

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 <u>OR</u> CHE 210 <u>OR</u> 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 <u>OR</u> CHE 220 <u>OR</u> 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
CSC 215 Modern Programming	
MAT 360 Ordinary Differential Equations	
Free Electives	12
Total Credits for Degree	60
<p>*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”.</p> <p>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.</p> <p>Students pursuing Middle and High School certification in Education at Lehman College should select from the following courses: EDU 101, 117, 130 and 140.</p>	

[Click here for a list of all Common Core Courses](#)