ASSOCIATE OF ARTS
TO A
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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

This Guide is intended for the use of students who plan on transferring from St. Charles Community College (SCCC) 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 UMSL’s Bachelor of Science in Computer Science, 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’s Bachelor of Science in Computer Science. 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 SCC course catalog or may be obtained through a SCC advisor.

This guide is intended for use under advisement of a SCC 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 English Composition I (MOTR ENGL 100) (3)
☐ ENG 102 English Composition II (MOTR ENGL 200) (3)
☐ Complete one of the following courses:
  COM 101 Oral Communication (MOTR COMM 100) (3)
  COM 110 Interpersonal Communication (MOTR COMM 120) (3)

Mathematical Sciences 3 hours required
☐ MAT 171 Pre-Calculus Mathematics (MOTR MATH 150) (6)

Social and Behavioral Sciences 9 hours required
☐ Complete 1 of the following courses (Civics Requirement)
  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 101) (3)
 ☐ ☐ Complete 2 additional courses in the Social and Behavioral Sciences from MOTR list

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Humanities and Fine Arts 9 hours required
☐ LIT 200 World Mythology (MOTR LITR 201) (3) *course can be used to fulfill UMSL's cultural diversity requirement.
☐ Complete 2 additional courses from Humanities and Fine Arts from MOTR list

Life and Physical Sciences 7 hours minimum required, must include 1 lab
☐ Complete 1 Laboratory course in the Life and Physical Sciences from MOTR list (4-5)
☐ Complete 1 additional course in the Life and Physical Sciences from MOTR list (3)

CORE 42 ELECTIVE(S) (MOTR COURSES TO REACH 42 CREDIT HOURS)
☐ MAT 180 Calculus and Analytic Geometry I (5)

REQUIRED ELECTIVES for AA-General Transfer Studies (60 hours minimum)
☐ MAT 230 Calculus and Analytic Geometry II (5)
☐ MAT 242 Introductory Linear Algebra (3)
☐ CPT 182 Beginning Programming in C++ (3)
☐ CPT 281 Introduction to Data Structures With C++ (3)
☐ Elective:

For questions about this Transfer Guide, please contact the Office of Admissions at 314-516-5451

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