ASSOCIATE IN SCIENCE
TO A
BACHELOR OF SCIENCE IN BIOLOGY

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

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

This Bachelor’s 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 L&C Associate in Science 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 L&C course catalog or may be obtained through an L&C advisor.

This guide is intended for use under advisement of an L&C Academic Advisor or UMSL Transfer Specialist and is not considered to be substitution of such advisement.

Communications 9 Hours
☐ ENGL 131 First-Year English I (3)
☐ ENGL 132 First-Year English II (3)
☐ SPCH 131 Public Speaking (3)

Mathematics 8-9 Hours
☐ Complete 1 of the following courses:
  MATH 165 Calculus for Bus & Social Sciences (4)
  MATH 171 Calculus & Analytic Geometry (5)
☐ Complete 1 of the following courses:
  MATH 145 General Education Statistics (4)
  MATH 235 Statistics (4)

Life & Physical Science 12 Hours
☐ Complete 1 of the following courses:
  BIOL 162 Human Inheritance (3)
  BIOL 165 Ecological Principles (3)
  BIOL 173 Evolutionary Theory (3)
☐ CHEM 141 General Chemistry I (5)
☐ PHYS 131 Introduction to Physics I (4)

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☐ 1 Course of the following Humanities & Fine Arts and Social & Behavioral Science courses must be selected to satisfy both L&C's Human Relations requirement and UMSL's Cultural Diversity requirement chosen from:

- ANTH 232 Cultural Anthropology (3)
- ART 153 Non-Western Art (3)
- HIST 138 History of Latin America (3)
- HUMN 231 Comparative Religion (3)
- LITT 233 Literature of Non-Western Cultures (3)
- MUSI 134 Non-Western Music (3)
- PHIL 132 Eastern Philosophy (3)

Humanities & Fine Arts    6 Hours
☐ Complete 1 course in Humanities: ______________________
☐ Complete 1 course in Fine Arts: ______________________

Social & Behavioral Sciences     6 Hours
Students must select courses from at least two different disciplines:
☐ Complete 1 course in Social & Behavioral Sciences: ______________________
☐ Complete 1 course in Social & Behavioral Sciences: ______________________

Electives      23 Hours
A student must complete enough Elective Coursework to reach 60 Total Hours:
☐ BIOL 133 Cellular and molecular Biology (3)
☐ BIOL 135 General Zoology (4)
☐ CHEM General Chemistry I Recitation 121 (1)
☐ MATH 134 Pre-Calculus (5)
☐ PHYS 132 Introduction to Physics II (4)
☐ Complete 1 of the following courses:
   - BIOL 134 General Botany (4)
   - BIOL 241 Microbiology (4)
   - PHIL 241 Biomedical Ethics (3)

Students that plan to transfer to UMSL to pursue a Bachelor of Science in Biology but do not wish to complete an Associate's degree at L&C should focus on completing the Highlighted Courses above in conjunction with those outlined in the L&C General Education Transfer Guide.

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

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