

1	COURSE	CREDITS COMPLETED
	<b>ENG 110:</b> Expository Writing (Required Common Core: English Composition)	3 <input type="checkbox"/>
	<b>CHE 210:</b> General Chemistry I* (Required Common Core: Life and Physical Sciences)	4 <input type="checkbox"/>
	<b>FLEXIBLE COMMON CORE: INDIVIDUAL &amp; SOCIETY:</b> PSY 101 or SOC 101**	3 <input type="checkbox"/>
	<b>MAT 210:</b> Calculus I* (Required Common Core: Mathematical and Quantitative Reasoning)	4 <input type="checkbox"/>
<b>SUB-TOTAL</b>		<b>14</b>

2	COURSE	CREDITS COMPLETED
	<b>ENG 111:</b> Literature and Composition (Required Common Core: English Composition)	3 <input type="checkbox"/>
	<b>CHE 220:</b> General Chemistry II* (Flexible Common Core: Scientific World)	4 <input type="checkbox"/>
	<b>CSC 215:</b> Modern Programming	3 <input type="checkbox"/>
	<b>MAT 220:</b> Calculus II*	4 <input type="checkbox"/>
	<b>FLEXIBLE COMMON CORE: WORLD CULTURES AND GLOBAL ISSUES:</b> HUM 100**	3 <input type="checkbox"/>
<b>SUB-TOTAL</b>		<b>17</b>

3	COURSE	CREDITS COMPLETED
	<b>FLEXIBLE COMMON CORE: CREATIVE EXPRESSION:</b> COM 110**	3 <input type="checkbox"/>
	<b>ENG 202:</b> Technical Writing	3 <input type="checkbox"/>
	<b>ENGR 103:</b> Analysis Tools for Engineers (E-Permit)	2 <input type="checkbox"/>
	<b>PHY 210:</b> General Physics I* (One (1) additional course from Scientific World)	4 <input type="checkbox"/>
	<b>MAT 310:</b> Calculus III*	4 <input type="checkbox"/>
<b>SUB-TOTAL</b>		<b>16</b>

4	COURSE	CREDITS COMPLETED
	<b>MAT 320:</b> Linear Algebra & Vector Analysis*	3 <input type="checkbox"/>
	<b>MAT 360:</b> Ordinary Differential Equations*	3 <input type="checkbox"/>
	<b>ENGR 204:</b> Electric Circuits	3 <input type="checkbox"/>
	<b>FLEXIBLE COMMON CORE: US EXPERIENCE IN ITS DIVERSITY:</b> HIS 210 or HIS 211*	3 <input type="checkbox"/>
	<b>PHY 220:</b> General Physics II*	4 <input type="checkbox"/>
<b>SUB-TOTAL</b>		<b>16</b>

**TOTAL CREDITS 63**

**MAJOR REQUIREMENT**

**MILESTONE**

MILESTONES ARE COURSES THAT MUST BE TAKEN IN SEQUENTIAL ORDER

**TWO WRITING INTENSIVE COURSES REQUIRED FOR GRADUATION**

**15 CREDITS PER SEMESTER**

GRADUATE ON TIME, SAVE MONEY & START YOUR CAREER!

**EXCELSIOR SCHOLARSHIP**

COVERS FULL TUITION  
MUST EARN 30 CREDITS PER YEAR

[www.hostos.cuny.edu/excelior](http://www.hostos.cuny.edu/excelior)

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**CAREER COACH**

CAREER COACH IS AN ONLINE TOOL THAT HELPS STUDENTS EXPLORE MAJORS AND IN-DEMAND CAREERS

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**DEGREE AUDIT**

TO VIEW FULL DEGREE MAP ONLINE, SCAN QR CODE BELOW:

[degreeworks.cuny.edu](http://degreeworks.cuny.edu)

**NOTES**

**PASSING GRADE REQUIREMENT**

\*MAT 210, MAT 220, MAT 310, MAT 320, MAT 360, CHE 210, CHE 220, PHY 210 AND PHY 220 REQUIRE A MINIMUM PASSING GRADE OF "C".

A 2.7 OVERALL GPA AND A 2.5 MATH AND SCIENCES GPA ARE REQUIRED TO TRANSFER TO THE CITY COLLEGE GROVE SCHOOL OF ENGINEERING.

\*\*COURSE(S) STRONGLY RECOMMENDED