

Transfer Articulation Agreement

Between

Bergen Community College

and

Montclair State University

for the

A.S. degree in Sciences and Mathematics Programs

and the

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

The intent of the Agreement is to facilitate the smooth transfer and transition of graduates from the Bergen 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.

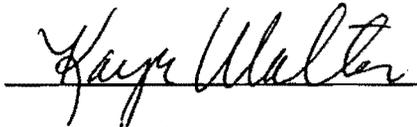
This agreement is based upon the completion of a Bachelor's degree in the approved transfer program or other program as identified in the Agreement.

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

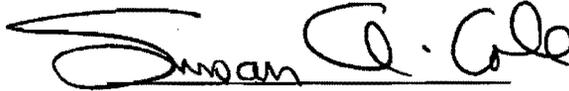
The terms of the Agreement apply to those graduates as of January 2012 and entering the upper level program after August 2012. Programmatic changes by either institution will necessitate amendments to this Agreement as appropriate.

For: Bergen Community College

For: Montclair State University



President Kaye Walter



President Susan Cole

1/28/2013

Date

1/28/13

Date

Transfer Articulation Agreement

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Bergen Community College

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for the

A.S. degree in Sciences and Mathematics Programs

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

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

Natural Sciences or Mathematics

Biology / Biotechnology

Chemistry

Computer Science

Information Technology

Physics / Engineering Science

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

Aquatic and Coastal Sciences

Biology

Biochemistry

Chemistry

Computer Science

Science Informatics

Geography (B.A.)

Geoscience

Information Technology

Molecular Biology

Physics

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 Bergen Community College:
  - 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 2.5 for the above listed program covered by this agreement. The exceptions to the above are Computer Science, which requires a 3.0 grade point average and a minimum grade of B in both MAT 280 and 281, Calculus I and II, and Biology, which requires a 3.0 grade point average.

d. Specific course program criteria:

- i. Minimum grade of C in WRT 101 English Composition I.

II. Transferred General Education courses

3 Credits	Communication - Communication
6 Credits	Communication - Writing/Literature
3 Credits	Fine and Performing Arts
3 Credits	Humanities - Philosophy or Religion
3 Credits	Humanities - World Lit or General Humanities
3 Credits	Social Science - American or European History
3 Credits	Social Science - Non-Western Cultural Perspectives
3 Credits	Social Science - Social Science
3-6 Credits	World Languages (Graduation Requirement)

III. Course equivalencies and/or area requirements.

Program	Credits	Courses at Bergen Community College (Sending Institution):	Equivalence at Montclair State University (Receiving Institution):
Chemistry	8 Credits	(CHM140 and CHM141) and (CHM240 and CHM241) (General Chemistry and Lab)	CHEM 120 and CHEM 121 (General Chemistry)
	8 Credits	CHM260 (ORGANIC CHEMISTRY I) and CHM262 (ORGANIC CHEMISTRY II)	CHEM 230 Organic Chemistry I and CHEM 231 Organic Chemistry II and CHEM 232 Experimental Organic Chemistry I
	4 Credits	MAT180 (Precalculus)	MATH 112 (Precalculus)
	4 Credits	MAT280 (Calculus I)	MATH 122 (Calculus I)
	4 Credits	MAT281 (Calculus II)	MATH 221 (Calculus II)
	8 Credits	PHY280 and PHY290 (General Physics I and II (Calculus-based) with Lab)	PHYS 191 and PHYS192 (University Physics I and II)

Program	Credits	Courses at Bergen Community College (Sending Institution):	Equivalence at Montclair State University (Receiving Institution):
Biochemistry	8 Credits	(CHM140 and CHM141) and (CHM240 and CHM241) (General Chemistry and Lab)	CHEM 120 and CHEM 121 (General Chemistry)
	8 Credits	CHM260 (ORGANIC CHEMISTRY I) and CHM262 (ORGANIC CHEMISTRY II)	CHEM 230 Organic Chemistry I and CHEM 231 Organic Chemistry II and CHEM 232 Experimental Organic Chemistry I
	4 Credits	MAT180 (Precalculus)	MATH 112 (Precalculus)
	4 Credits	MAT280 (Calculus I)	MATH 122 (Calculus I)
	4 Credits	MAT281 (Calculus II)	MATH 221 (Calculus II)
	8 Credits	BIO101 and BIO203 (General Biology)	BIOL 112 and BIOL113 (Principles of Biology)

