

Transfer Articulation Agreement

Between

Passaic County Community College

and

Montclair State University

for the

A.S. degree in Science Programs

and the

B.S. and B.A. degrees in Sciences Programs

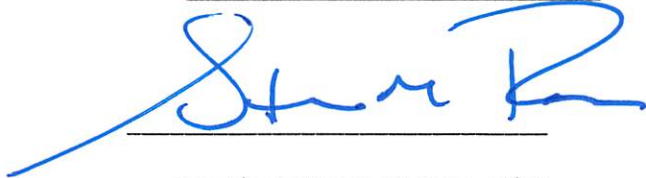
The intent of the Agreement is to facilitate the smooth transfer and transition of graduates from the Passaic County Community College into appropriate upper level programs. The successful implementation of the Agreement depends on the communication of its contents to all involved participants, and the assumption of responsibility by both institutions for such communication.

This agreement is based upon the completion of a Bachelor's degree in the approved transfer program or other program as identified in the Agreement.

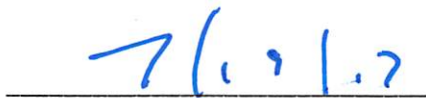
This agreement is in full compliance with the State of New Jersey's Full Faith and Credit Policy and the Transfer Advisory Board's Interpretive Statement of that policy.

The terms of the Agreement apply to those graduates as of May, 2017 and entering the upper level program after August, 2018. Programmatic changes by either institution will necessitate amendments to this Agreement as appropriate.

For: Passaic County Community College

A blue ink signature of Steven M. Rose, consisting of a stylized 'S' and 'R'.

President Steven M. Rose, Ed.D.


A blue ink signature of Steven M. Rose, consisting of a stylized 'S' and 'R'.

Date

For: Montclair State University

A blue ink signature of Susan Cole, consisting of a stylized 'S' and 'C'.

President Susan Cole, Ph.D.

A blue ink signature of Susan Cole, consisting of a stylized 'S' and 'C'.

Date

**Transfer Articulation Agreement**

**between**

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**A.S. degree in Sciences Programs**

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This Transfer Articulation Agreement is meant to cover students graduating with the Passaic County Community College's A.S. degree in the following options:

**Biology Option**

**Physical Science Option**

**Environmental Sustainability**

Entering the following BS programs in Montclair State University's College of Science and Mathematics:

**Biology**

**Biochemistry**

**Chemistry**

**Geography**

**Molecular Biology**

**Marine Biology and Coastal Sciences**

**Physics**

**Earth and Environmental Science**

**Sustainability Science**

***B.S. in Biology, Teacher Certification in Biological Science P-12 (BIED)***

***B.S. in Chemistry, Teacher Certification in Chemistry P-12 (CHED)***

***B.S. in Physics, Teacher Certification in Physics P-12 (PHYE)***

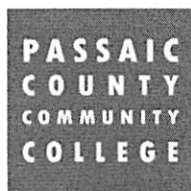
***B.S. in Earth and Environmental Science w P-12 Teacher Certification in Earth Science (EAED)***

The following conditions, equivalencies and recommendations have been identified by the two institutions participating in this agreement.

- I. Under the existing transfer agreement between Montclair State University and Passaic County Community College under the NJ Transfer Agreement:
  - a. The Montclair State University Application Fee is waived
  - b. The General Education requirements are satisfied (unless required for the major)
  - c. Criteria for admission to the University and/or to the specific upper level program:
    - i. Transfer students to be covered by this agreement are eligible for admission to Montclair State University upon completion of the A.S. degree with a minimum grade point average of 2.75 for the above listed program covered by this agreement. The exception to the above is Biology, which requires a 3.0 grade point average.
  - d. Specific course program criteria:
    - i. Minimum grade of C in EN 101 English Composition I.
  - e. MSU requires a sequential set of 2 courses in World Languages as a graduation requirement.

