

## Articulation Agreement

Herkimer County Community College  
Liberal Arts and Sciences:  
Science (A.S.)

SUNY Plattsburgh  
Chemistry (B.S.)

Spring, 2016

### THE AGREEMENT

This articulation agreement is intended to facilitate the transfer of graduates from Herkimer County Community College's Associate in Science (A.S.), Liberal Arts and Sciences: Science program to SUNY Plattsburgh's Bachelor of Science (B.S.), Chemistry program.

### OBJECTIVES

1. To attract qualified students to Herkimer County Community College and SUNY Plattsburgh.
2. To facilitate upward educational career mobility in chemistry.
3. To promote the efficient transfer of qualified students from Herkimer County Community College to SUNY Plattsburgh.
4. To disseminate program specific information to students who wish to obtain a baccalaureate degree in chemistry.
5. To provide students with advisement in academic and career planning throughout their program of study.
6. To reduce the completion of unnecessary courses.
7. To facilitate communication and academic coordination between faculty, students and administrators at each institution.

### TERMS AND CONDITIONS

1. A graduate of Herkimer County Community College's Associate in Science (A.S.), Liberal Arts and Sciences: Science program, will be accepted into SUNY Plattsburgh's Bachelor of Science (B.S.), Chemistry program, upon meeting the following conditions:
  - a. Apply for admission to SUNY Plattsburgh.
  - b. Achieve a minimum over-all cumulative grade point average of 2.0.
2. SUNY Plattsburgh will accept up to 67 Herkimer County Community College transfer credits.
3. A Bachelor of Science with the major in Chemistry will be awarded upon meeting the following:
  - a. Satisfactory completion of a minimum of 120 credit hours.
  - b. A minimum grade point average of 2.0.

- c. A minimum grade of “C” in Written Expression (Herkimer’s EN111).
  - d. A minimum overall GPA of 2.67 in all chemistry (CHE) courses, not including cognate courses.
  - e. A minimum of 45 credit of upper-division, 300-400 level courses, with 21 of the upper-division credits being completed in residence at Plattsburgh!
  - f. The departmental residency requirement is a minimum of 18 major chemistry (CHE) credits completed at Plattsburgh.
  - g. The residency requirement is 36 credit hours completed at Plattsburgh.
  - h. Completion of 60 credits in liberal arts for the Bachelor of Science.
  - i. Completion of general education.
  - j. Completion of all major requirements.
  - k. Students must complete 30 of their last 36 credits in residence.
4. Herkimer County Community College and SUNY Plattsburgh will disseminate information about this articulation agreement.
  5. Changes in this agreement can be made at any time by mutual consent.
  6. This agreement will remain in effect for three years. The agreement can be terminated by either party prior to this date. Termination would require a minimum of six months notification.

Herkimer County Community College  
 Liberal Arts and Sciences: Science –  
 Associate in Science (A.S.)

<u>Catalog#</u>	<u>Course Title</u>	<u>Credit Hours</u>
<b>1<sup>st</sup> Year</b>		
<b>1<sup>st</sup> Semester</b>		
EN111	English I – College Writing	3
FS105	First Yr Student Sem- Science	1
	Laboratory Science Electives	8
	Mathematics Elective	3-4
	Social Science Elective	<u>3</u>
	Total Credit Hours:	18-19
<b>2<sup>nd</sup> Semester</b>		
EN112	English II – Intro to Lit	3
	Laboratory Science Electives	8
	Mathematics Elective	3-4
	Western Civilization Elective	<u>3</u>
	Total Credit Hours:	17-18
<b>2<sup>nd</sup> Year</b>		
<b>3<sup>rd</sup> Semester</b>		
	Laboratory Science Elective	4
	Arts Elective	3
	Mathematics OR Science Elective	3-4

Elective	3
Physical Education Activity	<u>1</u>
Total Credit Hours:	14-15

#### 4<sup>th</sup> Semester

Laboratory Science Elective	4
Humanities Elective	3
Mathematics OR Science Elective	3-4
Elective	3-4
Physical Education Activity	<u>1</u>
Total Credit Hours:	14-16

Total Credit Hours:	63-68
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### SUNY Plattsburgh Recommendation

The Herkimer County Community College program requires courses which meet 7 of the 10 SUNY General Education competencies and a minimum of 30 credits of general education coursework. The SUNY General Education requirements on the SUNY Plattsburgh program are satisfied.

