

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**

Session A

COURSE	CRS
ENG 1200	3
CHM 1100*	4
CHM 100*	0
MAT 1500 ¹ (NEED MIN. GRADE C)	3
Choose 1: Flexible Core Individual and Society	3

Session B

COURSE	CRS
Choose 1: Flexible Core World Cultures & Global Issues	3

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Session A

COURSE	CRS
ENG 2400	3
CHM 1200	4
PHY 1300	4
EGR 2100	3
Additional Math 1: MAT 1600 ² (NEED MIN. GRADE C)	3

Session B

COURSE	CRS
Choose 1: Flexible Core Creative Expression	3

3

Session A

COURSE	CRS
EGR 2300	3
PHY 1400	4
Additional Math 2: MAT 2100 ² , 5500 ² , 5600 ² , or CS 1200 ²	3
Additional Math 3: MAT 2100 ² , 5500 ² , 5600 ² , or CS 1200 ²	3

Session B

COURSE	CRS

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Session A

COURSE	CRS
EGR 2200	3
Additional Math 4: 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
Choose 1: Flexible Core U.S. Experiences in Its Diversity	3

Session B

COURSE	CRS

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**

CAREER & TRANSFER EXPLORATION ACTIVITIES	Done
<u>Claim your Handshake Account (Kingsborough)</u>	
<u>Join the Engineering Student Club, to build your network and skills.</u>	
<u>Research and explore desired career pathway via career coach. Including researching Baccalaureate Programs and Complete a Transfer Plan.</u>	
Draft Basic Resume with assistance from the Career Center.	
<u>Review the CUNY Research Scholars Program (CRSP) at KCC.</u>	

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CAREER & TRANSFER EXPLORATION ACTIVITIES	Done
<u>Create your LinkedIn profile</u>	
<u>Attend a Professional/Networking Event Outside of KCC</u>	
Draft a Basic Cover Letter with assistance from the Career Center.	
<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>	
<u>Join CUNY Research Scholars Program (CRSP) at KCC.</u>	
Attend Transfer Events.	

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CAREER & TRANSFER EXPLORATION ACTIVITIES	Done
<u>Career Planning - Research and Join Professional Organization [Student Membership]</u>	
<u>Attend a Professional/Networking Event Outside of KCC</u>	
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.	
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.	
<u>Explore internship Opportunities through CUNY Career Launch or through the Career Center.</u>	
<u>Join CUNY Research Scholars Program (CRSP) at KCC.</u>	
<u>Review and engage with the in-demand skills for the field of Forensic Science: Apply technical skills through hands-on projects.</u>	

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CAREER & TRANSFER EXPLORATION ACTIVITIES	Done
<u>Join CUNY Research Scholars Program (CRSP) at 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>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>	
Accept your offer to Enroll in a Baccalaureate program.	
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