

**Transfer Articulation Agreement
between
STATE UNIVERSITY OF NEW YORK
COLLEGE OF AGRICULTURE AND TECHNOLOGY AT COBLESKILL
and
SCHENECTADY COUNTY COMMUNITY COLLEGE**

December 2017

This agreement establishes procedures to promote the easy transition of associate degree graduates in Biotechnology at Schenectady County Community College (SCCC) to the Biotechnology Bachelor of Science program at the State University of New York College of Agriculture and Technology at Cobleskill (SUNY Cobleskill).

Objectives of the Agreement

1. To provide a transfer path to qualified SCCC graduates who want to enhance their education and careers by pursuing a bachelor's degree.
2. To assist academic advisors with pertinent academic information for students who wish to continue their education in an upper-division program.
3. To attract qualified students to SCCC and SUNY Cobleskill.
4. To facilitate the exchange of information between faculty and administrators in order to improve these programs and streamline the transfer process.

Terms of the Agreement

1. Students from SCCC, who graduate with an associate degree in Biotechnology or Biological Technician, with the courses outlined in Addendums A or B and a minimum 2.25 cumulative grade point average, will be guaranteed admission into the Biotechnology BS program at SUNY Cobleskill with full junior status.
2. Transfer students must complete and file the SUNY Admissions Application indicating transfer to SUNY Cobleskill prior to November 15 for spring semester entry and prior to May 15 for fall semester entry.
3. Courses satisfying major field requirements and ENG 101 must have C- grades or higher to be accepted for transfer credit.
4. Students who do not meet the requirements of this agreement will also be considered for admission. This may include students who successfully complete courses in the Biotechnology and Biological Technician degrees but have not graduated from either degree. They will be evaluated on an individual basis.

Review and Revision of the Agreement

This agreement will be reviewed when substantial changes are made in the curriculum on either campus. At the request of either party, a review of the Transfer Articulation Agreement will be conducted by both institutions.

Termination

This articulation agreement shall remain in force from December 2017, on which it is signed, until such time as either institution elects to terminate it. Termination by either institution will be announced with sufficient anticipation to assure any students enrolled at the community college the opportunity to be admitted to SUNY Cobleskill under its terms.

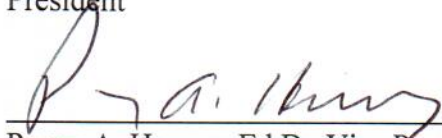
Effective Date and Signatures

This articulation will become effective December 2017, upon acceptance of Agreement with appropriate signatures.

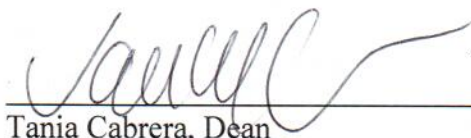
SCHENECTADY COUNTY
COMMUNITY COLLEGE



Steady Moono, Ed.D.
President



Penny A. Haynes, Ed.D., Vice President of
Academic Affairs and Student Affairs and Provost



Tania Cabrera, Dean
Division of Math, Science, Technology and Health

SUNY COBLESKILL



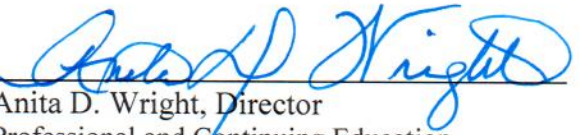
Marion A. Terenzio, Ph.D.
President



Susan J. Zimmermann, Ph. D., Provost
and Vice President for Academic Affairs



Jeffrey M. Anderson, Ph.D., Dean
School of Business and Liberal Arts and Sciences