II. Course equivalencies and/or area requirements.

Academic Programs



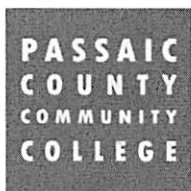
Office of the Registrar  
**AS. LA. Biology Option**

Catalog Date:  
UG15  
Effective Date:  
7/1/15

To transfer into: Marine Biology and Coastal Science, Biology and Molecular Biology

	PROGRAM REQUIREMENTS	MONTCLAIR COURSES
<b>GER</b>	<b>COMMUNICATION (6 cr.)</b>	
EN 101	Composition I	WRIT105 Coll. Writ. I
EN 102	Composition II	WRIT106 Coll. Writ. II.
<b>GER</b>	<b>HUMANITIES (3 cr.)</b>	Humanities
<b>GER</b>	<b>SCIENCE (8 cr.)</b>	
CH 111	General Chemistry I (4 cr)	CHEM120 General Chemistry I
CH 112	General Chemistry II (4 cr)	CHEM121 General Chemistry II
<b>GER</b>	<b>MATH (8 cr.)</b>	
MA 109	Pre-Calculus Mathematics (4 cr)	MATH112 Pre-Calculus Mathematics
MA 120	Calculus I (4 cr.)	MATH122 Calculus I
MA 121	Calculus II (4 cr.)	MATH221 Calculus II
<b>GER</b>	<b>TECHNOLOGY (3 cr.)</b>	
CIS 101	Computer Concepts and Applications	CSIT100 (Intro. to Computer Concepts)
<b>GER</b>	<b>SOCIAL SCIENCE (3 cr.)</b>	<b>Social Science</b>
<b>REQ</b>	<b>REQUIRED COURSES</b>	
BS 101	Biology I (4 cr.)	BIOL 112 Principles of Biol. I
BS 102	Biology II (4 cr.)	BIOL 113 Principles of Biol.II
CH 211 CH 212	Organic Chemistry I Organic Chemistry II (preferred)	CHEM230 Organic Chemistry I CHEM231 Organic Chemistry II CHEM232 Experimental Organic Chemistry I CHEM233 Experimental Organic Chemistry II
	<i>or</i>	
PY 101 PY 102	College Physics I College Physics II	PHYS 193 College Physics I PHYS 194 College Physics II
	<i>or</i>	
PY 120 PY 121	Physics I with Calculus Physics II with Calculus	PHYS191 University Physics I PHYS192 University Physics II
BS 204	Introduction to Ecology (4 cr.) (Biology, Marine Biol & Coastal Sc)	BIOL 213 Introduction to Ecology (4 cr.)
	<b>Science Elective (4cr)</b>	<b>Elective</b>
SC 290	Selected Topics in Science (3 cr.)	Elective

Blue shading indicates the gen ed requirements at Passaic County Community College (gen ed transfers as a package)  
60 total credits are allowed to transfer according to NJTransfer



Office of the Registrar  
**A.S. LA.**  
**Physical Science Option**

Catalog Date:  
 UG16  
 Effective Date:  
 7/1/17

**To transfer into Chemistry (B.S. CHEM) and Biochemistry (B.S. BICM)**

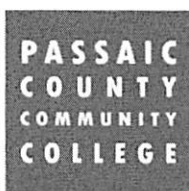
PROGRAM REQUIREMENTS		MONTCLAIR COURSES
<b>GER</b>	<b>COMMUNICATION (6 cr.)</b>	
EN 101	Composition I	WRIT105 Coll. Writ. I
EN 102	Composition II	WRIT106 Coll. Writ. II
<b>GER</b>	<b>HUMANITIES (3 cr.)</b>	Humanities
<b>GER</b>	<b>MATH &amp; SCIENCE ELECTIVES (16 cr.)</b>	
CH 111	General Chemistry I (4 cr)	CHEM120 General Chemistry I
CH 112	General Chemistry II (4 cr)	CHEM121 General Chemistry II
MA 120	Calculus I (4 cr.)	MATH122 Calculus I
MA 121	Calculus II (4 cr.)	MATH221 Calculus II
<b>GER</b>	<b>TECHNOLOGY (3 cr.)</b>	
CIS101	Computer Concepts and Applications	CSIT100 (Intro. to Computer Concepts)
<b>GER</b>	<b>SOCIAL SCIENCE (3 cr.)</b>	Social Science
<b>REQ</b>	<b>REQUIRED COURSES</b>	
CH 211	Organic Chemistry I (4 cr.)	CHEM230 Organic Chemistry I CHEM232 Experimental Organic Chemistry I
CH 212	Organic Chemistry II (4 cr.)	CHEM231 Organic Chemistry II CHEM233 Experimental Organic Chemistry II
PY 120	Physics I with Calculus (4 cr.)	PHYS191 University Physics I
PY 121	Physics II with Calculus (4 cr.)	PHYS192 University Physics II
	Science Electives (8cr)	Elective
SC 290	Selected Topics in Science (3cr.)	Elective

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Students in the normal Chemistry major sequence at MSU take a Descriptive Inorganic Chemistry Course in their 2<sup>nd</sup> year.

