

Degree Information

Catalog Year: **2026 - 2027**

Plan: **Engineering Science AS**

Sub Plan: **None**

Required Credits: **61 - 70**

General Requirements

Req 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 100*	0	CHM 1200	4	Additional Math 3: MAT 1500 ¹ (NEED MIN. GRADE C+)	3	PHY 1400	4
CHM 1100*	4	Additional Math 2: MAT 1000 ¹	3	PHY 1300	4	Additional Math 5: MAT 1600 ² (NEED MIN. GRADE C)	3
MAT 9010 ¹ or MAT 980 ¹ or MAT 900 ² (NEED MIN. GRADE C)	3	EGR 2100	3	Additional Math 4: CS 1200 ²	3	Choose 1: Flexible Core World Cultures & Global Issues	3
Choose 1: Flexible Core Individual and Society	3					Additional Math 6 ^A : MAT 5600 ²	3
Session B		Session B		Session B		Session B	
COURSE	CRS	COURSE	CRS	COURSE	CRS	COURSE	CRS
Additional Math 1: MAT 1400 ¹ (NEED MIN. GRADE C)	3	Choose 1: Flexible Core U.S. Experiences in Its Diversity	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

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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 (Kingsborough)</u>		<u>Create your LinkedIn profile</u>		<u>Career Planning - Research and Join Professional Organization [Student Membership]</u>		<u>Join CUNY Research Scholars Program (CRSP) at KCC.</u>	
<u>Join the Engineering Student Club, to build your network and skills.</u>		<u>Attend a Professional/Networking Event Outside of KCC</u>		<u>Attend a Professional/Networking 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 pathway via career coach. Including researching Baccalaureate Programs 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-demand skills for the field of Engineering: Learn CAD and begin using engineering tools. Build problem-solving skills by completing hands-on projects or practice 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.		<u>Review and engage with the in- demand skills for the field of Forensic Science: Build and present a technical portfolio that includes research projects, designs, code and lab work.</u>	
Draft Basic Resume with assistance from the Career Center.		<u>Join CUNY Research Scholars Program (CRSP) at KCC.</u>		<u>Explore Internship Opportunities through CUNY Career Launch or through the Career Center.</u>			
				<u>Join CUNY Research Scholars Program (CRSP) at KCC.</u>		Accept your offer to Enroll in a Baccalaureate program.	
<u>Review the CUNY Research Scholars Program (CRSP) at KCC.</u>		Attend Transfer Events.		<u>Review and engage with the in- demand skills for the field of Forensic Science: Apply technical skills through 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

^AAdditional Mathematics Course **above** 61 credit minimum for degree

Math Course Information

¹ Course is usually offered every semester

² Course is usually offered every Fall and Spring semesters