Anita D. Wright, Director
Professional and Continuing Education

**SCHENECTADY COUNTY COMMUNITY COLLEGE
BIOTECHNOLOGY - AS**

TO

**STATE UNIVERSITY OF NEW YORK AT COBLESKILL
BIOTECHNOLOGY - BS**

ADDENDUM A

	Schenectady CCC Course			Cobleskill Equivalent	
ENG 123	English Composition	3*	ENGL 101	LA (GE CM) – Composition I	3
ENG 124	Literature & Writing	3*	ENGL 121	LA (GE HU) – Readings in Literature	3
BIO 141	Biology I	4*	BIOL 111/111X	MF (GE SC) – Biology I & lab	4
BIO 142	Biology II	4	BIOL 112/112X	MF (GE SC) – Biology II & lab	4
BIO 241	Microbiology	4	BIOL 219/219X	MF – Microbiology & Lab	4
BIO 261	Cell and Molecular Biology	4	BIOL 375/375X	MF – Cell Biology & lab	4
BIO 263	Biotechnology Techniques	3	BIOL 290C	EL – Special Projects	3
CHM 121	General Chemistry I	4	CHEM 111/111X	MF (GE SC) - Chemistry I & lab	4
CHM 122	General Chemistry II	4	CHEM 112/112X	MF (GE SC) - Chemistry II & lab	4
CHM 228	Organic Chemistry I	5	CHEM 231/231X	MF – Organic Chemistry I & lab &	5
CHM 229	Organic Chemistry II	5	CHEM 232/232X	EL – Organic Chemistry II	5
MAT 147 or MAT 167	Statistics or Pre-calculus	3* or 4	MATH 125 or MATH 131	LAS – (GE MA) Statistics or LAS – (GE MA) Pre-Calculus	3 or 4
MAT 180	Calculus	4	MATH 231	LAS – Calculus	4
	Social Science Elective - Course to satisfy SUNY Social Science Gen. Ed.	3*	<i>Equivalent course</i>	LAS (GE SS) <i>Equivalent course</i>	3
	Restricted Gen. Ed. Elective - Course to satisfy SUNY Am. Hist, Western Civ., Other World Civ., Arts or Foreign Lang.	3*	<i>Equivalent course</i>	LAS (GE AH, WC, WO, AR or FL) - <i>Equivalent course</i>	3
	Restricted Gen. Ed. Elective - Course to satisfy a SUNY GE category not already fulfilled.	3*	<i>Equivalent course</i>	LAS (GE AH, WC, WO, AR or FL) - <i>Equivalent course</i>	3
	General Education Elective	3	<i>Equivalent course</i>	LAS (GE any category) – <i>Equivalent course</i>	3

The credits from the courses above in the Biotechnology - AS program, will transfer to the Biotechnology - BS degree in the following categories:

Major Field Requirements	29
Major Technical Electives	0
Liberal Arts & Sciences Requirements	25-26
General Electives	8
TOTAL CREDITS TRANSFERRED	62-63

*30 Credits of SUNY General Education requirements are satisfied in seven categories.

**SCHENECTADY COUNTY COMMUNITY COLLEGE
BIOTECHNOLOGY - AS
TO
STATE UNIVERSITY OF NEW YORK AT COBLESKILL
BIOTECHNOLOGY - BS**

62-63 credits will transfer to the 120 credit requirement in the Biotechnology BS degree.

57-58 credits of the following coursework will need to be satisfied:

Major Field Requirements – 20 Credits including the following:

BIOL 364/364X	Biotechnology	4
BIOL 405	Theory/Methods in Biotech	4
BIOL 410	Molecular Genetics	3
BIOL 480	Internship in Biotech or 6 credits of the following: BIOL305, BIOL320, BIOL390, BIOL420, BIOL425, BIOL/CHEM325, ENVR350	6
CHEM 351	Biochemistry	3

Major Technical Electives – 9 credits chosen from the following:

AGRN 312, AGRN 350, AGRN 362, AGSC 186, AGSC 227, AGSC 281, ANSC 209,
ANSC 330, ANSC 430, BIOL 116, BIOL 117, BIOL 258, BIOL 259, BIOL 305/PHIL 305,
BIOL 320, BIOL 390, BIOL/CHEM 395, BIOL 420, BIOL 425, CHEM 244, CHEM 316,
FWLD 115, MATH 225, ORHT 251, ORHT 281, ORHT 329, and ORHT 356

Liberal Arts & Sciences – 4-5 Credits in the following:

Additional Liberal Arts & Sciences	4-5
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General Electives – 24 credits including:

PHED Physical Education	1
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**SCHENECTADY COUNTY COMMUNITY COLLEGE
BIOLOGICAL TECHNICIAN - AAS**

