

**Articulation Agreement
Between
Southwestern Illinois College
And
University of Missouri Board of Curators on Behalf
of the University of Missouri- St. Louis**

Biochemistry and Biotechnology

This document specifies the terms for a transfer alliance between the University of Missouri-St. Louis and Southwestern Illinois College that is intended to benefit students at both institutions. This articulation agreement will lead to the awarding of college credit by the University of Missouri-St. Louis for courses successfully completed by students at Southwestern Illinois College.

Southwestern Illinois College Course	University of Missouri-St. Louis Course
ENG 101 Rhetoric & Composition I (3)	Eng 1100
ENG 102 Rhetoric & Composition II (3)	Approved Elective
BIOL 101 Principles of Biology I (4)	Bio 1811
BIOL 280 Introduction Cell Biology (4)	Biology Elective
CHEM 105 General Chemistry I (5)	Chem 1111
CHEM 106 General Chemistry II (5)	Chem 1121
CHEM 201 Organic Chemistry I (5)	Chem 2612
PHYS 151 General Physics I (4)	Phys 1011
PHYS 152 General Physics II (4)	Phys 1012
MATH 112 College Algebra (4)	Math 1030
MATH 114 Trigonometry (3)	Math 1035
MATH 213 Calc for Business Majors (4)	Math 1100
OR MATH 203 Anal Geo & Calculus I (5)	Math 1800
PSYC 151 General Psychology (3)	Psych 1003
PHIL 155 Non-Western Philosophy (3)	Culture Diversity
PHIL 152 Ethics (3)	Phil 1130
HIST 180 U.S. History to 1865 OR	
HIST 181 U.S. History from 1865 (3)	Hist 1001 or 1002
MUSC 101 Music Appreciation (3) OR	
ART 101 Art Appreciation (3)	Humanities Elective
HLTH 151 Human Well Being (2)	

This articulation agreement is intended to prepare Southwestern Illinois College students for the University of Missouri-St. Louis Bachelor of Science Degree in Biochemistry and Biotechnology. To insure the Southwestern student is ready to enroll in the University of Missouri-St. Louis junior level science courses, the student must follow the recommended plan of study.

It should be noted that this plan of study would not lead to an Associate of Science Degree at Southwestern Illinois College.

This agreement would be effective with the 2006-2007 academic year.

Additional copies of this agreement may be requested through the UMSL Office of Transfer Services and Articulation, 225 MSC, 314-516-5162.

This program articulation agreement is hereby entered into on _____
Date

Dr. Thomas F. George, Chancellor
University of Missouri-St. Louis

Dr. Elmer Kirchoff, President
Southwestern Illinois College

Dr. Glen Hahn Cope, Provost
University of Missouri-St. Louis

Clay Baitman, Vice President of Instruction
Southwestern Illinois College

University of Missouri - St. Louis
and
Southwestern Illinois College

Coursework Leading to a Bachelor of Science in

Biochemistry and Biotechnology

1st Semester SWIC (17)

BIOL 101 Prin of Biol I (4)
ENG 101, Rhet & Comp I (3)
PSYC 151 Gen Psych (3)
MATH 112 College Alg (4)
PHIL 155 Non-West Phil (3)

UMSL Equiv.

Bio 1811
Eng 1100
Psych 1003
Math 1030
Cult Div

2nd Semester SWIC (15)

BIOL 280 Intro Cell Biol (4)
CHEM 105 General Chem I (5)
ENG 102 Rhet & Comp II (3)
MATH 114 Trigonometry (3)

UMSL Equiv.

Biology Elective
Chem 1111
Approved Elect
Math 1035

3rd Semester SWIC (17-18)

CHEM 106 General Chem II (5)
PHYS 151 Gen Physics I (4)
MATH 213 Calc for Business (4)
or MATH 203 Calc I (5)
HIST 180 U.S. Hist of 1865 (3)
or HIST 181 U.S. Hist from 1865

UMSL Equiv.

Chem 1121
Phys 1011
Math 1100
Math 1035
Hist 1001 or 02

4th Semester SWIC (17)

PHYS 152 Gen Physic II (4)
MUSC 101 Music Apprec. (3)
OR ART 101 Art Apprec. (3)
HLTH 151 Human Well Being (2)
CHEM 201 Organic Chem I (5)
PHIL 152 Ethics (3)

UMSL Equiv.

Phys 1012
MlTh 1001
Hum Elect
Chem 2612
Phil 1130

After transfer to UMSL

5th Semester Fall (14)

Bio 2012 Genetics (3)
Bio 2013 Genetics Lab (2)
Biol 3622 Cell Biology (3)
Eng 3160 Writing for the Sciences (3)
Chem 2622 Organic Chem II (3)

6th Semester Winter (13)

Chem 2223 Quantitative Analysis (3)
Biol 2482 Microbiology (3)
Biol 2483 Microbiology Lab (2)
Biol 4712 Biochemistry (3)
Chem 2633 Organic Chemistry Lab (2)

7th Semester Fall (16)

Biol 4713 Techniques in Biochemistry (3)
Biol 4602 Molecular Biology (3)
Chem 4722 Advanced Biochemistry (3)
Biol 4614 Biotechnology Lab I (4)
Chem 3302 Physcial Chem for Life Science (3)

8th Semester Winter (19)

Biochemistry Electives (9)
+ other electives
Statistics Course
Biotechnology Lab II (4)