

UNIVERSITY OF MISSOURI-ST. LOUIS
AND
SOUTHWESTERN ILLINOIS COLLEGE

ASSOCIATE IN SCIENCE LEADING TO BACHELOR OF SCIENCE IN

BIOLOGY

FIRST SEMESTER

SWIC

ENG 101 Rhetoric & Comp I (3)
SPCH 151 Fund of Pub Speak (3)
*MATH 113 Fin. Math
BUS/SS(4)
BIOL 101 Princip. of Biology I (4)
Humanities (3)

UMSL Equiv.

Approved Elective
Com 1040
Math 1102

Biol 1811
Gen Ed

Hours: (17)

THIRD SEMESTER

SWIC

Humanities (general) (3)
CHEM 105 General Chem I (5)
Social Science (3)
PHY 151 College Physics (5)

UMSL Equiv.

Gen Ed
Chem 1111
Gen Ed
Phys 1011

Hours: (16)

FIFTH SEMESTER

UMSL

BIOL 2012 Genetics (3)
BIOL 2013 Genetics Lab (2)
CHEM 2612 Organic Chemistry I (3)
ENG 3100 Advanced Expository Writing **or**
ENG 3160 Writing for the Sciences (3)
PHIL 2256 Bioethics **or**
PHIL 3380 Philosophy of Science (3)

Hours: (14)

SEVENTH SEMESTER

UMSL

One of the following:

MATH 1310 Elementary Stat Methods (3)
MATH 1320 Applied Statistics I (3)
EDU 5730 Educational Statistics (3)
PSYC 2201 Psychological Statistics (3)
BIOL 4122 Biometry (3)
CHEM 2633 Organic Chemistry Lab **or**
CHEM 2223 Quantitative Analysis (2 or 3)
BIOL 3302 Evolution (3)
2000 level Biology Lecture (3)
2000 level Biology Lab (2)

Hours: (13-14)

SECOND SEMESTER

SWIC

ENG 102 Rhetoric & Comp II (3)
BIOL 102 Princip of Biology II (4)
Soc Science/Non-west Culture (3)
MATH 213 Calc for BUS/SS (4)
POLS 150 Intro to Am Politics (3)

UMSL Equiv.

Eng 1100
Biol 1821
Gen Ed/CD

Math 1100
Pol Sci 1100

Hours: (17)

FOURTH SEMESTER

SWIC

CHEM 106 General Chem II (5)
Humanities (fine arts) (3)
HLTH 151 Health (2)
PHY 152 College Physics II (5)

UMSL Equiv.

Chem 1121
Gen Ed
Phys 1012

Hours: (15)

SIXTH SEMESTER

UMSL

BIOL 3622 Cell Biology (3)
Biology Diversity Course (3)
CHEM 2622 Organic Chemistry II (3)
2000/3000 Biology Lecture (3)
2000/3000 Biology Lab (2)

Hours: (14)

EIGHTH SEMESTER

UMSL

4000 Level Biology Lecture (3)
4000 Level Biology Lecture (3)
2000/3000 Biology Lab (2)
4000 Level Biology Lecture (3)
BIOL 4889 Senior Seminar (2)

Hours: (13)

NOTE: See back of page for additional information.

DEGREE NOTES:

*MATH 112 College Algebra is the required prerequisite for MATH 113 Finite Math for BUS/SS and for CHEM 105 General Chemistry I.

Minimum of 120 hours required for the BS in Biology

Students completing an AA/AS degree from SWIC that includes the IAI 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/AS degrees

Please seek advisement from your SWIC Counselor for assurance of completion of the Associate Degree

Students living in the Illinois counties of Madison, Monroe, St. Clair, and Jersey are eligible for the in-state tuition rate.

CONTACT INFORMATION:

NOTE: IT IS IMPORTANT TO CONTACT THE UM-ST. LOUIS TRANSFER COORDINATOR EACH SEMESTER

Maya Scruggs, UM-St. Louis Transfer Coordinator, 225 MSC, 314-516-5873 or mms966@umsl.edu

For additional information, contact Carol Weber in the UM-St. Louis Biology Department, 223 Research Building, 516-6200 or cweber@umsl.edu.