This Guide is intended for the use of students who plan on transferring from Jefferson College (JC) 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 JC 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 Bachelor’s 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 JC course catalog or may be obtained through a JC advisor.

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

GENERAL EDUCATION – CORE 42

Communications – Written & Oral 9 hours required
☐ ENG 101 English Composition I (MOTR ENGL 100) (3)
☐ ENG 102 English Composition II (MOTR ENGL 200) (3)
☐ Complete one of the following courses:
  COM 100 Fundamentals of Communication (MOTR COMM 100) (3)
  COM 110 Public Speaking (MOTR COMM 110) (3)

Mathematical Sciences 3 hours required
☐ MTH 141 Precalculus (MOTR MATH 150) (5)

Social and Behavioral Sciences 9 hours required
☐ Complete 1 of the following courses (Civics Requirement)
  HST 103 U.S. History I to Reconstruction (MOTR HIST 101) (3)
  HST 104 U.S. History II to Reconstruction (MOTR HIST 102) (3)
  PSC 102 U.S. and Missouri Govt and Const (MOTR POSC 101) (3)
☐ Complete 2 additional courses in Social and Behavioral Sciences from MOTR list

Humanities and Fine Arts 9 hours required
☐ PHL 201 World Religions (MOTR RELG 100) (3) *course will fulfill UMSL’s Cultural Diversity requirement
☐ Complete 2 additional courses in Humanities and Fine arts from MOTR list

The information in this Transfer Guide is in accordance with the published 2020-2021 Course Catalogs of both UMSL and JC.
ASSOCIATE OF ARTS
TO A
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Life and Physical Sciences 7 hours minimum required, must include 1 lab
☐ Complete 1 Laboratory course in the Life and Physical Sciences from MOTR list (4-5)
☐ Complete 1 additional course in the Life and Physical Sciences from MOTR list (3)

CORE 42 ELECTIVE(S) (MOTR COURSES TO REACH 42 CREDIT HOURS)
☐ MTH 180 Calculus I (5)

REQUIRED ELECTIVES FOR AA-GENERAL TRANSFER STUDIES (60 Hours minimum)
☐ MTH 185 Calculus II (5)
☐ MTH 172 Linear Algebra (3)
☐ CIS 155 Introduction to Computer Programming (3)
☐ Elective
☐ Elective

Note: Students seeking to major in computer science are first designated as “precomputer science majors” until they have completed CMP SCI 2750 (UMSL course). Upon successful completion of this course with a grade of C- or better, students will be allowed to declare computer science as their major. This course must be completed successfully within two attempts.

For questions about this transfer guide please call the Office of Admissions at 314-516-5451