

TRANSFER ARTICULATION AGREEMENT

Westfield State University

and

Springfield Technical Community College

A.S. Biotechnology

To

B.S. Biology with Biotechnology concentration

2019

Westfield State University and Springfield Technical Community College have created a transfer articulation agreement between the Department of Biology at Westfield State University and the Biotechnology department at Springfield Technical Community College. This articulation agreement is built on the foundation of a professional and collaborative relationship between these two institutions of higher learning.

OBJECTIVES:

1. To encourage and streamline the transfer of qualified students from Springfield Technical Community College (STCC) to Westfield State University (WSU).
2. To award academic credit for courses completed at STCC that meet the terms of the Biotechnology degree and apply them toward the requirements for the WSU Bachelor of Science in Biology with concentration in Biotechnology degree.
3. To provide effective and concise guidelines for students seeking to transfer to WSU. Students will have accurate and clear information regarding the transfer of their course work and credits, both completed and outstanding, as they apply to the Bachelor of Science in Biology with concentration in Biotechnology at WSU.

TERMS OF THE TRANSFER ARTICULATION AGREEMENT:

1. Students may be admitted to WSU under terms of this program-to-program articulation agreement via either the full-time undergraduate day Office of Admission or the College of Graduate and Continuing Education (CGCE). Placement in university-sponsored housing is not guaranteed as part of this agreement and CGCE students generally do not request housing. However, CGCE students may request housing, which is provided on a space-available basis, by contacting the Office of Residential Life after being admitted to CGCE.
2. This agreement assumes successful completion of the designated associate degree program, including all courses specified on the curriculum sheet. Students must earn a cumulative average of 2.50 (on a 4.0 scale) or higher at the time of admission, as calculated by WSU, to be admitted to the University. Qualified students are admitted to the Biology major as long as space remains available for new transfer students in any given enrollment term.
3. WSU requires that 30 credits be completed in residence to earn the bachelor's degree; a minimum total of 20 Biology department credits must be completed at WSU to earn the Bachelor of Science degree in Biology. Further, the 81 credit major/concentration must be completed with a cumulative average of at least 2.0 (on a 4.0 scale) including WSU and STCC course work combined.
4. At the time of admission, students must demonstrate proficiency in mathematics through college preparatory-level high school Algebra II or its equivalent in one of the following ways: by successfully completing a STCC Mathematics course that fulfills one of WSU's Mathematics core requirements (TMTH) as part of the associate degree before transferring, such as MAT 115 Statistics, which is strongly recommended; or by successfully completing non-transferable course work in either MAT 098 or MAT 099 at STCC before transferring; or, by submitting as part of the application process a high school transcript documenting successful completion of college preparatory-level Algebra II.
5. This articulation agreement is based upon the evaluation of current course descriptions and or other course materials presented to WSU. Credits will transfer for grades of C- or higher (1.7 on a 4.0 scale) in courses deemed transferable by WSU at the time of transfer. WSU will accept a maximum of 79 credits in transfer from all two-year colleges combined (including AP, CLEP, and military experience). To ensure the transfer of the maximum number of credits allowed, students should choose any elective course requirements for the associate degree program from those listed as transferable in the current WSU course equivalency guide, available online at www.westfield.ma.edu/ceg.
6. Students who complete requirements for the designated associate degree program, but fail to select one or more courses specified on the attached curriculum sheet as those required by WSU for the bachelor's degree still may be admitted to WSU's Biology program, but will be required to complete all outstanding requirements for the degree program at WSU. Further, students who do not maximize the number of credits to be applied to the WSU Biology major, the Biotechnology concentration and Common Core of Studies while at the community college may extend the length of time it will take to complete bachelor's degree requirements.
7. This agreement shall remain in effect for a period of two years from the date listed below, with the provision that the terms specified herein will continue to apply to students admitted from STCC's Biotechnology degree program within one year of the expiration date of the agreement. Each institution agrees to provide timely notice to the other in the event of any modification to the curriculum that might affect admission and/or the transferability of course work. This agreement may be subject to change without notice if curriculum requirements change at either institution. Students admitted to STCC's Biotechnology degree program prior to such notification will be admitted to WSU on the basis of this agreement.

