

CUNY PATHWAYS – Electrical Engineering (AS)

REQUIRED COMMON CORE		CREDITS
English Composition		6
Mathematical and Quantitative Reasoning		4
MAT 210 Required		
Life and Physical Sciences		4
CHE 210 Required		
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
CHE 220 Required		
One (1) additional course from the Scientific World		4
PHY 210 Required		
MAJOR REQUIREMENTS		
CSC 215	Modern Programming	3
MAT 220	Calculus II	4
MAT 310	Calculus III	4
MAT 320	Linear Algebra & Vector Analysis	3
MAT 360	Differential Equations	3
PHY 220	Physics II	4
ENG 202	Technical Writing	3
ENGR 103	Tools for Engineering	2
ENGR 204	Electrical Circuits	3
Total Credits for Degree		63
<p>Note: The program has received a waiver to specify particular courses students must take in STEM areas of the Common Core. If students take different courses in these areas, they will be certified as having completed the Common Core area, but it may not be possible for them to finish their degree program within the regular number of credits.</p>		

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