CUNY PATHWAYS – Mathematics (A.S.)

REQUIRED COMMON CORE		CREDITS
English Composition		6
Mathematical and Quantitative Reasoning		4
MAT 210* Required		
Life and Physical Sciences		4
BIO 210 **OR** CHE 210 **OR** PHY 210		
FLEXIBLE COMMON CORE		
World Cultures and Global Issues		3
U.S. Experience in Its Diversity		3
Creative Expression		3
Individual and Society		3
Scientific World		4
BIO 220 **OR** CHE 220 **OR** PHY 220		
One (1) additional course from the Flexible Common Core		3
MAJOR REQUIREMENTS		
MAT 217	Linear Algebra **	4
MAT 220	Calculus II	4
MAT 310	Calculus III	4
Select Three (3) credits from the following courses:		3
MAT 215 / CSC 215	Modern Programming**	
MAT 360	Ordinary Differential Equations	
Free Electives		12
Total Credits for Degree		**60**

*Depending on placement, students may be required to complete MAT 160 and/or MAT 30. These students should consult an advisor in the Math department. Students who are required to take MAT 160, will complete the course as part of the Common Core Mathematical and Quantitative Reasoning and will take MAT 210 under "free electives".
The program has received a waiver to specify particular courses students must take in STEM areas of the Common Core (Math and Quantitative Reasoning). If students take a different course in this area, they will be certified as having completed the Common Core area, but it may not be possible for them to finish their degree within the regular number of credits.
Students pursuing Middle and High School certification in Education at Lehman College should select from the following courses: EDU 101, 117, 130 and 140.
**Effective Spring 2017

Click here for a list of all Common Core Courses