

**ASSOCIATE OF ARTS
TO A
BACHELOR OF SCIENCE IN BIOLOGY**



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



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

This Bachelors degree offers Emphasis options in the following areas: Cell & Molecular Biology; Ecology, Evolution, & Conservation Biology; and Pre-Professional/Health Sciences. Unless specified below, the courses recommended in this guide will be applicable to all of these Emphases. For more information on UMSL's Bachelor of Science in Biology, please visit our online [Course Catalog](#).

The following are the requirements of the STLCC Associate of Arts degree program as they are recommended for students intending to continue on into UMSL's Bachelor of Science in Biology. Completing these requirements as they are recommended here will maximize the transferability of a student's coursework toward their UMSL Bachelors 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 STLCC course catalog or may be obtained through a STLCC advisor.

This guide is intended for use under advisement of a STLCC Academic Advisor or UMSL Transfer Specialist and is not considered to be substitution of such advisement.

GENERAL EDUCATION-CORE 42

Communication-Written & Oral

9 hours required

- ENG 101 College Composition I (MOTR ENGL 100) (3)
- ENG 102 College Composition II (MOTR ENGL 200) (3)
- COM 107 Public Speaking (MOTR COMM 110) (3)

Mathematical Sciences

3 hours required

- MTH 185 Precalculus (5)**

Social and Behavioral Sciences

9 hours required

- Complete 1 of the following courses (Civics requirement)
 - HST 101 US History to 1865 (MOTR HIST 101) (3)
 - HST 102 US History 1865-present (MOTR HIST 102) (3)
 - PSC 101 Intro to American Politics (MOTR POSC 101) (3)
- Complete 2 additional courses in the Social and Behavioral Sciences from the MOTR list
 - Social and Behavioral Science Course: _____
 - Social and Behavioral Science Course: _____

Humanities and Fine Arts

9 hours required

The information in this Transfer Guide is in accordance with the published 2019-2020 Course Catalogs of both UMSL and STLCC.

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PHL 103 World Religions (MOTR RELG 100) (3) or ENG 231 World Literature (MOTR LITR 200) ** *either course will fulfill UMSL's Cultural Diversity requirement*

Complete 2 additional courses in the Humanities & Fine Arts from MOTR list

Humanities and Fine Arts course: _____

Humanities and Fine Arts course: _____

Natural Sciences 7 hours minimum, must include at least 1 lab class

CHM 105 General Chemistry I (MOTR CHEM 150L) (5)

BIO 140 Principles of Biology I (MOTR BIOL 150L) (4)

CORE 42 ELECTIVE(S) (MOTR COURSES TO REACH 42 CREDIT HOURS)

PHY 111 College Physics I (4)

GENERAL ELECTIVES FOR AA-GENERAL TRANSFER STUDIES (60 HOURS MINIMUM)

A student must complete enough Elective Coursework to reach 60 Total Hours:

BIO 141 Principles of Biology II (4)

PHY 112 College Physics II (4)

Complete 1 of the following courses:

MTH 186 Survey of Calculus (4)

MTH 210 Analytic Geometry and Calculus I (5)

PHL 109 Bio-Medical Ethics (3)

CHM 106 General Chemistry II (5)

Students that plan to transfer to UMSL to pursue a Bachelor of Science in Biology but do not wish to complete an Associates degree at STLCC should focus on completing the **Highlighted Courses** above in conjunction with those outlined in the [STLCC General Education Transfer Guide](#).

For any questions regarding this guide please contact the UMSL Office of Transfer Services at (314) 516-5162.