

## Articulation Agreement

Suffolk County Community College  
Liberal Arts and Sciences:  
Science Emphasis (A.S.)  
Chemistry Option

SUNY Plattsburgh  
Chemistry (B.A.)

Fall, 2016

### THE AGREEMENT

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

SUNY Plattsburgh's Chemistry Department is accredited by the Committee on Professional Training of the American Chemical Society (ACS).

### OBJECTIVES

1. To attract qualified students to Suffolk 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 Suffolk 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 Suffolk County Community College's Associate in Science (A.S.), Liberal Arts and Sciences: Science Emphasis, Chemistry Option, will be accepted into SUNY Plattsburgh's Bachelor of Arts (B.A.), 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.

- c. A minimum overall GPA of 2.0 in all chemistry courses.
2. SUNY Plattsburgh will accept up to 67 Suffolk County Community College transfer credits.
3. A Bachelor of Arts 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 standard freshman composition (Suffolk's ENG101).
  - d. A minimum overall GPA of 2.00 in all chemistry (CHE) courses.
  - e. Chemistry majors will be advised to repeat any course in which they received a grade below a "C."
  - f. 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.
  - g. The departmental residency requirement is a minimum of 18 major (CHE) credits completed at Plattsburgh.
  - h. The residency requirement is 36 credit hours completed at Plattsburgh.
  - i. Completion of 60 credits in liberal arts for a Bachelor of Science.
  - j. Completion of general education.
  - k. Completion of all major requirements.
  - l. Students must complete 30 of their last 36 credits in residence.
4. Suffolk 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.

Suffolk County Community College  
 Liberal Arts and Sciences: Science Emphasis  
 Associate in Science (A.S.)  
 Chemistry Option

Catalog#	Course Title	Credit Hours
<b>First Semester: 15 credits</b>		
CHE133	College Chemistry I	4
COL101	College Seminar	1
ENG101	Standard Freshman Composition	3
	Humanities Elective	3
	Social Science Elective	3
	Physical Education	1

<b>Second Semester: 17 credits</b>		
CHE134	College Chemistry II	4
ENG102	Introduction to Literature	3
	Humanities Elective	3
MAT141	Calculus with Analytical Geometry I	4
	Social Science Elective	3

<b>Third Semester: 17 credits</b>		
CHE250	Organic Chemistry I	5
	Humanities Elective	3
MAT142	Calculus with Analytical Geometry II	4
PHY130/132	Physics I	4
	Physical Education	1

<b>Fourth Semester: 18-20 credits</b>		
CHE251	Organic Chemistry II	5
	History Elective	3
	2 Liberal Arts and Science Electives	6-8
PHY230/232	Physics II	4

**TOTAL CREDITS REQUIRED: 67-69**

History elective to be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119 or HIS120.

This A.S. degree program requires courses that meet 7 of the 10 SUNY General Education competencies and a minimum of 30 credits of general education coursework.

### Course Equivalencies:

<u>Suffolk County Community College</u>		<u>SUNY Plattsburgh</u>	
CHE133	College Chemistry I	CHE111	Fund Prin of Chemistry I
CHE134	College Chemistry II	CHE112	Fund Prin of Chemistry II
CHE250	Organic Chemistry I	CHE241	Organic Chemistry I
CHE251	Organic Chemistry II	CHE242	Organic Chemistry II
ENG101	Standard Freshman Composition	ENG101	College Writing II
ENG102	Introduction to Literature	ENG195	Intro to Literary Study I
HIS101	Western Civilization I	HIS121	European Civ to 1815
HIS102	Western Civilization II	HIS122	European Civ since 1815
HIS103	Foundtns of American History	HIS101	U.S. Civil to 1877
HIS104	Modern American History	HIS102	U.S. Civil since 1877
HIS107	Modern World History	HIS132	Modern Global History
HIS118	Major World Cultures	HIS1xx	History Elective

HIS119	The Far Eastern World	HIS181	East Asian Civilization
HIS120	History of Religion	HIS1xx	History Elective
MAT141	Calculus with Anly Geometry I	MAT224	Calculus I
MAT142	Calculus with Anly Geometry II	MAT225	Calculus II
PHY130/132	Physics I	PHY111	General Physics I
PHY230/232	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 Chemistry Major Bachelor of Arts (B.A.)

