

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

ASSOCIATE OF ARTS LEADING TO BACHELOR OF ARTS IN  
**BIOLOGY**

**FIRST SEMESTER**

**SCC**

Eng 101 Comp I (3)  
MAT 171 Pre-Calc (6)  
BIO101 & 103 Gen. Bio I (4)  
COL 101 Orient. to Coll (1)  
Humanities (Group I) (3)

Hours: (17)

**UMSL Equiv.**

*Eng 1100*  
*Math 1030*  
*Bio 1811 A&B*

**SECOND SEMESTER**

**SCC**

#MAT 210 Survey Calc (4)  
**OR** MAT 180 (5)  
State Req./Social Science (3)  
BIO 102/104 Gen Bio II (4)  
ENG 102 Comp II (3)

Hours: (14-15)

**UMSL Equiv.**

*Math 1100*  
*Math 1800*  
*Bio 1821 A&B*

**THIRD SEMESTER**

**SCC**

CHM 110 & 113 Gen Chm I (5)  
SPE 101 Oral Com (3)  
Humanities (Group I or II) (3)  
Social Science (Group I or II) (3)  
CPT 115 Intro to D.P. (3)

Hours: (17)

**UMSL Equiv.**

*Chm 1111 A&B*  
*Com 1040*  
*BA 1800*

**FOURTH SEMESTER**

**SCC**

CHM 111 & 114 Gen.Chm II (5)  
Social Science (Group II) (3)  
Humanities (Group II) (3)  
\*Multicultural/Value (3)  
COL 299 Capstone (1)

Hours: (15)

**UMSL Equiv.**

*Chm 1121 A&B*

+Additional courses that may be taken at SCC: Language 101, 102, 201

**FIFTH SEMESTER**

**UMSL**

Biol 2012 Genetics (3)  
Biol 2013 Genetics Lab (2)  
Eng 3100 Adv Exp. Writing **or**  
Eng 3160 Write in the Sciences (3)  
CHM 2612 Organic Chem. (3)  
Physics 1011 Basic Physics I (4)

Hours: (15)

**SIXTH SEMESTER**

**UMSL**

Biol 3622 Cell Biology (3)  
Biology Lecture 2000 level (3)  
Biology Lab 2000 level (2)  
PHY 1012 Basic Physics II (4)

Hours: (12)

**SEVENTH SEMESTER**

**UMSL**

Biol 3302 Intro to Evolution (3)  
4000/5000 Biology Elective (3)  
2000 level Biology Lab (2)  
Biology Diversity Course (3)  
*One of the following:* (3)  
Math 1310 Elem Stat. Meth **or** Math 1320 Applied Stats I  
Math 1320 Applied Statistics I  
Edu 5730 Educational Statistics  
Psych 2201 Psych Statistics  
Biol 4122\*\*Biometry

Hours: (14)

**EIGHTH SEMESTER**

**UMSL**

4000/5000 Biology Elective (3)  
Biol 4889 Biology Elective (3)  
Biol Additional Biology Elective (3)  
CHM 2223 **or** 2622 **or** 2633 **or**  
Bio/Chem 4712 (3)

Hours: (12)

**NOTE: See back page for additional information.**

**DEGREE NOTES:**

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

\*\* Biology 4122 – Biometry recommended.

+ 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.

#Trigonometry is the prerequisite for MATH 180, Calculus I; it is not a prerequisite for MATH 210, Survey of Calculus.

120 hours required for the BA in Biology

Student completing a 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 Carol Weber in the UM-St. Louis Biology Department, 223 Research Building, 314-516-6200 or cweber@umsl.edu