## ASSOCIATE IN ARTS
### TO A
### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

### UNIVERSITY OF MISSOURI – ST. LOUIS &
### LEWIS & CLARK COMMUNITY COLLEGE
### TRANSFER GUIDE

This Guide is intended for the use of students who plan on transferring from Lewis & Clark Community College (L&C) 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 L&C 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 L&C course catalog or may be obtained through an L&C advisor.

This guide is intended for use under advisement of an L&C Academic Advisor or UMSL Transfer Specialist and is not considered to be substitution of such advisement.

### Communications 9 Hours
- **ENGL 131 First-Year English I (3)**
- **ENGL 132 First-Year English II (3)**
- Complete 1 of the following courses:
  - **SPCH 131 Public Speaking (3)**
  - **SPCH 145 Public and Private Communication (3)**

### Mathematics 5 Hours
- **MATH 171 Calculus & Analytics Geometry I (5)**

### Physical & Life Science 7 Hours
Complete 2 courses in the Physical & Life Sciences with at least 1 being a Lab Science course:
- Complete 1 course in Life Science: ____________________________
- Complete 1 course in Physical Science: ____________________________

### Humanities & Fine Arts 9 Hours
Complete 3 courses in the Humanities & Fine Arts with at least 1 being a Western Culture course:
- Complete 1 course in Humanities: ____________________________
- Complete 1 course in Fine Arts: ____________________________
- Complete 1 additional course in Humanities or Fine Arts: ____________________________

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Social & Behavioral Sciences         9 Hours
A student must select courses from at least two different disciplines:
☒ Complete 1 course in Social & Behavioral Sciences: ______________________
☒ Complete 1 course in Social & Behavioral Sciences: ______________________
☒ Complete 1 course in Social & Behavioral Sciences: ______________________

Major Field & Elective Courses       18 Hours
A student must complete enough Elective Coursework to reach 60 Total Hours:
☒ CIS 235 C++ Programming (3)
☒ MATH 134 Pre-Calculus (5)
☒ MATH 172 Calculus & Analytics Geometry II (5)
☒ MATH 274 Linear Algebra (3)
☒ Elective Course: ______________________

Additional Associates in Arts Requirement 3 Hours
☒ Complete 1 of the following Additional Associates in Arts Courses:
   Any ART Courses
   Any DANC Courses
   Any DRAM Courses
   Any HUMN Courses
   Any LITT Courses
   Any MUSI Courses
   Any PHIL Courses
   FREN 131 Elementary French I (4)
   GERM 131 Elementary German I (4)
   SPAN 131 Elementary Spanish I (4)

Students that plan to transfer to UMSL to pursue a Bachelor of Science in Com but do not wish to complete an Associates degree at L&C should focus on completing the Highlighted Courses above in conjunction with those outlined in the L&C 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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