

Degree InformationCatalog Year: **2026 - 2027**Plan: **Engineering Science AS**Sub Plan: **None**Required Credits: **61 - 70**General RequirementsReq GPA: **2.0**Req Residential Credits: **30**Req Pathways Credits: **33**Req Civic Engagement: **1**Req Writing Intensive: **1**

1		2		3		4	
Session A		Session A		Session A		Session A	
COURSE	CRS	COURSE	CRS	COURSE	CRS	COURSE	CRS
ENG 1200	3	ENG 2400	3	EGR 2300	3	EGR 2200	3
CHM 1100*	4	CHM 1200	4	PHY 1400	4	Additional Math 4: MAT 2100 ² , 5500 ² , 5600 ² , or CS 1200 ²	3
CHM 100*	0	PHY 1300	4	Additional Math 2: MAT 2100 ² , 5500 ² , 5600 ² , or CS 1200 ²	3	Additional Math 5: MAT 2100 ² , 5500 ² , 5600 ² , or CS 1200 ²	3
MAT 1500 ¹ (NEED MIN. GRADE C)	3	EGR 2100	3	Additional Math 3: MAT 2100 ² , 5500 ² , 5600 ² , or CS 1200 ²	3	Choose 1: Flexible Core U.S. Experiences in Its Diversity	3
Choose 1: Flexible Core Individual and Society	3	Additional Math 1: MAT 1600 ² (NEED MIN. GRADE C)	3				
Session B		Session B		Session B		Session B	
COURSE	CRS	COURSE	CRS	COURSE	CRS	COURSE	CRS
Choose 1: Flexible Core World Cultures & Global Issues	3	Choose 1: Flexible Core Creative Expression	3				

NOTE: The term-by-term course sequence takes into account necessary Prerequisites, Corequisites, and Pre-/Co-requisite.

NOTE: Select ONE (1) WRITING INTENSIVE course & ONE (1) CIVIC ENGAGEMENT course. Some courses meet BOTH requirements, see CUNYfirst to determine course status

SEMESTER CRS: 16

SEMESTER CRS: 20

SEMESTER CRS: 13

SEMESTER CRS: 12

CAREER AND TRANSFER MILESTONES

1		2		3		4	
CAREER & TRANSFER EXPLORATION ACTIVITIES	Done	CAREER & TRANSFER EXPLORATION ACTIVITIES	Done	CAREER & TRANSFER EXPLORATION ACTIVITIES	Done	CAREER & TRANSFER EXPLORATION ACTIVITIES	Done
<u>Claim your Handshake Account</u> (Kingsborough)		<u>Create your LinkedIn profile</u>		<u>Career Planning - Research and Join</u> <u>Professional Organization [Student</u> <u>Membership]</u>		<u>Join CUNY Research Scholars</u> <u>Program (CRSP) at KCC.</u>	
<u>Join the Engineering Student Club, to</u> <u>build your network and skills.</u>		<u>Attend a Professional/Networking</u> <u>Event Outside of KCC</u>		<u>Attend a Professional/Networking</u> <u>Event Outside of KCC</u>		Take advantage of events offered by campus Career and Professional Development offices to perfect your job search and sharpen your interview and employability skills. Update your LinkedIn profile and resume with new certifications, experiences, and skills.	
<u>Research and explore desired career</u> <u>pathway via career coach. Including</u> <u>researching Baccalaureate Programs</u> <u>and Complete a Transfer Plan.</u>		Draft a Basic Cover Letter with assistance from the Career Center.		Planning for References (Job & Transfer) - can be professors, campus connections, research mentors, or others who are aware of your interests, abilities, skills and work habits and obtain letters of recommendation.		<u>Review and engage with the in-</u> <u>demand skills for the field of</u> <u>Forensic Science: Build and present</u> <u>a technical portfolio that includes</u> <u>research projects, designs, code and</u> <u>lab work.</u>	
		<u>Review and engage with the in-</u> <u>demand skills for the field of</u> <u>Engineering: Learn CAD and begin</u> <u>using engineering tools. Build</u> <u>problem-solving skills by completing</u> <u>hands-on projects or practice</u> <u>exercises.</u>		Find a Mentor to Check in with Periodically: Establish a relationship with someone who can provide guidance and advice related to your career goals.			
				Start the transfer process to a Baccalaureate program.			
Draft Basic Resume with assistance from the Career Center.		<u>Join CUNY Research Scholars</u> <u>Program (CRSP) at KCC.</u>		<u>Explore internship Opportunities</u> <u>through CUNY Career Launch or</u> <u>through the Career Center.</u>			
				<u>Join CUNY Research Scholars Program</u> <u>(CRSP) at KCC.</u>		Accept your offer to Enroll in a Baccalaureate program.	
<u>Review the CUNY Research Scholars</u> <u>Program (CRSP) at KCC.</u>		Attend Transfer Events.		<u>Review and engage with the in-</u> <u>demand skills for the field of Forensic</u> <u>Science: Apply technical skills through</u> <u>hands-on projects.</u>		Complete CUNY Cap and Gown Survey	

NOTE: Explore the highlighted Milestones by following the link to the Career-Infused Degree Map web page or relevant linked page

Important Notes:*Based on the Chemistry Ready Placement Score, students may test directly into CHM 1100 and not be required to take CHM 100. Contact the Physical Sciences Department for Chemistry Ready Placement information.^Additional Mathematics Course **above** 61 credit minimum for degree**Math Course Information**¹ Course is usually offered every semester² Course is usually offered every Fall and Spring semesters