ST. LOUIS COMMUNITY COLLEGE ASSOCIATE OF ARTS TO THE UNIVERSITY OF MISSOURI – ST. LOUIS BACHELOR OF SCIENCE IN COMPUTER SCIENCE 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 Computer Science. For more information on this degree program, 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 to UMSL. 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 an STLCC academic advisor.

This guide is intended for use under advisement of an STLCC Academic Advisor or UMSL Admissions Counselor 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 one of the following courses:
  COM 101 Oral Communication I (MOTR COMM 100) (3)
  COM 103 Small Group Communication (MOTR COMM 125) (3)
  COM 107 Public Speaking (MOTR COMM 110) (3)
  COM 201 Interpersonal Communication (MOTR COMM 120) (3)

MATHEMATICAL SCIENCES 3 - 5 HOURS REQUIRED
☐ Complete 1 of the following courses:
  MTH 160 Precalculus Algebra (MOTR MATH 130) (3)
  MTH 185 Precalculus (MOTR MATH 150) (5) – or other, higher-level mathematics course

SOCIAL & BEHAVIORAL SCIENCES 9 HOURS REQUIRED
☐ MUST BE FROM 2 DIFFERENT AREAS OF STUDY
☐ Complete 1 of the following courses (Civics)
  HST 101 US History to 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 1 additional course in Social and Behavioral sciences from MOTR list:____________________ (3)
☐ Complete 1 additional course in Social and Behavioral sciences from MOTR list:____________________ (3)

HUMANITIES & FINE ARTS 9 HOURS REQUIRED
☐ MUST BE FROM 2 DIFFERENT AREAS OF STUDY
*There is a limit of three (3) credit hours of Performance courses that can be applied to the Core 42 total
☐ Complete 1 additional course in Humanities and Fine Arts from MOTR list:____________________ (3)
☐ Complete 1 additional course in Humanities and Fine Arts from MOTR list:____________________ (3)
☐ Complete 1 of the following courses: *both courses satisfy UMSL’s cultural diversity requirement
  ENG 231 World Literature (MOTR LITR 200) (3) or PHL 103 World Religions (MOTR RELG 100) (3)

NATURAL SCIENCES 7 HOURS MINIMUM REQUIRED, MUST INCLUDE 1 LAB COURSE
*Must be from 2 different areas of study
☐ Complete 1 laboratory course in Natural Sciences from MOTR list (4-5)
☐ Complete 1 additional course in Natural Science from MOTR list (3)

CORE 42 ELECTIVE(S) (MOTR COURSES TO REACH 42 CREDIT HOURS)
☐ MTH 170 Precalculus Trigonometry (MOTR) (3) *if a higher-level mathematics course was elected, complete additional MOTR courses to reach 42 hours.

The information in this guide is in accordance with the published 2022-2023 Course Catalogs of both UMSL and STLCC
General Electives for AA-General Transfer Studies (60 Hours Minimum)

- IS 167 C++ Programming I (4)
- IS 267 C++ Programming II (4)
- MTH 210 Analytic Geometry and Calculus I (5)
- MTH 220 Analytic Geometry and Calculus II (5)
- MTH 212 Discrete Mathematics (3)
- MTH 215 Linear Algebra (3)

Foreign Language

*Students seeking a Bachelor of Science are not required to complete a foreign language*

Students pursuing a Bachelor of Arts degree at UMSL must complete the third-level course of a foreign language. Without placement, proficiency examination, or other exemption of coursework, this requires the completion of two prerequisite foreign language courses as well. An STLCC student that completes the following foreign language sequence will have their UMSL Foreign Language requirement considered satisfied upon transferring. The following languages are not offered at UMSL; therefore, if you seek to complete the sequence in one of the following, you will need to work with your academic advisor to complete the sequence: Arabic, Chinese and Italian. *Japanese is offered at UMSL; therefore, if you elect to take the first two in the sequence you can complete the third sequence at UMSL.

French Sequence

- FRE 101 Elementary French I (MOTR LANG 101) (4)
- FRE 102 Elementary French II (MOTR LANG 102) (4)
- FRE 201 Intermediate French I (4)

Spanish Sequence

- SPA 101 Elementary Spanish I (MOTR LANG 103) (4)
- SPA 102 Elementary Spanish II (MOTR LANG 104) (4)
- SPA 201 Intermediate Spanish I (4)

German Sequence

- GER 101 Elementary German I (MOTR LANG 105) (4)
- GER 102 Elementary German II (MOTR LANG 104) (4)
- GER 201 Intermediate German I (4)

For any questions regarding this guide please contact the UMSL Office of Admissions at 314-516-5451 or by email at admissions@umsl.edu