ASSOCIATE IN SCIENCE
TO A
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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

This Guide is intended for the use of students who plan on transferring from John Wood Community College (JWCC) 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.

The following are the requirements of the JWCC Associate in Science 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 Bachelor’s degree. Further details of this Associate degree program, as well as comprehensive lists of courses that satisfy each General Education component, may be found within the JWCC course catalog or may be obtained through a JWCC advisor.

This guide is intended for use under advisement of a JWCC 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)
☐ Complete 1 of the following Oral Communications courses:
  CMN 101 Introduction to Speech I (3)
  CMN 104 Interpersonal Communication (3)

Humanities and Fine Arts 12 Hours
☐ PHL 201 Major World Religions (3) - Satisfies both the JWCC International Awareness requirement and the UMSL Cultural Diversity requirement
☐ Complete 1 course in Fine Arts: ______________________
☐ Complete 1 additional course in Humanities or Fine Arts: ______________________

Social and Behavioral Sciences 12 Hours
☐ Complete 1 course in Psychology/Sociology: ______________________
☐ Complete 1 course in History: ______________________
☐ Complete 1 course in Economics/Political Science: ______________________
☐ Complete 1 additional course in Psychology/Sociology, History, or Economics/Political Science: ______________________

Mathematics 7 Hours
☐ MAT 113 College Algebra (3)
☐ MAT 220 Analytic Geometry & Calculus I (4)

Natural Science 8 Hours
☐ Complete 1 course in Life Science: ______________________
☐ Complete 1 course in Physical Science: ______________________

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First Year Experience  1 Hour
☐ FYE 101 Blazing Your Trail (1)

Electives  18 Hours
A student must complete enough Elective Coursework to reach 64 Total Hours:
☐ MAT 114 Trigonometry (3)
☐ MAT 221 Analytic Geometry & Calculus II (4)
☐ MAT 263 Linear Algebra (3)
☐ Elective Course: ______________________
☐ Elective Course: ______________________
☐ Elective Course: ______________________

Students that plan to transfer to UMSL to pursue a Bachelor of Science in Computer Science but do not wish to complete an Associate degree at JWCC should focus on completing the Highlighted Courses above in conjunction with those outlined in the JWCC General Education Transfer Guide.

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

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