ASSOCIATE IN ARTS
TO A
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

UNIVERSITY OF MISSOURI – ST. LOUIS &
MINERAL AREA COLLEGE
TRANSFER GUIDE

This Guide is intended for the use of students who plan on transferring from Mineral Area College (MAC) 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 MAC 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 MAC course catalog or may be obtained through a MAC advisor.

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

GENERAL EDUCATION

English 9 Hours
- ENG 1330 English Composition I (3)
- ENG 1340 English Composition II (3)
- Complete 1 of the Following Courses:
  - ENG 1440 Public Speaking (3)
  - ENG 1670 Interpersonal Communication (3)

Humanities 9 Hours
- Complete 1 of the Following Courses to satisfy both MAC’s and UMSL's Cultural Diversity Requirements:
  - ENG 2500 Multicultural Literature (3)
  - PHI 1410 Comparative Religion (3)
  - SOC 1540 Introduction to Cultural Anthropology (3)
- Complete 2 additional Courses in the Humanities from at least 2 Humanities Disciplines:
  - Humanities Course: ______________________
  - Humanities Course: ______________________

History & Political Science 6 Hours
- POS 1180 American Political Systems (3)
- Complete 1 of the Following Courses:
  - HIS 1230 American History I (3)
  - HIS 1240 American History II (3)

Mathematics 3 Hours
- MAT 1230 College Algebra (3)

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Physical & Biological Sciences  8 Hours
☐ ☐ Complete 2 Courses, 1 in the Physical Sciences and 1 in the Biological Sciences, at least 1 Course with a Laboratory Component:
   Physical Science Course: ______________________
   Biological Science Course: ______________________

Social & Behavioral Sciences  3 Hours
☐ Complete 1 Social & Behavioral Science Course: ______________________

Computer Information Systems  3 Hours
☐ Complete 1 Computer Information Systems Course: ______________________

Physical Education  2 Hours
☐ Complete 1 Physical Education Course: ______________________

ELECTIVES  19 HOURS
A student must complete enough Elective Coursework to reach 62 Total Hours:
☐ MAT 1330 Trigonometry (3)
☐ MAT 1650 Analytic Geometry and Calculus I (5)
☐ MAT 2150 Analytic Geometry and Calculus II (5)
☐ Elective
☐ UMSL Computer Science Course*

* The UMSL Bachelor of Science in Computer Science requires a 5 semester sequence of Computer Science area courses. As an equivalent course is not offered at Mineral Area College, it is, therefore, recommended that a student begin attending UMSL through dual enrollment while working on their Associates to complete the first Computer Science course in this sequence in order to stay on schedule to graduate with their Bachelors.

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

For questions please contact Tami Davenport at (575) 518-2324 or at davenportt@umsl.edu.

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