The information in this Transfer Guide is in accordance with the published 2015-2016 Course Catalogs of both UMSL and SWIC.

This Guide is intended for the use of students who plan on transferring from Southwestern Illinois College (SWIC) with a completed Associate in Science 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.

This guide is intended for use under advisement of a SWIC Academic Advisor or UMSL Transfer Specialist and is not considered to be substitution of such advisement.

Communications 9 Hours
☐ ENG 101 Rhetoric & Composition I (3)
☐ ENG 102 Rhetoric & Composition II (3)
☐ SPCH 151 Fundamentals of Public Speaking (3)

General Humanities 3 Hours
☐ Complete 1 course in General Humanities: ______________________

Humanities - Fine Arts 3 Hours
☐ Complete 1 course in Humanities - Fine Arts: ______________________

Additional General Humanities/Fine Arts 3 Hours
☐ Complete 1 of the following Humanities/Fine Arts courses to satisfy both SWIC's Non-Western Culture requirement and UMSL's Cultural Diversity requirement:
  LIT 205 Lit of Dev/Non-Western Countries (3)
  MUS 110 World Music (3)
  PHIL 155 Non-Western Philosophy (3)

Social Science 3 Hours
☐ Complete 1 course in Social Science: ______________________

Behavioral Science 3 Hours
☐ Complete 1 course in Behavioral Science: ______________________

Additional Social Science/Behavioral Science 3 Hours
☐ Complete 1 course to satisfy SWIC's Human Relations requirement: ______________________

Mathematics 5 Hours
☐ MATH 203 Analytic Geometry & Calculus I (5)

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ASSOCIATE IN SCIENCE
TO A
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Life Science 4 Hours
- Complete 1 course in Life Science: __________________________

Physical Science 4 Hours
- Complete 1 course in Physical Science: _________________________

Additional Math or Science 4 Hours
- MATH 170 Computer Science I – C++ (4)

Human Well-Being 2 Hours
- HRO 150 Fundamentals of Nutrition (2)

Electives 19 Hours
A student must complete enough Elective Coursework to reach 64 Total Hours:
- MATH 112 College Algebra (4)
- MATH 114 Trigonometry (3)
- MATH 204 Analytic Geometry & Calculus II (5)
- MATH 270 Computer Science II – C++ (4)
- MATH 292 Linear Algebra (3)

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

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