This Guide is intended for the use of students who plan on transferring from East Central College (ECC) with a completed Associate of 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 ECC 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 ECC course catalog or may be obtained through an ECC advisor.

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

GENERAL EDUCATION - CORE 42

Foundation Seminar
    - COL 101 Foundation of Student Success (1)
      * COL 101 will not count towards CORE 42, but may be required for the AA.

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 101 Oral Communications (MOTR COMM 100) (3)
      - COM 110 Public Speaking (MOTR COMM 110) (3)

Mathematical Sciences – 3 Hours Required
    - Complete 1 of the following courses:
      - MTH 170 College Algebra (MOTR MATH 130) (3)
      - Or other, higher MTH course

Social and Behavioral Sciences – 9 Hours Required
    - Complete 1 course from the following Civics courses
      - HST 101 US History to 1877 (MOTR HIST 101) (3)
      - HST 102 US History since 1877 (MOTR HIST 102) (3)
      - PSC 102 US Government I: National and State (MOTR POSC 101) (3)

    - Complete 2 additional courses in Social & Behavioral Sciences from MOTR list

Humanities and Fine Arts – 9 Hours Required
    - Complete minimum of 9 credit hours from at least two subject areas
      - MUS 151 World Music (MOTR MUSC 102) (3) *Satisfies 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 ECC.
ASSOCIATE OF ARTS
TO A
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Natural Sciences  7 Hours Minimum Required, Must Include 1 Lab
Complete minimum of 7 hours from at least 2 subject areas, including one course with lab component
☐ Complete 1 Laboratory course in Natural Science from MOTR list (4-5)
☐ Complete 1 additional Natural Science course from MOTR list (3)

CORE 42 ELECTIVE(S) (MOTR COURSES TO REACH 42 HOURS)
☐ MTH 171 Trigonometry (2)
☐ Complete additional MOTR elective to reach 42 hours

REQUIRED ELECTIVES for AA-General Transfer Studies (60 hours minimum)
Student must complete enough elective coursework to reach 60 Total Hours:
☐ MTH 190 Analytic Geometry & Calculus I (5)
☐ MTH 210 Analytic Geometry & Calculus II (5)
☐ MTH 241 Linear Algebra (3)
☐ Elective
☐ Elective

For any questions regarding this guide please contact the UMSL Office of Admissions at (314)-516-5451.

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