

# ARTICULATION AGREEMENT

**Agreement Initiated by:** The College of Staten Island

## A. SENDING AND RECEIVING INSTITUTIONS

Sending College: Kingsborough Community College  
Department: Physical Sciences  
Program: Earth and Planetary Sciences  
Degree: A.S.

Receiving College: The College of Staten Island  
Department: Engineering Science and Physics  
Program: Earth and Environmental Science  
Degree: B.S.

## B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

- 2.0 overall GPA – per A.A.S./A.S./A.A. graduation requirement.

Total transfer credits granted toward the baccalaureate degree: 60

Total additional credits required at the senior college to complete baccalaureate degree: 60

**C. COURSE TO COURSE EQUIVALENCIES AND TRANSFER CREDIT AWARDED**

Sending College		Receiving College Equivalent		Credit Granted
Requirement & Title	Cr.	Requirement & Title	Cr.	
<i>General Education Requirements</i>				
ENG 1200	3	ENG 111 Introduction to College Writing	3	3
ENG 2400	3	ENG 151 College Writing	3	3
Mathematical and Quantitative Reasoning MAT 1500 Calculus I	4	Mathematical and Quantitative Reasoning MTH 231 Analytical Geometry and Calculus I (MTH 129 Calculus Computer Laboratory)	3 (1)	3 (1)
Life and Physical Sciences EPS 3800 Introduction to Earth Science	4	Life and Physical Sciences GEO 100 Planet Earth (GEO 101 Planet Earth Laboratory)	3 (1*)	3 (1)
World Cultures and Global Issues	3	World Cultures and Global Issues	3	3
U.S. Experience in its Diversity	3	U.S. Experience in its Diversity	3	3
Creative Expression	3	Creative Expression	3	3
Individual and Society	3	Individual and Society	3	3
Scientific World PHY 1100 General Physics I EPS 3500 Introduction to Astronomy	4 4	Scientific World PHY 116 Physics I AST 102 Contemporary Theories of the Universe (AST 103 Galactic Laboratory)	4 3 (1*)	4 3 (1)
<b>SUBTOTAL</b>	<b>34</b>	<b>SUBTOTAL</b>	<b>31+(3)</b>	<b>31 + (3)</b>
<i>Degree Requirements</i>				
MAT 1600 Calculus II	4	MTH 232 Analytical Geometry and Calculus II	3 + (1)	3 + (1)
CHM 1100 General Chemistry I	4	CHM 141 General Chemistry I CHM 121 General Chemistry I Laboratory	3 1	3 1
EPS 3300 Physical Geology	4	GEO 115 Fundamentals of Physical Geology GEO 116 Fundamentals of Physical Geology Laboratory	3 1	3 1
EPS 3100 Meteorology	4	ESC 110 Meteorology and Climate ESC 111 Meteorology and Climate Laboratory	3 1	3 1
EPS 3200 Oceanography	4	BIO 230 Marine Biology and Oceanography	4	4
EPS 3600 Planetology	4	AST/GEO 230 Planetary Geology (Earth and Environmental Science elective)	3 + (1)	3 + (1)
<b>SUBTOTAL</b>	<b>24</b>	<b>SUBTOTAL</b>	<b>22+(2)</b>	<b>22+(2)</b>
<i>Electives</i>				
Elective	2	Electives	2	2
<b>SUBTOTAL</b>	<b>2</b>	<b>SUBTOTAL</b>	<b>2</b>	<b>2</b>
<b>TOTAL = 60</b>				<b>TOTAL =60</b>

\*Counts towards College Option

**D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE**

<b>Course and Title</b>	<b>Credits</b>
<i>Prerequisite and Major Courses</i>	
CHM 142 General Chemistry II	3
CHM 127 General Chemistry II Laboratory	1
BIO 170 General Biology I	3
BIO 171 General Biology I Laboratory	1
BIO 180 General Biology II	3
BIO 181 General Biology II Laboratory	1
PHY 120 General Physics I*	3
PHY 121 General Physics I Laboratory*	1
PHY 160 General Physics II	3
PHY 161 General Physics II Laboratory	1
GEO 102 Earth Systems History	3
GEO 103 Earth Systems History Laboratory	1
GEO 210 Earth Materials	4
GEO 212 Sedimentology and Stratigraphy	4
GEO 310 Geochemistry	4
GEO 450 Internship	4
GEO 315 Residential Field Course Or GEO 460 Capstone Research Seminar and Thesis Or GEO 410 Geospatial Data Analysis	4
Earth and Environmental Science Electives	8
<b>Subtotal</b>	<b>52</b>
<i>Electives</i>	
College Option	4**
Free Electives	6
<b>Subtotal</b>	<b>10</b>
<b>TOTAL</b>	<b>60</b>

\*PHY1100 is not a calculus based physics course, and therefore does not meet the prerequisite requirement for PHY 160

\*\*2 further College Option credits transfer for a total of 6 credits

**E. ARTICULATION AGREEMENT FOLLOW-UP PROCEDURES**

**1. Procedures for reviewing, up-dating, modifying or terminating agreement:**

Parties from both programs will discuss and agree upon any updates, modification or termination.

**2. Procedures for evaluating agreement, i.e., tracking the number of students who transfer under the articulation agreement and their success:**

Each program will maintain data on agreement outcomes, including the number of transfer students and their progress through the B.S. degree.

**3. Sending and receiving college procedures for publicizing agreement, e.g., college catalogs, transfer advisers, Websites, etc.:**

Agreement will be publicized in the CSI undergraduate catalog and information will be made available to advisors.

Effective Date: Fall 2015

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Dr. Fred Naider  
Senior VP for Academic Affairs and Provost  
College of Staten Island

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Dr. David Gomez  
Interim VP for Academic Affairs and Provost  
Kingsborough Community College

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Dr. Neo Antoniadis,  
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Dr. John Mikalopas  
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