### Herkimer Courses Required:

SC153	General Chemistry I (4 cr.)
SC154	General Chemistry II (4 cr.)
SC225	Organic Chemistry I (4 cr.)
SC226	Organic Chemistry II (4 cr.)
SC233	Calculus Physics I (4 cr.)
SC234	Calculus Physics II (4 cr.)
MA245	Calculus I (4 cr.)
MA246	Calculus II (4 cr.)

### Course Equivalencies:

<u>Herkimer County Community College</u>		<u>SUNY Plattsburgh</u>	
SC153	General Chemistry I	CHE111	Fund Prin of Chemistry I
SC154	General Chemistry II	CHE112	Fund Prin of Chemistry II
SC225	Organic Chemistry I	CHE241	Organic Chemistry I
SC226	Organic Chemistry II	CHE242	Organic Chemistry II
EN11	English I - College Writing	ENG101	College Writing II
MA245	Calculus I	MAT224	Calculus I
MA246	Calculus II	MAT225	Calculus II
SC233	Calculus Physics I	PHY111	General Physics I
SC234	Calculus Physics II	PHY112	General Physics II

## Courses to be completed at SUNY Plattsburgh:

### General Education

Students enrolling at SUNY Plattsburgh with 7 of the 10 SUNY General Education areas completed and have at least 30 SUNY General Education credits, will have satisfied the SUNY General Education portion of their Plattsburgh degree requirements. The only remaining General Education course needed will be the Plattsburgh requirement of Global Issues.

	<u>Credit Hours</u>
Global Issues	3

### SUNY Plattsburgh

#### Major Requirements – Chemistry (B.S.)

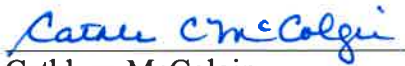
<u>Catalog#</u>	<u>Course Title</u>	<u>Credit Hours</u>
<b>A. Departmental Requirements:</b>		
CHE111	Fundamental Principles of Chemistry I	(HCCC's SC153)
CHE112	Fundamental Principles of Chemistry II	(HCCC's SC154)
CHE241	Organic Chemistry I	(HCCC's SC225)
CHE242	Organic Chemistry II	(HCCC's SC226)
CHE321	Analytical Chemistry	5
CHE391	Written & Oral Reports	3
CHE401	Biochemistry	3
CHE421	Advanced Analytical Chemistry (Instrumental)	4
CHE430	Inorganic Chemistry I	4
CHE431	Inorganic Chemistry II	4
CHE455	Physical Chemistry I	4
CHE456	Physical Chemistry II	4
CHE391	Chemistry Seminar	1
CHE495	Undergraduate Research	3
<b>B. Cognate Requirements</b>		
MAT224	Calculus I	(HCCC's MA245)
MAT224	Calculus II	(HCCC's MA246)
PHY111	General Physics I	(HCCC's SC233)
PHY112	General Physics II	(HCCC's SC234)

#### CREDITS REMAINING AT PLATTSBURGH

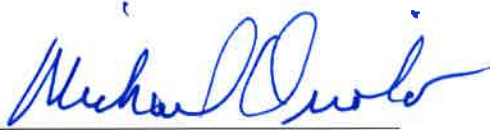
Departmental Requirements	35
Plattsburgh General Education	3
Electives	<u>19</u>
TOTAL	57

Approved By:

Herkimer County Community  
College



Cathleen McColgin,  
President

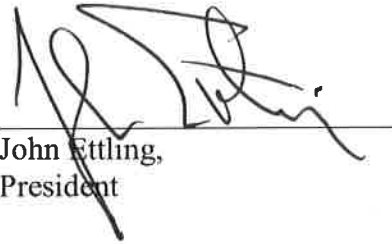


Michael Oriolo,  
Provost

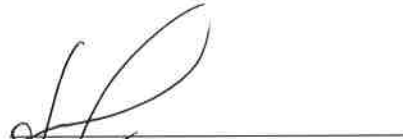


Alan Cronauer,  
Associate Dean for Academic  
Affairs

SUNY Plattsburgh



John Ettling,  
President

  
James Liszka,  
Provost and Vice President for  
Academic Affairs

JoAnn Gleeson-Kreig,  
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Academic Affairs



Andrew Buckser,  
Dean of the School of Arts  
and Sciences



Neil Buckley,  
Chairperson of the Biology and  
Chemistry Departments

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