

## ACADEMIC DEGREE MAP LIBERAL ARTS AND SCIENCES ASSOCIATE IN SCIENCE



	COURSE		CREDITS	COMPLETED
	MAT 160 : Pre-Calculus (Required Common Core: Mathematical & Quantitative Reasoning)	$\bigstar$	4	
	ENG 110: Expository Writing (Required Common Core: English Composition)	$\bigstar$	3	
	BIO 210 or CHE 210 or PHY 210: General Biology I or General Chemistry I or	$\bigstar$	4	
	General Physics I (Note: If taking MAT 160, student cannot take PHY 210) (Required Com-mon Core: Life and Physical Sciences)			
5	OFLEXIBLE COMMON CORE: INDIVIDUAL AND SOCIETY		3	

		SUB-TOTAL 14		
	COURSE		CREDITS	COMPLETED
4	MAT 210: Calculus I (Free Elective)		4	
	ENG 111: Literature and Composition (Required Common Core: English Composition)		3	
	BIO 220 or CHE 220 and PHY 220: General Biology II or General Chemstry		4	
	II or General Physics II (to complete sequence take part 2 of the course previously taken. (Flexible Common Core: Scientific World)			
	BIO 210 OR CHE 210 OR PHY 210*: General Chemistry   OR General		4	
	Biology 1 OR Physics I			

GET AHEAD! TAKE CLASSES DURING THE SUMMER	SUB-TOTAL 15	
	CREDITS	COMPLETED
PIEXIBLE COMMON CORE: CREATIVE EXPRESSION	3	
BIO 220 OR CHE 220 AND PHY 220*: General Biology II or General	4	
Chemistry II or General Physics II		
CHOOSE ONE (1) ADDITIONAL COURSE FROM**: BIO 230; BIO 240; BIO 260; BIO	🚖 3 - 5	
299; BIO 310; CHE 299; CHE 310/312; MAT 220; MAT 310; PHY 299		
FLEXIBLE COMMON CORE: U.S. EXPERIENCE IN ITS DIVERSITY	3	

	3				
	SUB-TOTAL 16 -	SUB-TOTAL 16 - 18			
COURSE	CREDITS	COMPLETED			
CHOOSE ONE (1) ADDITIONAL COURSE FROM**: BIO 230; BIO 240; BIO 2	260; BIO <b>4 - 5</b>				
299; BIO 310; CHE 299; CHE 310/312; MAT 220; MAT 310; PHY 299					
CHOOSE ONE (1) ADDITIONAL COURSE FROM SCIENTIFIC WORLD	3 - 5				
BIO 260 OR BIO 310 OR CHE 310/312 OR MAT 220 OR MAT 310: On in Introduction to Genetics OR Microbiology OR Organic Chemistry Lecture (3 credits) /					
Chemistry Lab (2 credits) OR Calculus II OR Calculus III					
PIEXIBLE COMMON CORE: WORLD CULTURES AND GLOBAL ISSUES	3				
	3				
	SUB-TOTAL 13 -	16			
TOTAL CREDITS 60					
You've <b>FINISHED</b>					



\* COURSE MUST BE DIFFERENT FROM THAT SELECTED FOR THE LIFE AND PHYSICAL SCIENCES AND SCIENTIFIC WORLD COMMON CORES.

\*\*ANATOMY AND PHYSIOLOGY I (MILESTONE IF COMPLETING BIO 240); ANATOMY AND PHYSIOLOGY II (MILESTONE IF COMPLETING BIO 310); INTRODUCTION TO GENETICS; INDEPENDENT STUDIES IN BIOLOGY; MICROBIOLOGY; INDEPENDENT STUDIES IN CHEMISTRY; CHEMISTRY I; ORGANIC CHEMISTRY LAB I; CALCULUS II (MILESTONE IF COMPLETING MAT 310); CALCULUS II; INDEPENDENT STUDIES IN PHYSICS.

INDEPENDENT STUDY CLASSES ARE 3 CREDITS; ORG. CHEM LEC & LAB ARE 5 CREDITS.

\*\*\*STUDENTS PURSUING MIDDLE AND HIGH SCHOOL CERTIFICATION IN EDUCATION AT LEHMAN COLLEGE SHOULD SELECT EDU 101 AND 117.

HOSTOS COMMUNITY COLLEGE / 500 GRAND CONCOURSE, BRONX, NY, 10451