

**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 (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 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

Communications 9 Hours

- ENG 101 English Composition I (3)
- ENG 102 English Composition II (3)
- SPE 101 Oral Communication (3)

Social Sciences 9 Hours

- Complete 1 course from the Social Sciences Group I: _____
- Complete 1 course from the Social Sciences Group II: _____
- Complete 1 additional Social Sciences course from Group I, Group II, or any *HIS* or *POL*: _____

Humanities 9 Hours

- Complete 1 course from the Humanities Group I: _____
- Complete 1 course from the Humanities Group II: _____
- Complete 1 additional Humanities course from Group I or Group II: _____

Multicultural/Valuing 3 Hours

- Complete 1 of the following Multicultural/Valuing courses to fulfill the UMSL Cultural Diversity requirement:
 - ANT 102 Introduction to Cultural Anthropology (3)
 - ANT 103 Introduction to Archaeology (3)
 - ANT 151 World Archaeology (3)
 - ANT 161 Archaeology of Religion (3)
 - ANT 171 Introduction to Egyptology (3)
 - ANT 220 Middle East: People and Cultures (3)
 - ANT 224 People and Cultures of Africa (3)
 - GLC 133 Central America and the Caribbean (1-3)
 - GLC 135 Cultures of the Amazon and Andes (1-3)
 - GLC 170 African Culture (1-3)
 - GLC 180 Australian Culture (1-3)
 - GLC 290 Special Topics in Global Culture (3)
 - GLS 101 Introduction to Global Studies (3)
 - HIS 160 Native American History (3)
 - HIS 202 Southwest Asia: Islamic World & India (3)
 - HIS 203 Eastern Asia: China & the Pacific Rim (3)
 - LIT 271 Literature and Contemporary Cultures (3)
 - PHL 201 World Religion (3)
 - POL 220 Middle Eastern Politics (3)

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Mathematics 6 Hours

- MAT 171 Pre-Calculus Mathematics (6)

Natural Sciences 7 Hours

At least 1 of these Natural Science courses must be taken with a corresponding Laboratory course:

- Complete 1 course from the Natural Sciences Group I: _____
 Complete 1 course from the Natural Sciences Group II: _____

Capstone 1 Hour

- COL 299 Sophomore Portfolio Assessment (1)

ELECTIVE COURSEWORK 20 HOURS

A student must complete enough Elective Coursework to reach 64 Total Hours:

- CPT 103 Microcomputer Applications (3)
 MAT 180 Calculus and Analytic Geometry I (5)
 MAT 230 Calculus and Analytic Geometry II (5)
 MAT 242 Introductory Linear Algebra (3)
 UMSL Computer Science Course*
 Elective Course: _____

* The UMSL Bachelor of Science in Computer Science requires a 5 semester sequence of Computer Science area courses. As an equivalent course is not offered at SCC, it is, therefore, recommended that a student begin attending UMSL through dual enrollment while working on their Associates to complete the first Computer Science course in this sequence in order to stay on schedule to graduate with their Bachelors.

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

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