Students in the normal Biochemistry major sequence at MSU take an Introductory course in Cell/Molecular Biology in their 2<sup>nd</sup> year.



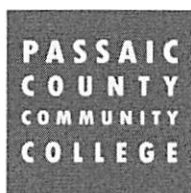
Office of the Registrar  
**A.S. LA.:**  
**Physical Science Option**

Catalog Date:  
 UG15  
 Effective Date:  
 7/1/15

**To transfer into Physics (B.S. PHYS)**

	PROGRAM REQUIREMENTS		MONTCLAIR COURSES
<b>GER</b>	<b>COMMUNICATION (6 cr.)</b>		
EN 101	Composition I		WRIT105 Coll. Writ. I
EN 102	Composition II		WRIT106 Coll. Writ. II
<b>GER</b>	<b>HUMANITIES (3 cr.)</b>		Humanities
<b>GER</b>	<b>MATH &amp; SCIENCE ELECTIVES (16 cr.)</b>		
CH 111	General Chemistry I (4 cr)		CHEM120 General Chemistry I
CH 112	General Chemistry II (4 cr)		CHEM121 General Chemistry II
MA 120	Calculus I (4 cr)		MATH122 Calculus I
MA 121	Calculus II (4 cr)		MATH221 Calculus II
<b>GER</b>	<b>TECHNOLOGY (3 cr.)</b>		
CIS 101	Computer Concepts and Applications		CSIT100 Intro. to Computer Concepts
<b>GER</b>	<b>SOCIAL SCIENCE (3 cr.)</b>		Social Science
<b>REQ</b>	<b>REQUIRED COURSES</b>		
MA 201	Calculus III (4 cr.)		MATH222 Calculus III
MA 202	Differential Equations (4cr)		Elective
PY 120	Physics I (with Calculus) (4 cr)		PHYS191 University Physics I
PY 121	Physics II (with Calculus) (4 cr)		PHYS192 University Physics II
	Science Electives (8 cr)		Elective
SC 290	Selected Topics in Science (3 cr.)		Elective

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Office of the Registrar  
**AS. Environmental  
Sustainability**

Catalog Date:  
UG15  
Effective Date:  
7/1/15

**To transfer into: Earth and Environmental Science, Geography, and Sustainability Science**

	PROGRAM REQUIREMENTS	MONTCLAIR COURSES
<b>GER</b>	<b>COMMUNICATION (6 cr.)</b>	
EN 101	Composition I	WRIT105 Coll. Writ. I
EN 102	Composition II	WRIT106 Coll. Writ. II.
<b>GER</b>	<b>HUMANITIES (3 cr.)</b>	Humanities
<b>GER</b>	<b>SCIENCE (8 cr.)</b>	
CH 111	General Chemistry I (4 cr)	CHEM120 General Chemistry I
CH 112	General Chemistry II (4 cr)	CHEM121 General Chemistry II
<b>GER</b>	<b>MATH (8 cr.)</b>	
MA 109	Pre-Calculus Mathematics (4 cr)	MATH112 Pre-Calculus Mathematics
MA 120	Calculus I (4 cr.)	MATH122 Calculus I
MA 121	Calculus II (4 cr.)	MATH221 Calculus II
MA 201	Calculus III (4cr)	MATH 222 Calculus III
<b>GER</b>	<b>TECHNOLOGY (3 cr.)</b>	
CIS 101	Computer Concepts and Applications	CSIT100 (Intro. to Computer Concepts)
<b>GER</b>	<b>SOCIAL SCIENCE (3 cr.)</b>	Social Science
<b>REQ</b>	<b>REQUIRED COURSES</b>	
SC 111	Introduction to Sustainability (3 cr.)	EAES160 Human Environment
SC 202 <sup>‡</sup>	Introduction to Geology (4 cr.)	<sup>‡</sup> EAES105 Physical Geology
	One of the following sequences (8 cr.)	
PY 101 <sup>‡</sup>	College Physics I	<sup>‡</sup> PHYS 193 College Physics I
PY 102 <sup>‡</sup>	College Physics II	<sup>‡</sup> PHYS 194 College Physics II
	<i>or</i>	
PY 120 <sup>‡</sup>	Physics I with Calculus	<sup>‡</sup> PHYS191 University Physics I
PY 121 <sup>‡</sup>	Physics II with Calculus	<sup>‡</sup> PHYS192 University Physics II
CH 211	Science Electives (select 7 - 8 cr. from the following)	CHEM 230 Organic Chem. I
BS 102 <sup>‡</sup>	Organic Chem. I (Earth & Env. Sc and Sustainability Sc) 4cr	<sup>‡</sup> BIOL 113 General Biology II
BS 204	Biology II (Sustainability Science) 4cr	BIOL 213 Introduction to Ecology
EC 101	Introduction to Ecology ((Sustainability Science) 4cr	ECON 101 Macroeconomics
	Economics I (Geography and Sustainability Science) 3cr	
SC 290	Selected Topics in Science (3 cr.)	Elective

