

## ACADEMIC DEGREE MAP CHEMICAL ENGINEERING ASSOCIATE OF SCIENCE



1	COURSE		(	CREDITS	COMPLETED	
ш	MAT 210: Calculus I* (Required Common Core: Mathematical and Quantitative		$\Rightarrow$	4		
	Reasoning)					MAJOR MILESTONE REQUIREMENT
	ENG 110: Expository Writing (Required Common Core: English Composition)		<b>♦</b>	3		MILESTONES ARE COURSES THAT MUST E
	The Expository Witing (required dominion object English domposition)			Ū		TAKEN IN SEQUENTIAL ORDER
	<b></b>					TWO WRITING INTENSIVE
	CHE 210: General Chemistry I* (Required Common Core: Life and Physical Sciences)		W	4	Ш	COURSES REQUIRED FOR
						GRADUATION
				3		
	HUM 100**				_	15 CREDITS PER SEMESTER
	FLEXIBLE COMMON CORE: INDIVIDUAL & SOCIETY: SOC 101 OR PSY 101**			3		GRADUATE ON TIME, SAVE MONEY & START YOUR CAREER
	V 1-2-10-2-10-10-10-10-10-10-10-10-10-10-10-10-10-	CII	D TOT			MONEY & START YOUR CAREER
1	SUB-TOTAL 17 COURSE CREDITS COMPLETED EXCELSIOR SCHOLARSHIP					
4	ENG 111: Literature and Composition (Required Common Core: English Composition)		<b>♦</b>	3		COVERS FULL TUITION
	214 1111 Exercises and composition (required common core: English composition)			3		MUST EARN 30 CREDITS PER YEAR
			<b>A</b>			www.hostos.cuny.edu/excelsior
	CHE 220: General Chemistry II* (Flexible Common Core: Scientific World)			4		
						CAMPUS SUPPORT FOR ACADEMIC SUCCESS
	FLEXIBLE COMMON CORE: US EXPERIENCE IN ITS DIVERSITY: HIS 210 or			3		• LIBRARY
	HIS 211**				_	TUTORING CENTER     WRITING CENTER
	MAT 000 Calaulus II*		_	4		COMPUTER LABS     TECHNOLOGY WORKSHOPS
	MAT 220: Calculus II*	**	X	4	Ш	COUNSELING     SCHOLARSHIPS
						- SOFTOLAROFIII S
				3		CAREER COACH
	GET AHEAD! TAKE CLASSES DURING THE SUMMER	SU	B-T01	TAL 17		CAREER COACH IS AN ONLINE TOOL THAT HELPS STUDENTS EXPLORE MAJORS AND
2	COURSE			CREDITS	COMPLETED	IN-DEMAND CAREERS
<u> </u>	MAT 310: Calculus III*		1	4		www.hostos.cuny.edu/careercoach
		7 1			_	
				-	П	DEGREE AUDIT
	CHE 228: Introduction to Chemical Engineering Principles & Practices***	**		5	Ш	TO VIEW FULL DEGREE MAP ONLINE, SCAN QR CODE BELOW:
			A		_	SCAN QR CODE BELOW:
	CHE 310: Organic Chemistry I*			3		12 (2007.3% EU 37 (2007.2% EU
	(Flexible Common Core: Scientific World.) Offered in the fall only.					POSICE LINES
	CHE 312: Organic Chemistry Lab I* (offered in the fall only)		1	2		
		7 1			_	degreeworks.cuny.edu
	PHY 210: General Physics I*		_	4		
	FIT 210: General Physics I	<u>**</u>	D TO			NOTES
1	COURSE	50		TAL 18	COMPLETED	
4	MAT 320: Linear Algebra & Vector Analysis*			3		PASSING GRADE REQUIREMENT:
	MAI 320: Linear Algebra & Vector Analysis	**		3		*MAT 210, MAT 220, MAT 310, MAT 320, MAT 360, CHE 210, CHE 220, CHE 310,
						CHE 312, CHE 320, PHY 210 AND PHY 220 REQUIRE A MINIMUM PASSING
	MAT 360: Ordinary Differential Equations*			3	Ш	GRADE OF "C."
						A 2.7 OVERALL GPA AND A 2.5 MATH
	CHE 320: Organic Chemistry II* (offered in the spring only)			3		AND SCIENCES GPA ARE REQUIRED TO TRANSFER TO THE CITY COLLEGE OF
		7 4				NEW YORK GROVE SCHOOL OF
	PHY 220: General Physics II*			4		**COURSE(S) STRONGLY RECOMMENDED
	THE 220: General Physics II	**		4		***CHE 228 WILL BE TAKEN AS AN EPERMIT AT THE CITY COLLEGE
						OF NEW YORK GROVE SCHOOL OF
	ENG 202: Technical Writing	R		3		ENGINEERING. IT IS ONLY OFFERED IN THE FALL.
	SUB-TOTAL 16					
TOTAL CREDITS 68						

