**ST. CHARLES 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. Charles Community College (SCC) 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 SCC Associate of Arts degree program as they are recommended for students intending to continue on into 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 SCC course catalog or may be obtained through an SCC academic advisor.

This guide is intended for use under advisement of an SCC Academic Advisor or UMSL Admissions Counselor and is not considered to be substitution of such advisement.

### GENERAL EDUCATION – CORE 42

#### COMMUNICATIONS – WRITTEN & ORAL

- **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 (MOTR COMM 100) (3)**
  - **COM 104 Small Group Communication (MOTR COMM 125) (3)**
  - **COM 106 Public Speaking (MOTR COMM 110) (3)**
  - **COM 110 Interpersonal Communication (MOTR COMM 120) (3)**
  - **COM 200 Argumentation and Debate (MOTR COMM 220) (3)**

**9 HOURS REQUIRED**

#### MATHEMATICAL SCIENCES

- **MAT 171 Pre-Calculus Mathematics (MOTR MATH 150) (6)**
- or other, higher-level mathematics course

**3 HOURS REQUIRED**

#### SOCIAL & BEHAVIORAL SCIENCES

**MUST BE FROM 2 DIFFERENT AREAS OF STUDY**

- Complete 1 of the following courses (Civics)
  - **HIS 101 U.S. History to 1877 (MOTR HIST 101) (3)**
  - **HIS 102 U.S. History since 1877 (MOTR HIST 102) (3)**
  - **POL 101 American Government (MOTR POSC) (3)**

- Complete 1 additional course in Social and Behavioral sciences from MOTR list:____________________ (3)

**9 HOURS REQUIRED**

#### HUMANITIES & FINE ARTS

**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 Social and Behavioral sciences from MOTR list:____________________ (3)
  - **PHL 201 World Religion (MOTR RELG 100) (3)** *will satisfy UMSL’s cultural diversity requirement*

**9 HOURS REQUIRED**

#### NATURAL SCIENCES

**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)

**7 HOURS MINIMUM REQUIRED, MUST INCLUDE 1 LAB COURSE**

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

- **MOTR Elective:** Complete additional MOTR electives to reach 42 hours

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The Information in this Transfer Guide is in accordance with the published 2022-2023 Course Catalogs of both UMSL and SCC.
GENERAL ELECTIVES FOR AA-GENERAL TRANSFER STUDIES   (60 HOURS MINIMUM)
☐ CPT 182  Beginning Programming in C++ (3)  *may require prerequisite. Check with SCC advisor.
☐ MAT 180  Calculus and Analytic Geometry I (5)
☐ CPT 281 Introduction to Data Structures With C++ (3)
☐ MAT 230 Calculus and Analytic Geometry II (5)
☐ MAT 242 Introductory 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 SCC student that completes the following foreign language sequence will have their UMSL Foreign Language requirement considered satisfied upon transferring.

SPN 101 Spanish Language and Culture I (MOTR LANG 103) (4)
SPN 102 Spanish Language and Culture II (MOTR LANG 104) (4)
SPN 201 Spanish Language and Culture III (4)
FRN 101 French Language and Culture I (4)
FRN 102 French Language and Culture II (4)
FRN 201 French Language and Culture III (4)
GRM 101 German Language and Culture I (4)
GRM 102 German Language and Culture II (4)
GRM 201 German Language and Culture III (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