Program	Credits	Courses at Bergen Community College (Sending Institution):	Equivalence at Montclair State University (Receiving Institution):
Biology/ Biotechnology	8 Credits	BIO101 and BIO203 (General Biology)	BIOL 112 and BIOL113 (Principles of Biology)
	8 Credits	(CHM140 and CHM141) and (CHM240 and CHM241) (General Chemistry and Lab)	CHEM 120 and CHEM 121 (General Chemistry)
	3 Credits	MAT150 (Statistics I)	MATH 109 (Statistics)
		<b>Choose 1 of the next 3 Credit Groups:</b>	
	8 Credits	PHY280 and PHY290 (General Physics I and II (Calculus-based) with Lab)	PHYS 191 and PHYS192 (University Physics I and II)
	4 credits	MAT 180 (Precalculus)	MATH 112 (Precalculus Mathematics )
	7-8 credits	MAT280 and MAT281 (Calculus I and II)	MATH 122 (Calculus I) and MATH 221 (Calculus II)

Program	Credits	Courses at Bergen Community College (Sending Institution):	Equivalence at Montclair State University (Receiving Institution):
Molecular Biology	8 Credits	BIO101 and BIO203 (General Biology)	BIOL 112 and BIOL113 (Principles of Biology)
	8 Credits	(CHM140 and CHM141) and (CHM240 and CHM241) (General Chemistry and Lab)	CHEM 120 and CHEM 121 (General Chemistry)
	3 Credits	MAT150 (Statistics I)	MATH 109 (Statistics)
		<b>Choose 1 of the next 2 Credit Groups:</b>	
	4 credits	MAT180 (Precalculus )	MATH 112 (Precalculus Mathematics )
	7-8 credits	MAT280 and MAT281 (Calculus I and II)	MATH 122 (Calculus I) and MATH 221 (Calculus II)

Program	Credits	Courses at Bergen Community College (Sending Institution):	Equivalence at Montclair State University (Receiving Institution):
Computer Science	3 Credits	CIS165 or CIS287 (Fundamentals of Programming or Object-Oriented Programming)	CMPT 183 (Foundations of Computer Science I)
	3 Credits	CIS265 (Advanced Programming Concepts)	CMPT 184 (Foundations of Computer Science II)
	3 Credits	CIS271 (Computer Organization and Assembly Language)	CMPT 280 (Assembly Language and Computer Architecture)
	3 Credits	CIS277 (Data Structures and Algorithms)	CMPT 287 (Data Structures, File Structures and Algorithms)
	4 Credits	MAT180 (Precalculus)	MATH 112 (Precalculus Mathematics)
	4 Credits	MAT280 (Calculus I)	MATH 122 (Calculus I)
	4 Credits	MAT281 (Calculus II)	MATH 221 (Calculus II)

Program	Credits	Courses at Bergen Community College (Sending Institution):	Equivalence at Montclair State University (Receiving Institution):
Physics/Engineering Science	3 Credits	CIS 165 or 287 (Fundamentals of Programming or Object-Oriented Programming)	CMPT 183 (Foundations of Computer Science I)
	8 Credits	(CHM140 and CHM141) and (CHM240 and CHM241) (General Chemistry and Lab)	CHEM 120 and CHEM 121 (General Chemistry)
	4 Credits	MAT280 (Calculus I)	MATH 122 (Calculus I)
	4 Credits	MAT281 (Calculus II)	MATH 221 (Calculus II)
	8 Credits	PHY280 and PHY290 (General Physics I and II (Calculus-based) with Lab)	PHYS 191 and PHYS192 (University Physics I and II)

Program	Credits	Courses at Bergen Community College (Sending Institution):	Equivalence at Montclair State University (Receiving Institution):
Geoscience	4 Credits	PHY113 (Geology)	GEOS 112 (Physical Geology)
	8 Credits	PHY280 and PHY290 (General Physics I and II (Calculus-based) with Lab)	PHYS 191 and PHYS192 (University Physics I and II)
	8 Credits	(CHM140 and CHM141) and (CHM240 and CHM241) (General Chemistry and Lab)	CHEM 120 and CHEM 121 (General Chemistry)
		Choose 1 of the next 2 Credit Groups:	
	4 Credits	MAT180 (Precalculus)	MATH 112 Precalculus Mathematics
	8 Credits	MAT280 (Calculus I) and MAT281 (Calculus II)	MATH 122 (Calculus I) and MATH 221 (Calculus II)