<u>Catalog#</u>	<u>Course Title</u>	<u>Credit Hours</u>
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#### Major Departmental Requirements:

CHE111	Fundamental Principles of Chemistry I	(SCCC's CHE133)
CHE112	Fundamental Principles of Chemistry II	(SCCC's CHE134)
CHE241	Organic Chemistry I	(SCCC's CHE250)
CHE242	Organic Chemistry II	(SCCC's CHE251)
CHE321	Analytical Chemistry	5
CHE391	Written and Oral Reports	3
CHE421	Advanced Analytical Chemistry <b>or</b>	4
CHE430	Inorganic Chemistry I	
CHE455	Physical Chemistry I	4
CHE456	Physical Chemistry II	4
CHE491	Chemistry Seminar	1
	Total Major Departmental Credits Needed	21

**Cognate Requirements:**

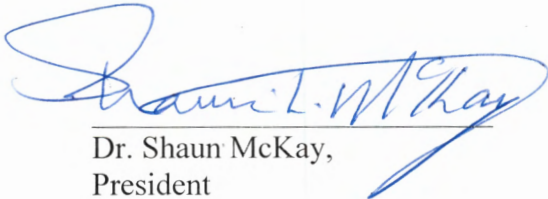
MAT224	Calculus I	(SCCC's MAT141)
MAT225	Calculus II	(SCCC's MAT142)
PHY111	General Physics I	(SCCC's PHY130/132)
PHY112	General Physics II	(SCCC's PHY230/232)

**CREDITS REMAINING AT PLATTSBURGH**


Plattsburgh General Education	3
Major Departmental Requirements	21
Electives (Upper-Division, 300-400 level)	<u>29</u>
TOTAL	53

Approved By:

Suffolk County Community  
College

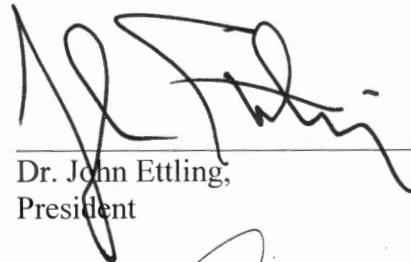


Dr. Shaun McKay,  
President

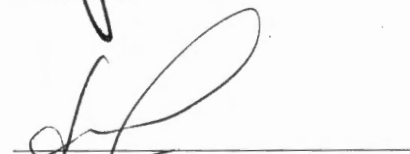


Dr. Suzanne Johnson,  
Vice President of Academic  
Affairs

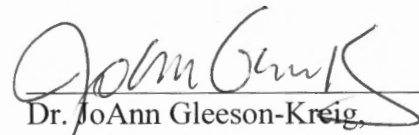
SUNY Plattsburgh



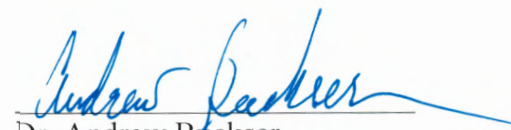
Dr. John Ettling,  
President



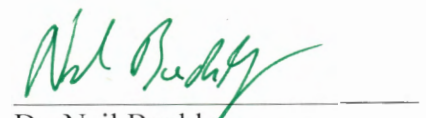
Dr. James Liszka,  
Provost and Vice President for  
Academic Affairs



Dr. JoAnn Gleeson-Kreig,  
Associate Vice President for  
Academic Affairs



Dr. Andrew Buckser,  
Dean of the School of Arts  
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Dr. Neil Buckley,  
Chairperson of the Biology and  
Chemistry Departments