



LEHMAN
COLLEGE

ARTICULATION AGREEMENT FORM

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: Borough of Manhattan Community College/CUNY
Department: Science
Program: Science for Health Professions
Degree: Associate in Science (A.S.)

Receiving College: Lehman College/CUNY
Department: Health Sciences
Program: Exercise Science (Option 1) Exercise and Movement Science
Degree: Bachelor of Science (B.S.)



B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

Associate of Science Degree Graduates of CUNY Colleges are exempt from all Required Core, Flexible Core, and Lower Level College Option Lehman College General Education requirements. To earn a Bachelor's Degree at Lehman College, CUNY Associate degree graduates need to:

- complete at minimum 50% of the courses required for the major/minor in residence;
- two upper-level college option interdisciplinary course;
- two writing intensive courses;
- elective courses, if needed;
- 90 liberal arts credit are required for the BA, 60 liberal arts credits for the BS and the 30 Liberal arts credits for the BFA.

Determination of the 60 Liberal Arts credits required for the baccalaureate degree in accordance with New York State Education Department requirement will be made by Lehman College.

Borough of Manhattan Community College graduates with Associate Degree in Science for Health Professions will receive 60 credits toward the Bachelor of Science, Dietetics, Food, and Nutrition at Lehman College. In addition, they will be deemed to have met all Required Core, Flexible Core, and Lower Level College Option Lehman College General Education requirements at Lehman College.

Total transfer credit 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

BMCC - Sending College		Lehman - Receiving College Equivalent		Credit Granted
Course & Title	Cr.	Course & Title	Cr.	
<i>Required Common Core</i>				
<i>English Composition</i>	6	<i>English Composition</i>	3	3
ENG 101 English Composition I	3	ENG 110 Principles of Effective Writing I	3	3
ENG 201 English Composition II	3	ENG 120 Principles of Effective Writing II		
<i>Mathematics and Quantitative Reasoning¹</i>		<i>Mathematics and Quantitative Reasoning</i>	4	4
MAT 150 Introduction to Statistics	3	MAT 132 Introduction to Statistics		
<i>Life and Physical Science¹</i>		<i>Life and Physical Science</i>		
CHE 121 Fundamentals of General, Organic and Biological Chemistry I	3	CHE 114 Essentials of General Chemistry Lecture	3	4
		CHE 115 Essentials General Chemistry Laboratory	1.5	
SUBTOTAL	12	SUBTOTAL	14	
<i>Flexible Core</i>				
<i>Creative Expression</i>	3	<i>Creative Expression</i>	3	3
<i>World Culture and Global Issues</i>	3	<i>World Culture and Global Issues</i>	3	3
<i>U.S. Experience in its Diversity</i>	3	<i>U.S. Experience in its Diversity</i>	3	3
<i>Individual and Society</i>	3	<i>Individual and Society</i>	3	3
<i>Scientific World^{1,2}</i>		<i>Scientific World</i>		
BIO 425 Anatomy and Physiology I	3	BIO 181 Anatomy and Physiology I	4	8
BIO 425 Anatomy and Physiology II	3	BIO 182 Anatomy and Physiology II	4	
SUBTOTAL	18	SUBTOTAL	20	
SUBTOTAL	30	SUBTOTAL	34	
<i>Curriculum Requirements</i>				
Choose 7 credits from the following courses				7
BIO 420 Microbiology	4	BIO 230 Microbiology	4	
CHE 125 Fundamentals of Biochemistry	4	CHEM 244 Introduction to Biochemistry Lecture	3	
		CHEM 245 Introduction to Biochemistry Laboratory	1.5	
SCI 150 Nutrition		HSD 240 Nutrition and Health	3	
SCI 151 Food Science	3	DFN 120 The Nature and Science of Food	3	
SCI 510 Pathophysiology	3	Elective	3	
SCI 530 Pharmacology	3	Elective	3	
CHE 122 Fundamentals of General, Organic and Biological Chemistry II	4	CHE 120 Essentials of Organic Chemistry Lecture	3	4
		CHE 121 Essentials of Organic Chemistry Laboratory II	1.5	
PHY 110 General Physics	4	PHY 135 Fundamentals and Concepts of Physics	4	4
General Electives ³	15	General Electives	11	11
SUBTOTAL	30	SUBTOTAL	26	
TOTAL =	60	TOTAL =	30	

¹ Some of these credits can be satisfied by taking STEM variants in the Common Core.

Note: This program has received a waiver to specify particular courses students must take in some areas of the Common Core. If students take different courses in these areas, they will be certified as having completed the Common Core areas, but it may not be possible for them to finish their degree program within the regular number of credits.

² The Flexible Core requires two courses in Scientific World.

³ General Electives include four credits earned from courses required in the Common Core.

D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE

Course and Title	Credits
General Education Requirements	
Choose two of the following:	
LEH 351 Studies in Science and Applied Perspectives*	3
LEH 352 Studies in Literature*	3
LEH 354 Historical Studies *	3
LEH 355 Studies in Phil, Theory, and Abstract Thinking*	3
Subtotal	6
Program Requirements	
Required Courses	
EXS 264 Introduction to Exercise Science	3
EXS 265 Behavioral Aspects of Exercise and Physical Activity	3
EXS 315 Kinesiology/Biomechanics	3
EXS 316 Motor Learning and Performance	3
EXS 323 Exercise Physiology I	3
EXS 326 Exercise Testing and Prescription	3
EXS 423 Exercise Physiology II	3
EXS 424 Principles and Practices of Fitness and Wellness Programming	3
EXS 425 Theory and Methods of Strength and Conditioning	3
EXS 430 Research Methods in Exercise Science	3
EXS 470 Internship in Exercise Science I	3
EXS 471 Internship in Exercise Science II	3
HSD 269 Fundamentals of Biostatistics for Health Professionals	3
Subtotal	39
Elective Credits	
<i>Students may utilize these course credits to take additional courses in their major, pursue a minor, or complete courses of interest to them.</i>	15
Subtotal	60
Total Credits Earned at Lehman College	
	60
Total Credits Transferrable from BMCC	
	60
Total Credits Earned toward Baccalaureate	
	120
*Borough of Manhattan Community College Students will be required to complete two writing intensive courses. Individual sections of courses will be designated as writing intensive, and students take writing intensive sections of courses in General Education, major, minor, and elective courses.	

E. ARTICULATION AGREEMENT FOLLOW-UP PROCEDURES

1. Procedures for reviewing, updating, modifying or terminating agreement:

When either of the degree programs involved in this agreement undergoes a change, the agreement will be reviewed and revised accordingly by faculty from each institution's respective departments, selected by their Chairpersons.

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

Each semester Lehman College will provide the Borough of Manhattan Community College the following information: a) the number of BMCC students who applied to the program; b) the number of BMCC students who were accepted into the program; c) and the number of BMCC students who enrolled; d) the aggregate GPA of these enrolled students.

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

This articulation agreement will be publicizing on the Borough of Manhattan Community College's website, and the Lehman College website.

Transfer advisers at BMCC will promote this agreement with eligible students.

F. Additional Information (e.g., financial aid, transfer scholarship

G. Advisor Recommendations