

ARTICULATION AGREEMENT

SUNY WESTCHESTER COMMUNITY COLLEGE AND LEHMAN COLLEGE OF THE CITY UNIVERSITY OF NEW YORK

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: **SUNY Westchester Community College**

Department: Natural & Health Science

Program: Liberal Arts and Sciences Mathematics & Science, AS

Degree: AS, Liberal Arts and Sciences

Receiving College: **Lehman College of the City University of New York**

Department: Chemistry

Program: Chemistry (76-77 credits) and Chemistry (81 credit)

Degree: Chemistry, BS and Chemistry, BA

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

Associate in Science Degree from Westchester Community College.

Westchester Community College graduates with the Associate's Degree in Liberal Arts and Sciences Mathematics & Science, AS will receive 60 credits toward either the Bachelor of Arts in Chemistry or the Bachelor of Science in Chemistry at Lehman College. In addition, they will be deemed to have met all Required Core, Flexible Core, and College Option Foreign Language requirements at Lehman College.

Total transfer credits granted toward the baccalaureate degree: 60

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

Students are required to complete at least 50 percent of their major and minor (if applicable) in residence at Lehman College.

C. Liberal Arts and Sciences Mathematics & Science, AS

<u>Westchester Community College</u>		<u>Lehman College Equivalent/Other Evaluation)</u>		Transfer Credit Applied
Core Requirements				
Course & Title	Credit	Course & Title	Credit	
ENG 101 Composition and Literature 1	3	ENG 111: English Composition I	3	3
ENG 102 Composition and Literature 2	3	ENG 121: English Composition II	3	3
MATH 161 Pre-Calculus	4	MAT 172 Pre-Calculus	4	4
MATH 181 Calculus I	4	MAT 175 Calculus I	4	4
PHYSC 111: College Physics 1	4	PHY 166: General Physics 1	5	4
PHYSC 112: College Physics 2	4	PHY 167: General Physics 2	5	4
Behavioral Science	3	Liberal Arts Equivalent	3	3
Social Science	3	Liberal Arts Equivalent	3	3
Humanities	3	Liberal Arts Equivalent	3	3
Physical Education Activity Course	2	Non Liberal Arts Elective	2	2
SUBTOTAL	33	SUBTOTAL	33	

Required Areas of Study				
[Westchester Community College] Course & Title	Credit	[Lehman College] Course & Title	Credit	Transfer Credit Applied
CHEM 107: Inorganic Chemistry 1	4	CHEM 166/167 General Chemistry I w/Lab	5	4
CHEM 111: Inorganic Chemistry 2	4	CHEM 168/169 General Chemistry II w/Lab	5	4
Additional electives in Humanities, English, or Communications	3	Liberal Arts Equivalent	3	3
Additional Behavioral or Social Sciences Electives	6	Liberal Arts Equivalent	6	6
CHEM 201 Organic Chemistry I	4	CHEM 232/233 Organic Chemistry I w/Lab	5	4
CHEM 205 Organic Chemistry II	4	CHEM 234/235 Organic Chemistry II w/Lab	5	4
Elective Credit	6	Elective Credit	6	6
SUBTOTAL	31			31
TOTAL	64	TOTAL	64	

*Although 64 credits will be applied to Lehman requirements. Students will only be granted 60 transfer credits towards the Bachelor's degree.

D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE

Chemistry – 76-77 Credit Major	<i>Credits</i>
CHE 249 Quantitative Analysis	5
CHE 342 Physical Chemistry Lecture 1	3
CHE 344 Physical Chemistry Lecture 2	3
CHE 345 Physical Chemistry Lab 1	2
CHE 347 Physical Chemistry Lab 2	2
CHE 442 Inorganic Chemistry	3

CHE 443 Inorganic Chemistry Lab	1
CHE 449 Instrumental Analysis	4
Advanced Chemistry Courses	11-13
MAT 176 Calculus II	4
MAT 226 Intermediate Calculus	4
Interdisciplinary General Education Requirements All students must complete two of the following interdisciplinary courses: LEH 352 Studies in Literature LEH 353 Studies in the Arts LEH 354 Historical Studies LEH 355 Studies in Philosophy, Theory, and Abstract Thinking WCC students are required to complete two writing intensive courses . Individual sections of LEH courses may be designated as writing intensive and these sections would count toward both requirements.	6
Free Electives	10-12
TOTAL	60

Chemistry – 81 Credit Major	<i>Credits</i>
CHE 249 Quantitative Analysis	5
CHE 332 Intro to Physical Chemistry I	3
CHE 334 Intro to Physical Chemistry II	3
CHE 335 Intro to Physical Chemistry of Biosystems Lab	3
CHE 442 Inorganic Chemistry	3
CHE 443 Inorganic Chemistry Lab	1
CHE 444 Biochemistry I	3
CHE 446 Biochemistry II	3
CHE 447 Biochemistry Lab	3
BIO 238 Genetics	4
BIO 420 Molecular Biology	4
4 Additional Credits in Chemistry	4
MAT 176 Calculus II	4
MAT 226 Intermediate Calculus	4
Interdisciplinary General Education Requirements All students must complete two interdisciplinary courses: LEH 352 Studies in Literature LEH 353 Studies in the Arts LEH 354 Historical Studies LEG 355 Studies in Philosophy, Theory, and Abstract Thinking WCC Students will be required to complete two writing intensive course . Individual sections of LEH courses may be designated as writing intensive and such sections would count toward both requirements.	6
Free Electives	8
TOTAL	60

E. Articulation Agreement Follow-Up Procedures

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

This agreement will be reviewed annually by department chairs at both Westchester Community College and Lehman College and all relevant changes will be made as an amendment to this agreement. This agreement may be terminated at any time by either party.

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

Lehman will inform Westchester Community College about the academic progress of transfer students.

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

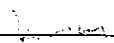
Notice of articulation will be placed in the respective catalogues, recruiting brochures, and websites.

Respective transfer and academic advisors will be informed and provided with copies of this agreement.

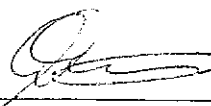
The Lehman College Chemistry will attend recruiting events on-campus at Westchester Community College regularly.

F. Additional Information

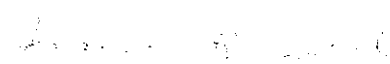
Effective Date: Fall 2013



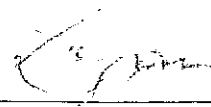
Dr. Joseph Hankin
President
SUNY Westchester Community College

 24 Oct 13

Dr. Anny Morrobel-Sosa
Provost & Senior Vice President for Academic
Affairs
Lehman College (CUNY)



Dr. Joanne Russell
Vice President and Dean
Academic Affairs



Dr. Marc Lazarus
Chair
Department of Chemistry