Approved on (date): _____

MASS COLLEGES articulation agreement:	MassTransfer	
Springfield Technical Community College AS in Biotechnology Transfer Pathway to Westfield State University BS in Biology with Biotechnology concentration		
<i>* Denotes Community College MassTransfer Block requirement</i>		
<i>Denotes WSU Biology and Biotechnology concentration major requirement</i>		
<i>To earn the bachelor's degree, a minimum of 30 credits must be completed at WSU.</i>		

Associate's Degree Requirements:		Bachelor's Degree Requirements:	
Courses	Credits	Courses	Credits
ENG 101/ec English Composition I *	3	ENGL 0101 English Composition I	3
ENG 102/ec English Composition II *	3	ENGL 0101 English Composition II	3
MAT 131/ma Calculus I*	4	Math 0105 Calculus I	4
BIO 201&201L/ls Biology I *	4	BIOL 0129 Intro to Molecular, Cellular, & Develop Bio	4
BIO 202&202L/ls Biology II *	4	BIOL 0128 Intro to Organismal, Ecological, & Evolut Bio	4
PSY 101/ss Introductory Psychology *	3	PSYC 0101 Introduction to Psychology	3
ENG 105/hs Fundamentals of Oral Communication *	3	ENGL 0103 Speech	3
Humanities/hu - Fine Arts (see below for options) *	3	Core Requirement	3
Social Science Elective/ss *	3	Core Requirement	3
STEM MassTransfer Block total	30		30
Additional Requirements & General Electives:			
CHM 111 & 111L General Chemistry I	4	CHEM 0109 General Chemistry I	4
CHM 112 & 112L General Chemistry II	4	CHEM 0111 General Chemistry II	4
BIO 114 Biochemistry	3	Elective Credit	3
BIO 164 & 164L Intro to Biotechnology	4	BIOL Elective Credit	4
BIO 235 & 235L Microbiology	4	BIOL 0223 Microbiology	4
BIO 263 & 263L Genetics	4	BIOL 0203 Genetics	4
BTC 264 & 264L Biotechnology	4	Elective Credit	4
BIO 265 & 265L Cell Biology	4	BIOL 0205 Cell Biology	4
MAT 115/ma Statistics	3	MATH 0108 Statistics	3
MAT 132/ma Calculus II	4	MATH 0106 Calculus II	4
CMP 106 Computer Basics	3	CAIS 0124 The Personal Computer	3
Social Science Elective(Strongly Recommended) *	3	Core Requirement	3
Humanities Elective (Strongly Recommended)* (see options below)	3	Core Requirement	3
	47		47
		Required Core & Elective Courses at WSU:	
		BIOL 0180 Intro Seminar in Biology	1
		BIOL 0278 Biostatistics	3
		CHEM 0201 Organic Chemistry I	4
		CHEM 0203 Organic Chemistry II	4
		CHEM 0315 Biochemistry with Lab	4
		PHSY 0125 General Physics I	4
		BIOL 03XX Drug Development	3
		BIOL 0281 Seminar: Practices and Policies in Biotech	1
		BIOL 0319 Immunology with Lab	4
		BIOL 0377 Research Experience in Biotechnology	3
		BIOL 0377 Computational Biology	3
		BIOL 0380 Senior Seminar - Biotechnology	1
		BIOL 0377 Biology Elective	3
		BIOL XXXX Biotechnology Internship	3
		General Electives:	2
		MassTransferBlock plus 12 requirements (Advisor will give list of qualifying elective credits)	
		<i>WSU credit total</i>	43
Associate's degree credit total:	77	Bachelor's degree credit total:	120

Fine Arts: Choose any 3 credit Art, Theatre, Music course that fulfills MassTransfer or one of the following: FAS 156, FAS 173, MUS 141, MUS 145
Social Science or Behavioral Science: Choose any 3 credit social science course that fulfills MassTransfer Block or one of the following: HIS 121, HIS 122, SOC 101 SOC 216, SOC 219
Humanities suggestions: PHL 110, ENG 230, ENG 231, ENG 308

Articulation Agreement Signature Page

**Springfield Technical Community College & Westfield State University
For AS in Biotechnology Transfer Pathway**

Approved by:

Springfield Technical Community College

Westfield State University



Dr. John B. Cook
President



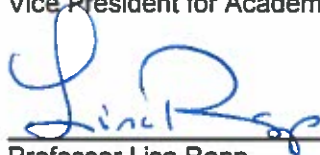
Dr. Ramon S. Torrecilha
President



Dr. Geraldine de Berly
Vice President for Academic Affairs



Dr. Diane Prusank
Provost/Vice President for Academic Affairs



Professor Lisa Rapp
Chair of the Biotechnology Program



Dr. Jennifer A. Hanselman
Dean, College of Mathematics & Science



Matthew Gravel
Dean of Academic Initiatives



Professor David Christensen
Chair of the Biology Department



Angela Kmon
Transfer Transition Advisor / Articulation Coordinator