Program	Credits	Courses at Bergen Community College (Sending Institution):	Equivalence at Montclair State University (Receiving Institution):
Geography (GEOG and GEEN)	6 Credits	GEO101 and GEO102 (World and Human Geography)	EUGS 101 and EUGS 102 (Human and World Geography)
	8 Credits	PHY113 and PHY114 (Geology and Meteorology)	GEOS 107 and GEOS257 (Planet Earth and Weather/Climate)
	3 Credits	MAT150 (Statistics I)	MATH 109 (Statistics)
	3 Credits	TEC190 (Intro to GIS)	EUGS270 (Intro to GIS/Remote Sensing)
		Choose 1 of the next 5 Credit Groups:	
	6 Credits	ECO101 and ECO201 (Macroeconomics and Microeconomics)	ECON101 and ECON 102 (Principles of Macroeconomics and Principles of Microeconomics)

	8 Credits	PHY280 and PHY290 (General Physics I and II (Calculus-based) with Lab)	PHYS 191 and PHYS192 (University Physics I and II)
	8 Credits	(CHM140 and CHM141) and (CHM240 and CHM241) (General Chemistry and Lab)	CHEM 120 and CHEM 121 (General Chemistry)
	8 Credits	BIO101 and BIO203 (General Biology)	BIOL 112 and BIOL113 (Principles of Biology)
	8 Credits	BIO203 and BIO227 (General Biology, Ecology)	BIOL 1123 and BIO213 (Principles of Biology II and Intro to Ecology)

Program	Credits	Courses at Bergen Community College (Sending Institution):	Equivalence at Montclair State University (Receiving Institution):
Aquatic and Coastal Sciences	8 Credits	BIO101 and BIO203 (General Biology)	BIOL 112 and BIOL113 (Principles of Biology)
	8 Credits	(CHM140 and CHM141) and (CHM240 and CHM241) (General Chemistry and Lab)	CHEM 120 and CHEM 121 (General Chemistry)
	3 Credits	MAT150 (Statistics I)	MATH 109 (Statistics)
	4 Credits	PHY280 (General Physics I (Calculus-based) with Lab)	PHYS 191 (University Physics I)
		<b>Choose 1 of the next 2 Credit Groups:</b>	
	4 credits	MAT180 (Precalculus )	MATH 112 Precalculus Mathematics
	7-8 credits	MAT280 and MAT281 (Calculus I and II)	MATH 122 (Calculus I) and MATH 221 (Calculus II)

<b>Program</b>	<b>Credits</b>	<b>Courses at Bergen Community College (Sending Institution):</b>	<b>Equivalence at Montclair State University (Receiving Institution):</b>
<b>Science Informatics</b>	3 Credits	CIS165 or CIS287 (Fundamentals of Programming or Object-Oriented Programming)	CMPT 183 (Foundations of Computer Science I)
	3 Credits	CIS265 (Advanced Programming Concepts)	CMPT 184 (Foundations of Computer Science II)
	8 Credits	BIO101 and BIO203 (General Biology)	BIOL 112 and BIOL113 (Principles of Biology)
	8 Credits	(CHM140 and CHM141) and (CHM240 and CHM241) (General Chemistry and Lab)	CHEM 120 and CHEM 121 (General Chemistry)
	4 Credits	MAT280 (Calculus I)	MATH 122 (Calculus I)

IV. 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:

Valerie Van Baaren  
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

Donald D. Cipullo  
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 BCC shall be forwarded by facsimile or overnight mail with confirmation of delivery to the following individuals:

PJ Ricatto  
Dean of Mathematics, Science  
and Technology  
Bergen Community College  
400 Paramus Road,  
Paramus NJ 07652

Thomas Jewell  
Interim Vice President of  
Academic Affairs  
Bergen Community College  
400 Paramus Road,  
Paramus NJ 07652

Ronald Milon  
Vice-president of  
Administrative Services  
Bergen Community College  
400 Paramus Road,  
Paramus NJ 07652

**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.

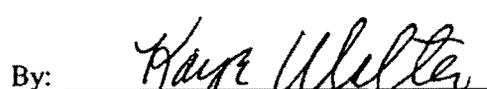
The foregoing terms and conditions are agreed to and accepted by the parties by affixing their signature below. This Agreement may be signed in counterparts and shall be enforceable by facsimile or original signature.

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Montclair State University

By:   
Susan Cole, President

Bergen Community College

By:   
Kaye Walter, President