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<sup>‡</sup>All laboratory science courses must be taken in face-to-face format. Online and self-directed laboratories are NOT eligible for transfer.

III. Miscellaneous

**A. NOTICES REQUIRED BY AGREEMENT** - Any notice which must be sent to MSU shall be forwarded by facsimile or overnight mail with confirmation of delivery to the following individuals:

Mark J. Fleming  
University Counsel  
Montclair State University  
1 Normal Avenue  
Montclair, NJ 07043

Robert S. Prezant  
Dean, College of Science and  
Mathematics  
Montclair State University  
1 Normal Avenue  
Montclair, NJ 07043

Jon Rosenheim  
Vice President of the Division  
of Finance and Treasurer  
Montclair State University  
855 Valley Road  
Clifton, NJ 07013

Any notice which must be sent to PCCC shall be forwarded by facsimile or overnight mail with confirmation of delivery to the following individuals:

Jacqueline Kineavy  
Vice President for Academic Affairs  
Passaic County Community College  
1 College Blvd  
Paterson, NJ, 07505

Donna Stankiewicz  
Associate Dean for Nurse Education  
and Sciences  
Passaic County Community College  
1 College Blvd  
Paterson, NJ, 07505



**B. SELF-INSURANCE BY MSU** - MSU is an agency of the State of New Jersey. Any agreement or arrangement signed or entered into on behalf of the State of New Jersey by a State official or employee shall be subject to all of the provisions of the New Jersey Torts Claims Act, NJSA 59:1-1 et seq., the New Jersey Contractual Liability Act, NJSA 59:13-1, et seq., and the availability of appropriations. The State of New Jersey does not carry public liability insurance, but the liability of the State and the obligations of the State to be responsible for tort claims against its agencies and employees is covered under the terms and provisions of the New Jersey Tort Claims Act. The Act also creates a special self-insurance fund and provides for payment and claims against the State of New Jersey against its employees for which the State of New Jersey is obligated to indemnify against tort claims which arise out of the performance of their duties. Claims against the University or its employees should be referred for handling to the Attorney General, Division of Law, Claims Service Section, Richard Hughes Complex, Trenton, New Jersey 08625. Furthermore, the State of New Jersey self-funds for Workers Compensation and Disability.

**C. ANTI-DISCRIMINATION** – The parties agree not to discriminate in employment and agree to abide by all anti-discrimination laws including those contained within N.J.S.A. 10:2-1 through N.J.S.A. 10:2-4, N.J.S.A.10:5-1 et seq. and N.J.S.A.10:5-31 through 10:5-38, and all rules and regulations issued there under.

**D. AMERICANS WITH DISABILITIES ACT** –The parties agree to comply with all provisions of the Americans with Disabilities Act (ADA), P.L. 101-336, in accordance with 42 U.S.C. 12101 et seq. 1.4

**E. COMPLIANCE - LAWS** –The parties shall comply with all local, state and federal laws, rules and regulations applicable to the contract.

**F. SUBCONTRACTING OR ASSIGNMENT** - The Agreement may not be subcontracted or assigned in whole or in part, without the prior written consent of both parties. Such consent, if granted, shall not relieve either party of any of its responsibilities under the contract.

**G. MAINTENANCE OF RECORDS** - The parties shall maintain records associated with the performance of this contract in accordance with the applicable provisions of the NJ State Record Retention Policy. Such records shall be made available to either party upon request for purposes of conducting an audit or for ascertaining other information.

The foregoing terms and conditions are agreed to and accepted by the parties by affixing their signature below. This Agreement may be signed in counterparts and shall be enforceable by facsimile or original signature.

The foregoing terms and conditions are agreed to and accepted by the parties by affixing their signature below. This Agreement may be signed in counterparts and shall be enforceable by facsimile or original signature.

Montclair State University

By: 

Susan Cole, President

Passaic County Community College

By: 

Steven M. Rose, President

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