

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

ASSOCIATE IN ARTS IN GENERAL TRANSFER STUDIES leading to a BACHELOR OF SCIENCE in

BIOLOGY

FIRST SEMESTER

SLCC Course (Hours)

ENG 101 College Composition I (3)

*Social Science (3)

Humanities (3)

COM 101 Oral Communication I (3)

IDS 101 Cornerstone (3)

PE Activity (1)

Semester Hours: (16)

UMSL Equivalent

English 1100

Cultural Diversity

Gen Ed

Commun 1040

Gen Ed Elective

Free Elective

SECOND SEMESTER

SLCC Course (Hours)

MTH 160 College Algebra (4)

CHM 105 General Chemistry I (5)

Social Science (3)

Humanities (3)

State Requirement/Social Science (3)

Semester Hours: (18)

UMSL Equivalent

Math 1030

Chem 1111

Gen Ed

Gen Ed

Gen Ed

THIRD SEMESTER

SLCC Course (Hours)

BIO 140 Principles of Biology I (4)

CHM 106 General Chemistry II (5)

MTH 170 Trigonometry (3)

**Approved Elective (3)

PE Activity (1)

Semester Hours: (16)

UMSL Equivalent

Biol 1811

Chem 1121

Math 1035

Approved Elective

Free Elective

FOURTH SEMESTER

SLCC Course (Hours)

BIO 141 Principles of Biology II (4)

MTH 186 Survey of Calculus (4) **or**

MTH 210 Geometry & Calc. I (5)

CHM 204 Organic Chemistry I (3)

IDS 201 Capstone (4)

Semester Hours: (16)

UMSL Equivalent

Biol 1821

Math 1100

Math 1800

Chem 2612

Gen Ed Elective

FIFTH SEMESTER

UMSL Course (Hours)

BIOL 2012 Genetics (3)

BIOL 2013 Genetics Laboratory (2)

CHEM 2622 Organic Reactions (2)

ENGLISH 3100 Advanced Expository Writing (3) **or**

ENG 3160 Writing for the Sciences (3)

PHYSICS 1011 Basic Physics I (4)

Semester Hours: (14)

SIXTH SEMESTER

UMSL Course (Hours)

BIOL 3622 Cell Biology (3)

Biology Diversity Course (3)

CHEM 2633 Techniques in Organic Chemistry (2) **or**

CHEM 2223 Quantitative Analysis (3)

PHYSICS 1012 Basic Physics II (4)

2000/3000 Level Biology Laboratory (2)

Semester Hours: (14-15)

SEVENTH SEMESTER

UMSL Course (Hours)

PHIL 2256 Bioethics (3) **or**

PHIL 3380 Philosophy of Science (3)

BIOL 3302 Introduction to Evolution (3)

One of the following:

MATH 1310 Elementary Statistical Methods (3)

MATH 1320 Applied Statistics I (3)

ED REM 5730 Educational Statistics (3)

PSYC 2201 Psychological Statistics (4)

BIOL 4122 Biometry (3)

2000 Level Biology Lecture (3)

2000 Level Biology Laboratory (2)

Semester Hours: (14-15)

EIGHTH SEMESTER

UMSL Course (Hours)

4000 Level Biology Lecture (3)

4000 Level Biology Lecture (3)

2000/3000 Level Biology Laboratory (2)

4000 Level Biology Lecture (3)

BIOL 4889 Senior Seminar (2)

Semester Hours: (13)

See next page for additional information. Revised 12/07

DEGREE NOTES:

* St. Louis Community College social science courses that also fulfill University of Missouri- St. Louis cultural diversity requirement are ANT 102, ANT 201, ANT 202, ANT 203, ANT 205, ANT 206, ANT 207, GEG 100, HST 130, HST 131, HST 201, HST 205, PHL 103, POL SCI 204, and PSY 217.

** Approved Elective courses should always be chosen based on your major and the transfer institution.

A minimum of 120 hours is required for the Bachelor of Science in Biology.

Free Elective hours do not count towards the total required for graduation at the University of Missouri-St. Louis.

Students completing a degree from a Missouri 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.

A maximum of 60 hours may transfer without the completion of a degree including a CBHE approved general education core.

Please seek advisement from your SLCC Academic Advisor for assurance of Associates degree completion.

IT IS IMPORTANT TO CONTACT AN UMSL TRANSFER COORDINATOR EACH SEMESTER:

SLCC- Florissant Valley

Maya Scruggs, UMSL Transfer Coordinator: First Floor Administration Bldg., (314) 513-4260.

SLCC- Forest Park

Maya Scruggs, UMSL Transfer Coordinator: Student Center E228, (314) 644-9729.

SLCC- Meramec

Krystal Lang, UMSL Transfer Coordinator: Counseling & Advising, 201 Clark Hall, (314) 984-7575.

For additional information contact Carol Weber in the University of Missouri- St. Louis Biology Department: 223 Research Building, (314) 516-6216, cweber@umsl.edu.