

**ARTICULATION AGREEMENT
BETWEEN
THE METROPOLITAN COMMUNITY COLLEGES
AND
UNIVERSITY OF MISSOURI**

Overview:

This formal program articulation agreement is made and entered into by the University of Missouri, hereinafter referred to as MU, and the Junior College District of Metropolitan Kansas City, Missouri, hereinafter referred to as MCC. By this agreement MCC and MU express a shared commitment to increasing opportunities for student access to and success in higher education. By clarifying transfer policies and procedures that assure articulation between programs, the institutions seek to assist in making a seamless transfer from the associate to the baccalaureate degree.

Purpose:

This agreement provides students who have earned an **Associate in Science with an emphasis in Biology** at MCC the opportunity to complete a **Bachelor of Science in Biological Sciences** at MU. Any Metropolitan Community College student who has earned an Associate in Science with an Emphasis in Biology is guaranteed that MU will accept designated freshman and sophomore credits and general education credits and will apply such to the Bachelor of Science in Biological Sciences degree at MU in a manner consistent with the treatment of native students.

Conditions of Transfer

Section I: Admissions and Matriculation

MCC students maintaining continuous enrollment under this agreement will be afforded the same treatment and protection as MU native students enrolled under a specific catalog.

Criteria for acceptance into MU for transfer students is based upon their past academic performance and the admissions requirements for the Bachelor of Science in Biological Sciences at MU.

MCC, upon request of students, will provide verification of completed courses to MU through Admissions in 230 Jesse Hall.

The transcripts of students transferring to MU from MCC will be evaluated by Admissions in 230 Jesse Hall.

Transfer students from MCC will have access to financial aid and student services on the same basis as native students.

Minimum grade standards for academic progress and graduation from MCC will be subject to no further review by MU.

MU will apply the same academic progress and graduation standards to MCC transfer students as those applicable to native students at MU.

Section II: Transfer of Credit

While there is no maximum number of credit hours that can be transferred by a student from MCC to MU, 30 of the last 36 semester hours of credit must be completed with MU authored courses.

Transfer students from MCC who have completed the Associate in Science with an Emphasis in Biology degree, upon acceptance into the Bachelor of Science in Biological Sciences Biological Sciences program at MU, will have junior standing at MU.

Section III: Program Plan

Students falling under this program articulation agreement will be responsible for successfully completing the following requirements.

Associate in Science Degree with an Emphasis in Biology at MCC

GENERAL EDUCATION REQUIREMENTS

- ENGL 101 Composition and Reading I (3)
- ENGL 102 Composition and Reading II (3)
- SPDR 100 Fundamentals of Speech (3)
- Humanities Elective (3)

AMERICAN INSTITUTIONS

Complete two of the following:

- HIST 120 U.S. History to 1865 (3)
- HIST 121 U.S. History since 1865 (3)
- POLS 135 Introduction to Political Science (3)
- POLS 136 Introduction to American National Politics (3)
- POLS 137 Introduction to State and Local Politics (3)

SPECIFIC PROGRAM REQUIREMENTS

Biology (13 credits)

- BIOL 104 General Botany (5)
- BIOL 106 General Zoology (5)
- BIOL 204 Genetics (3)

Chemistry (20 credits)

- CHEM 111 General College Chemistry I (5) *and*
- CHEM 112 General College Chemistry II (5)
- CHEM 221 Organic Chemistry I (5) *and*
- CHEM 222 Organic Chemistry II (5)

Mathematics (5-6 credits)

- MATH 115 Statistics (3) *and*
MATH 120 College Algebra (3) *or*
- MATH 180 Analytic Geometry & Calculus I (5)

ELECTIVES

(Minimum of 3 credits total)

BEHAVIORAL SCIENCE or FOREIGN LANGUAGE

Total credits required for an Associate in Science with an Emphasis in Biology at MCC: 62

Bachelor of Science in Biological Sciences at MU

GENERAL EDUCATION REQUIREMENTS

Social Science (one course)	3 credits
Humanities (two courses)	6 credits
Behavioral Science (one - two courses)	3-6 credits
<i>Three of the above five courses must be at the 2000 level or higher</i>	
Foreign Language	12-13 credits
<i>Requirement may be satisfied with four years of a single foreign language in high school or completion at MCC</i>	
One 1000 level or higher WI course (any department)	3 credits
<i>WI course may overlap with other requirements</i>	
One 3000 level WI course (in science/math)	3 credits
<i>WI course may overlap with other requirements</i>	

BIOLOGICAL SCIENCES REQUIREMENTS

Cell Biology (4 credits):

- BIO SC 2300 Cell Biology

Evolutionary Biology

Choose one of the following (3 credits each):

- BIO SCI 3400 Evolution and Ecology
BIO SCI 4600 Evolution

Biological Diversity

Choose one of the following (3-5 credits each):

- BIO SCI 2600 Ornithology
BIO SCI 2700 Ichthyology
MICROB 3200 Medical Microbiology
BIO SCI 3210 Plant Systematics
BIO SCI 3260 Invertebrate Zoology
BIO SCI 3510 Biology of Fungi
BIO SCI 3660 Mammalogy
BIO SCI 3710 and 3715 Entomology & Insect Diversity

Capstone

Choose one of the following (3-5 credits each):

- BIO SCI 4950 and 4952 Undergraduate Research
BIO SCI 4976 Molecular Biology
BIO SCI 4978 Cancer Biology
BIO SCI 4982 Human Inherited Diseases
BIO SCI 4983 Molecular Ecology
BIO SCI 4984 Mammalian Reproductive Biology
BIO SCI 4986 Neurology of Motor Systems
BIO SCI 4988 Nerve Cells and Behavior
BIO SCI 4990 Vert. Histology and Micro. Anatomy
BIO SCI 4994 Senior Seminar

Biology Electives

Choose from any Biological Sciences courses at the 2000 level or higher to reach a total of 25 credits in Biological Sciences at MU except independent reading, internship, problems or Bio 2100.

Must include at least one 3000 or higher level course with a formal lab or field experience in Biological Sciences at MU

PHYSICAL SCIENCES REQUIREMENT

- PHYS 1210 College Physics I *and*
PHYS 1220 College Physics II

MATHEMATICAL SCIENCES REQUIREMENT

If a student transfers Math 180 from MCC this requirement is met in full. If a student transfers Stat 115, they will need either CS 1040 Intro to Problem Solving & Prog or Stat 3XXX Stat for Life Sciences to complete the requirement. The 3000 level Stat course will be developed at MU by FS 2012.

ELECTIVES

Choose electives to reach the total of 120 credits required for graduation and a minimum of 30 total credits at the 3000 level or higher at MU

Total Credits Required for Bachelor of Science in Biological Sciences at MU: 120

TERMS OF AGREEMENT:

This agreement is made and entered into in the academic year 2011-2012 and remains in force unless changed in writing by mutual agreement of both parties. The agreement may be amended at any time with the approval of both parties and is subject to annual review to assure currency with the respective degree requirements. Should either party desire to discontinue this agreement, advance notification of two years will be required.

SIGNATURES:

The Junior College District of Metropolitan Kansas City, Missouri (MCC) and University of Missouri enter into this program articulation agreement leading from the Associate in Science with an Emphasis in Biology at MCC to the Bachelor of Science in Biological Sciences at MU by the affixing of signatures of the chief executive officers of both institutions.

Michael O'Brien, Ph.D.
Dean, College of Arts and Science
University of Missouri

Date

Brady J. Deaton, Ph.D.
Chancellor
University of Missouri

Date

Mark S. James
Chancellor
Metropolitan Community College

Date