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 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 STLCC Associate in 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 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.

I. GENERAL EDUCATION

Foundation Courses 13 Hours
☐ ENG 101 College Composition I (3)
☐ ENG 102 College Composition II (3)
☐ Complete 1 of the following courses:
  COM 101 Oral Communication I (3)
  COM 107 Public Speaking (3)
☐ MTH 185 Precalculus (5)

Social and Behavioral Sciences 9 Hours
☐ Complete 1 course to satisfy the Missouri Constitution requirement: _____________________________
☐ Complete 2 additional courses in the Social and Behavioral Sciences:
  Social and Behavioral Science Course: _____________________________
  Social and Behavioral Science Course: _____________________________

Humanities and Fine Arts 9 Hours
☐ Complete 1 of the following courses to satisfy both STLCC’s Global/Intercultural requirement and UMSL's Cultural Diversity requirement:
  ENG 231 World Literature (3)
  PHL 103 World Religions (3)
☐ Complete 2 additional courses in the Humanities and Fine Arts:
  Humanities and Fine Arts Course: _____________________________
  Humanities and Fine Arts Course: _____________________________

The information in this Transfer Guide is in accordance with the published 2015-2016 Course Catalogs of both UMSL and STLCC.
ASSOCIATE IN ARTS
TO A
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Life and Physical Sciences    7 Hours
☐ Complete 1 Laboratory Course in the Life and Physical Sciences: ___________________________
☐ Complete 1 additional course in the Life and Physical Sciences: ___________________________

Interdisciplinary Studies     3 Hours
☐ Complete 1 course in Interdisciplinary Studies: _____________

Capstone                    1 Hour
☐ GEN 200 Capstone (1)

II. PHYSICAL EDUCATION ACTIVITY     2 Hours
☐ Complete 2 courses in Physical Education:
    Physical Education Course: __________________________
    Physical Education Course: __________________________

III. ELECTIVES               20 Hours
A student must complete enough Elective Coursework to reach 64 Total Hours:
☐ * IS 227 C Programming (3)
☐ * IS 256 C++ Programming (3)
☐ MTH 210 Analytic Geometry and Calculus I (5)
☐ MTH 215 Linear Algebra (3)
☐ MTH 220 Analytic Geometry and Calculus II (5)
☐ Elective Course: __________________________

* STLCC Students who complete both IS 227 and IS 256 will be awarded 3 credit hours in transfer and satisfactory completion of UMSL’s CMP SCI 1250. Students must complete both courses with grades of C- or better to receive this equivalency. Taken alone, these courses are not otherwise recommended for prospective Computer Science majors.

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 STLCC should focus on completing the Highlighted Courses above in conjunction with those outlined in the STLCC General Education Transfer Guide.

A student may also pursue an Associate in Science at STLCC to lead them to UMSL Bachelor of Science in Computer Science. However, this AS option is not the more recommended path as it does not contain a full General Education program and includes coursework that will not apply to the UMSL Bachelors degree. The student should instead pursue the AA degree as described above.

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

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