BACHELOR OF ARTS IN MATHEMATICS
ASSOCIATE OF ARTS

UNIVERSITY OF MISSOURI – ST. LOUIS & ST. CHARLES COMMUNITY COLLEGE TRANSFER DEGREE GUIDE

This Guide is intended for the use of students who plan on transferring from St. Charles Community College (SCC) with a completed Associate of Arts to the University of Missouri – St. Louis (UMSL) to pursue a Bachelor of Arts in Mathematics.

For more information on UMSL's Bachelor of Arts in Mathematics, please visit our online Course Catalog: http://www.umsl.edu/bulletin/as/math.html

---

The following are the requirements of the SCC Associate of Arts degree program as they are recommended for student intending to continue on into UMSL's Bachelor of Arts in Mathematics. 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 SCC course catalog or may be obtained at the SCC Academic Advising Office.

This guide is intended for use under advisement of the SCC Academic Advising Office or the UMSL Transfer Coordinator and is not considered to be substitution of such advisement.

General Education — 42 Hours Required

- ☐ 9 Credit Hours of Communications Courses:
  - ☐ *ENG 101: English Composition I (3)*
  - ☐ *ENG 102: English Composition II (3)*
  - ☐ *SPE 101: Oral Communication (3)*
- ☐ 9 Credit Hours of Social Science Courses:
  - ☐ Group I Course:
  - ☐ Group II Course - *ECO 110: Principles of Macroeconomics (3)*
  - ☐ Additional Social Science Course - *ECO 120: Principles of Microeconomics (3)*
- ☐ 9 Credit Hours of Humanities Courses. These courses may be used to satisfy the UMSL Foreign Language Requirement as noted below:
  - ☐ Group I Course:
  - ☐ Group II Course - *FRN 101: French Language & Culture I (4)*, *GRM 101: German Language & Culture I (4)*, or *SPN 101: Spanish Language & Culture I (4)*
  - ☐ Additional Humanities Course - *FRN 102: French Language & Culture II (4)*, *GRM 102: German Language & Culture II (4)*, or *SPN 102: Spanish Language & Culture II (4)*
- ☐ 3 Hour Multicultural/Valuing Course - *FRN 201: French Language & Culture III (4)*, *GRM 201: German Language & Culture III (4)*, or *SPN 201: Spanish Language & Culture III (4)*

- ☐ 3-4 Hour Mathematics Course - *MAT 180: Calculus & Analytic Geometry I (5)*

BACHELOR OF ARTS IN MATHEMATICS
ASSOCIATE OF ARTS

- ☐ 7-8 Credit Hours of Natural Science Courses:
  - ☐ Group I Course:
  - ☐ **One** Group II Course selected from the following:
    - *CHM 115: General Chemistry I (5)*
    - *PHY 240: College Physics I [Lecture] (4)*
  - ☐ Laboratory Course selected from the following to correspond with the Group II lecture course:
    - *PHY 243: College Physics I [Laboratory] (1)*

- ☐ *COL 299: Sophomore Portfolio Assessment (1)*

Computer Science: Institutional Graduation Requirement — 3 Hours Required

- ☐ One computer course is required for the Associate of Arts completion:
  Please meet with the UMSL Transfer Coordinator, the SCC Academic Advising Office, or refer to the SCC General Education online course listing for course options.

Electives — 19 Hours Required

After completion of the General Education, Associate of Arts students must also complete a number of elective hours to reach 64 total. The following listed SCC courses include those that are required for degree completion and others that are recommended as applicable to requirements of UMSL's Bachelor of Arts in Mathematics.

- ☐ *COL 101: College Success Seminar (1)*
- ☐ *MAT 230: Calc. & Analytic Geometry II (5)*
- ☐ *MAT 240: Calc. & Analytic Geometry III (5)*
- ☐ *MAT 250: Differential Equations (3)*
- ☐ One course or combination of courses selected from the following Natural Science Courses:
  - *CHM 116: General Chemistry II (5)*
  - *PHY 241: College Physics II (4)* and *PHY 244: College Physics II Laboratory (1)*

For any questions regarding this guide please contact the Center for Student Success and Transfer Services at (314) 516-5162.