

UNIVERSITY OF MISSOURI - ST. LOUIS
AND
ST. CHARLES COMMUNITY COLLEGE

ASSOCIATE OF ARTS LEADING TO BACHELOR OF ARTS IN

MATHEMATICS

FIRST SEMESTER

SCC

+MATH 180 Calculus I (5)
ENG 101 Comp I (3)
Humanities (Group I) (3)
Biological Science (3-4)
COL 101 Orientation to Coll (1)

Hours: (15-16)

UMSL Equiv.

Math 1800
Eng 1100

SECOND SEMESTER

SCC

MATH 230 Calc II (5)
ENG 102 Comp II (3)
Humanities (Group II) (3)
SPE 101 Oral Com (3)
Social Science (Group II) (3)

Hours: (17)

UMSL Equiv.

Math 1900

Com 1040

THIRD SEMESTER

SCC

MATH 240 Calc III (5)
**Physical Science (5)
Humanities (Group I or II) (3)
State Req./Social Science (3)

Hours: (16)

UMSL Equiv.

Math 2000

FOURTH SEMESTER

SCC

#Multicultural/Value (3)
MATH 242 Linear Algebra (5)
Social Science (Group I or II) (3)
CPT 115 Intro to D.P. (3)
COL 299 Capstone (1)
Math 250 Diff Equations (3)

Hours: (18)

UMSL Equiv.

Math 2450
BA 1800
Math 2020

FIFTH SEMESTER

UMSL

Math 3000 Discrete Structures (3)
Comp Sci 1250 Intro to Computing (3)
Related Area Course (3-5)
Math 1320 Applied Statistics (3)
++Foreign Language 1001 (5)

Hours: (17-19)

UMSL Equiv.

SIXTH SEMESTER

UMSL

Math 4100 Advanced Calculus (3)
Related Area Course (3-5)
English 3100 Adv Expository Writing (3)
Math 4030 Applied Math I (3)
Foreign Language 1002 (5)

Hours: (17-19)

SEVENTH SEMESTER

UMSL

Math 4160 Functions of a Complex Variable (3)
Math 4400 Intro to Abstract Algebra (3)
*Related Area Course (3-5)
*Upper Level Elective or Related Area Course (3)
Foreign Language 2101 (3)

Hours: (15-17)

EIGHTH SEMESTER

UMSL

*4000 Level Math Elective (3)
*Related Area Course (3-5)
Electives Additional Electives to = 120 (6)

Hours: (12+)

NOTE: See back page for additional information.

DEGREE NOTES:

* To be selected in consultation with your Faculty Advisor.

**CHM 110 & 113 or Phy 240 & 243 are recommended physical science courses

+Students will begin their math sequence based on the results of the required SCC Math Placement Test

++ It is **strongly** recommended that **all** foreign language proficiency courses (12 hrs- FL 101, 102, 201) be completed at SCC or at UMSL. If the proficiency sequence is incomplete at time of transfer, students will be required to take the UMSL Foreign Language Placement exam before being permitted to take additional foreign language courses.

#Courses that fulfill UMSL's Cultural Diversity Requirement: ANT 102, GEO 101, HST 201, GLC 170 or 180, PHL 201.

120 hours required for the BA in Mathematics

Student completing an degree from a MO community college that includes a CBHE approved general education core will be allowed transfer credit of more than 64 hours only if the additional lower division credits are applicable to the baccalaureate degree or are prerequisites for upper division courses in the major.

Maximum of 60 hours may transfer without AA

Please seek advisement from your SCC Academic Advisor for assurance of AA completion

CONTACT INFORMATION:

Note: It is important to contact the UM-St. Louis Transfer Coordinator each semester

SCC-Elizabeth Higgins, UM-St. Louis Transfer Coordinator, in room 2123 Administration Bldg., 636-922-8241

For additional information, contact R. Friedlander in the UM-St. Louis Mathematics and Computer Science Department, 307 Computer Center Building, 314-516-5741 or friedlan@umsl.edu.