enough elective coursework to reach 60 Total Hours:

- Complete Level III in a Foreign Language Sequence* or an Elective Course (3-4)
- MTH 210 Analytic Geometry & Calculus I (5)
- MTH 220 Analytic Geometry & Calculus II (5) *Students must complete with a C or higher*
- Complete 1 of the following courses:
 - MTH 215 Linear Algebra (3)
 - MTH 230 Analytic Geometry & Calculus III (5) *Students must complete with a C or higher*

* Students pursuing a Bachelor of Arts in Mathematics at UMSL must complete three levels of coursework in a Foreign Language. At STLCC, a student can complete all three of these levels in French, German, and Spanish though the completion of one of the following sequences of courses: FRE 101, FRE 102, and FRE 201; GER 101, GER 102, and GER 201; or SPA 101, SPA 102, and SPA 201. Alternatively, a student can complete the first two levels of a Japanese sequence at STLCC with JPN 101 and JPN 102, but would need to complete the third level at UMSL after transferring. Lastly, a student can complete the first two levels of an Italian sequence at STLCC with ITL 103 and ITL 104. However, UMSL does not offer coursework in Italian and so the student would then need to complete the third level of Italian with another institution.

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