

# MEMORANDUM OF UNDERSTANDING

BETWEEN

STATE UNIVERSITY OF NEW YORK AT COBLESKILL  
Bachelor of Science in Biotechnology

AND

SUNY BUFFALO STATE  
Master of Science in Forensic Science

June 2018

## I. General Statement of Purpose

This document establishes a formal Memorandum of Understanding between the SUNY Cobleskill's Bachelor of Science in Biotechnology degree program and SUNY Buffalo State's Master of Science in Forensic Science degree program.

The purpose is to facilitate the admission of qualified SUNY Cobleskill Bachelor of Science in Biotechnology degree recipients into SUNY Buffalo State's Master of Science in Forensic Science degree program.

## II. Requirements and Terms

- A. Students must earn a cumulative GPA of 2.75 or above at the time of application to the graduate program, and maintain an overall GPA of 2.75 or above at the time of completion and graduation from the Bachelor of Science in Biotechnology degree program with a minimum GPA in the required chemistry and biology coursework of 2.9.
- B. Students will receive a minimum grade of "C" or better on all required courses for the Bachelor of Science in Biotechnology degree program at SUNY Cobleskill, resulting in a cumulative GPA of 2.75 or higher.
- C. Completion of the Bachelor of Science in Biotechnology degree program at SUNY Cobleskill.
- D. Students will meet the academic requirements for admission including specific coursework as outlined on the attached guide sheets, including the following coursework: one year of general chemistry, one year of organic chemistry with laboratory, a course in analytical chemistry, one year of general biology (including cell biology), a course in genetics or population genetics, and a course in either molecular biology or biochemistry. The course in analytical chemistry must be equivalent to Buffalo State's CHE 301 Analytical Chemistry. Applicants with a CHE 301 deficiency may be admitted contingent on taking the CHE 501 Quantitative Chemical Analysis course during first semester of coursework.
- E. Completion of the admissions application for SUNY Buffalo State's Master of Science in Forensic Science program.

- F. Students will provide SUNY Buffalo State with a final transcript listing degree posted and cumulative GPA for the Bachelor of Science in Biotechnology degree program.

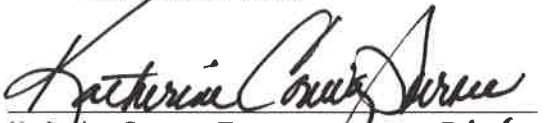
### III. Benefits and Advantages

Admission to SUNY Buffalo State's Master of Science in Forensic Science degree program provides students with outstanding academic and practical training opportunities including data analysis to prepare for opportunities in cutting-edge forensic science related careers.


### IV. Review and Revision of this Memorandum of Understanding

This agreement will be reviewed every two years in May, starting with the year of inception. Should either party desire to terminate this agreement, notification will be given to the other party, in writing, not less than six months prior to the proposed date of termination. Students enrolled in the program at the time of termination will be permitted to complete their degree program.


SUNY BUFFALO STATE

  
Katherine Conway-Turner  
President  
7/2/18

  
Melanie L. Perreault  
Provost and VP for Academic Affairs  
7/2/18

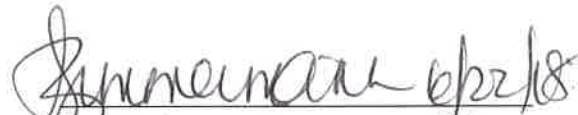
  
Mark Severson  
Dean, School of Natural and Social Sciences  
7/2/18

  
Kevin J. Miller  
Dean, Graduate School  
7/2/18

  
M. Scott Goodman  
Chair and Professor, Chemistry Department  
7/2/18

SUNY COBLESKILL

  
Marion A. Terenzio  
President  
6/20/18

  
Susan J. Zimmermann  
Provost and VP for Academic Affairs  
6/22/18

GUIDE SHEET  
FOR  
MEMORANDUM OF UNDERSTANDING  
BETWEEN  
STATE UNIVERSITY OF NEW YORK AT COBLESKILL  
**Bachelor of Science in Biotechnology**  
AND  
SUNY BUFFALO STATE  
**Master of Science in Forensic Science**

SUNY Cobleskill Course Sequence (120 Total Credits)

SEMESTER 1		SEMESTER 2	
ENGL 101 Composition I	3	BIOL 112 Biology II	3
MATH 125 Statistics (or higher)	3	BIOL 112X Biology II Lab	1
BIOL 111 Biology I	3	CHEM 112 General Chemistry II	3
BIOL 111X Biology I Lab	1	CHEM 112X General Chemistry II Lab	1
CHEM 111 General Chemistry I	3	MATH 125 Statistics (or higher)	3
CHEM 111X General Chemistry I Lab	1	Anything from Liberal Arts and Sciences	3
FFCS 199 Foundations for College Success	1	General Elective	3
<b>TOTAL CREDITS</b>	<b>15</b>	<b>TOTAL CREDITS</b>	<b>17</b>
SEMESTER 3		SEMESTER 4	
BIOL 219 Microbiology	3	CHEM 351 Biochemistry	3
BIOL 219X Microbiology Lab	1	Liberal Arts and Sciences – CHEM 232 Organic Chemistry II with Lab – CHEM 232X (5 credits) required	6
CHEM 231 Organic Chemistry I	3	General Elective	7
CHEM 231X Organic Chemistry I Lab	2		
Technical Elective	3		
Anything from PHED	1		
Liberal Arts and Sciences	3		
<b>TOTAL CREDITS</b>	<b>16</b>	<b>TOTAL CREDITS</b>	<b>16</b>
SEMESTER 5		SEMESTER 6	
BIOL 375 Cell Biology	3	BIOL 364 Biotechnology	2
BIOL 375X Cell Biology Lab	1	BIOL 364 X Biotechnology Lab	2
Liberal Arts and Sciences – CHEM 244 Instrumental Analysis with Lab CHEM 244X (4 credits) required	9	General Elective – CHEM 110 Forensic Science with Lab CHEM 110X (3 credits)	9
Technical Elective	3		
<b>TOTAL CREDITS</b>	<b>16</b>	<b>TOTAL CREDITS</b>	<b>13</b>
SEMESTER 7		SEMESTER 8	
BIOL 405 Theory/Methods in Biotechnology	3	BIOL 480 Internship in Biotechnology	6
BIOL 405X Theory/Methods in Biotechnology Lab	1	General Elective	6
Liberal Arts and Sciences	3		
BIOL 410 Molecular Genetics	3		
General Elective	5		
<b>TOTAL CREDITS</b>	<b>15</b>	<b>TOTAL CREDITS</b>	<b>12</b>