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

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

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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)	UMSL Equiv.	2nd Semester SWIC (15)	UMSL Equiv.
BIOL 101 Prin of Biol I (4)	Bio 1811	BIOL 280 Intro Cell Biol (4)	Biology Elective
ENG 101, Rhet & Comp I (3)	Eng 1100	CHEM 105 General Chem I (5)	Chem 1111
PSYC 151 Gen Psych (3)	Psych 1003	ENG 102 Rhet & Comp II (3)	Approved Elect
MATH 112 College Alg (4)	Math 1030	MATH 114 Trigonometry (3)	Math 1035
PHIL 155 Non-West Phil (3)	Cult Div		

3rd Semester SWIC (17-18)	UMSL Equiv.	4th Semester SWIC (17)	UMSL Equiv.
CHEM 106 General Chem II (5)	Chem 1121	PHYS 152 Gen Physic II (4)	Phys 1012
PHYS 151 Gen Physics I (4)	Phys 1011	MUSC 101 Music Apprec. (3)	MlTh 1001
MATH 213 Calc for Business (4)	Math 1100	**OR** ART 101 Art Apprec. (3)	Hum Elect
or MATH 203 Calc I (5)	Math 1035	HLTH 151 Human Well Being (2)	
HIST 180 U.S. Hist ot 1865 (3)		CHEM 201 Organic Chem I (5)	Chem 2612
or HIST 181 U.S. Hist from 1865	Hist 1001 or 02	PHIL 152 Ethics (3)	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)