TO

**STATE UNIVERSITY OF NEW YORK AT COBLESKILL
BIOTECHNOLOGY - BS**

ADDENDUM B

Schenectady CCC Course			Cobleskill Equivalent		
FYS 100	First Year Seminar	1	FFCS 101	EL - Foundations for College Success	1
ENG 123	English Composition	3*	ENGL 101	LAS (GE CM) – Composition I	3
ENG 211	Technical Writing	3	COMM 301	LAS – Technical Communication	3
MAT 154 or higher	College Algebra and Trigonometry or higher	3	MATH 112	EL (GE MA) – College Algebra and Trigonometry or higher	3
MATH 147	Statistics	3*	MATH 125	LAS (GE MA) - Statistics	3
CIS 221	Advanced Computer Applications	3	CITA 110	EL – Microcomputer Applications	3
CHM 121	General Chemistry I	4	CHEM 111/111X	MF (GE SC) - Chemistry I & lab	4
CHM 140	General Biochemistry	4	CHEM 1XX	EL - Biochemistry	4
BIO 141	Biology I	4*	BIOL 111/111X	MF (GE SC) – Biology I & lab	4
BIO 142	Biology II	4	BIOL 112/112X	MF (GE SC) – Biology II & lab	4
BIO 149	Intro. to Biotechnology	3	BIO 110	EL – Special Topics in Biotech.	3
BIO 170 & BIO 171	Tissue Culture & Recombinant DNA Techniques	2 2	BIO 2XX	EL – Tissue Culture & Recombinant DNA Techniques	4
BIO 174 & BIO 173	Immunohistochemistry & Principles of Immunology	2 3	BIOL 290 C & BIOL 1XX	EL – Special Projects in Biology EL – Immunology	3 2
BIO 172	General Toxicology	4	BIOL 320/320X	MTE – Environmental Toxicology w/lab	4
BIO 241	Microbiology	4	BIOL 219/219X	MF – Microbiology & Lab	4
BIO 261	Cell and Molecular Biology	4	BIOL 375/375X	MF – Cell Biology & lab	4
	Humanities Elective- A Course from the following which satisfy different Gen Ed categories: Am. His., West. Civ., The Arts, Other World Civ. or For. Lang.	3*	<i>Equivalent course</i>	LAS (GE) - <i>Equivalent Course</i>	3
	Social Science Elective - Course to satisfy SUNY Social Science Gen. Ed.	3*	<i>Equivalent course</i>	LAS (GE SS) <i>Equivalent course</i>	3

The credits from the courses above in the Biological Technician - AAS program, will transfer to the Biotechnology - BS degree in the following categories:

Major Field Requirements	20
Major Technical Electives	4
Liberal Arts & Sciences Requirements	15
General Electives.....	23
TOTAL CREDITS TRANSFERRED	62

27 Credits of SUNY General Education requirements are satisfied in *five categories.

**SCHENECTADY COUNTY COMMUNITY COLLEGE
BIOLOGICAL TECHNICIAN - AAS**

TO

**STATE UNIVERSITY OF NEW YORK AT COBLESKILL
BIOTECHNOLOGY - BS**

62 credits will transfer to the 120 credit requirement in the Biotechnology BS degree.

58 credits of the following coursework will need to be satisfied:

Major Field Requirements – 29 credits including the following:

BIOL 364/364X	Biotechnology	4
BIOL 405	Theory/Methods in Biotech	4
BIOL 410	Molecular Genetics	3
BIOL 480	Internship in Biotech or 6 credits of the following:	6
	BIOL305, BIOL320, BIOL390, BIOL420, BIOL425, BIOL/CHEM325, ENVR350	
CHEM112/112X	Chemistry II	4
CHEM231/231X	Organic Chemistry I	5
CHEM 351	Biochemistry	3

Major Technical Electives – 5 credits chosen from the following:

AGRN 312, AGRN 350, AGRN 362, AGSC 186, AGSC 227, AGSC 281, ANSC 209,
ANSC 330, ANSC 430, BIOL 116, BIOL 117, BIOL 258, BIOL 259, BIOL 305/PHIL 305,
BIOL 390, BIOL/CHEM 395, BIOL 420, BIOL 425, CHEM 244, CHEM 316, FWLD 115,
MATH 225, ORHT 251, ORHT 281, ORHT 329, and ORHT 356

Liberal Arts & Sciences – 15 credits including the following:

MATH	Higher than MATH 125	3
Additional Liberal Arts & Sciences		12

General Electives - 9 credits including:

PHED	Physical Education	1
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30 credits of SUNY General Education courses are required in seven different categories.
