

Degree Information

Catalog Year: **2026 - 2027**Plan: **Computer Science AS**Sub Plan: **None**Required Credits: **60**

General Requirements

Req GPA: **2.0**Req Residential Credits: **30**Req Pathways Credits: **30**Req Civic Engagement: **1**Req Writing Intensive: **1**

1

Session A

COURSE	CRS
ENG 1200	3
MAT 9010 or MAT 980 or MAT 900 ¹ (NEED MIN. GRADE C)	3
Choose 1: Flexible Core U.S. Experiences in Its Diversity	3
Choose 1: Flexible Core Individual & Society - CIS 100 (Recommended)	3

2

Session A

COURSE	CRS
ENG 2400	3
CS 1200 ² (NEED MIN. GRADE C+)	3
MAT 1500 ¹ (NEED MIN. GRADE C+)	3
Choose 1: Flexible Core World Cultures & Global Issues	3

3

Session A

COURSE	CRS
CS 13A0 ² (NEED MIN. GRADE C+)	4
CS 3500 ²	3
MAT 5600 ²	3
Choose 1: Flexible Core Creative Expression	3

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Session A

COURSE	CRS
CS 1400 ²	4
CS 3700 ²	3
MAT 1600 ² (NEED MIN. GRADE C IF TAKE MAT 2100)	3
LIFE & PHYSICAL SCIENCES	3

Session B

COURSE	CRS
MAT 1400 ¹ (NEED MIN. GRADE C)	3
MAT 1000 ¹	3

Session B

COURSE	CRS
MAT/BIO 9100 (4 cr.) ⁴ or MAT/BA 2200 (3 cr.) ¹	4

Session B

COURSE	CRS

Session B

COURSE	CRS

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

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: 18

SEMESTER CRS: 16

SEMESTER CRS: 13

SEMESTER CRS: 13

CAREER AND TRANSFER MILESTONES

1

CAREER & TRANSFER EXPLORATION ACTIVITIES	Done
<u>Claim your Handshake Account (Kingsborough)</u>	
<u>Join one of the following Student Clubs, Computer Science Club, Gaming Culture Club, Animation Club, or Entrepreneurship 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 a Basic Resume with assistance from the Career Center.	
<u>Review the proactive steps for the field of Computer Science: Explore Career Interests.</u>	
<u>Review the CUNY Research Scholars Program (CRSP) at KCC.</u>	

2

CAREER & TRANSFER EXPLORATION ACTIVITIES	Done
Draft a Basic Cover Letter with assistance from the Career Center.	
<u>Create your LinkedIn profile</u>	
<u>Attend Professional Development Events and Workshops, consider networking mixers, AI/tech meetups, and AI and career-boosting tech talks.</u>	
<u>Engage with the in-demand skills: Practice coding outside the classroom. Begin building small personal projects to strengthen programming skills. Create a portfolio for projects and coding.</u>	
<u>Review the proactive steps for the field of Computer Science: Build Projects.</u>	
Attend Transfer Events	
<u>Join CUNY Research Scholars Program (CRSP) at KCC.</u>	

3

CAREER & TRANSFER EXPLORATION ACTIVITIES	Done
<u>Explore Internship Opportunities through CUNY Career Launch</u>	
<u>Career Planning - Research and Join Professional Organization(s)</u>	
<u>Attend Professional Development Events and Workshops, consider networking mixers, AI/tech meetups, and AI and career-boosting tech talks.</u>	
<u>Engage with the in-demand skills: Collaborate with classmates on coding or app development projects. Explore emerging areas such as AI, cloud computing, or cybersecurity.</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.	
Planning for References (Job & Transfer) - can be professors, campus connections, internship positions, or others who are aware of your interests, abilities, skills, and work habits.	
Start the transfer process to a Baccalaureate program.	

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CAREER & TRANSFER EXPLORATION ACTIVITIES	Done
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.	
Continue to explore Internship opportunities.	
<u>Attend Professional Development Events and Workshops, consider networking mixers, AI/tech meetups, and AI and career-boosting tech talks.</u>	
<u>Join CUNY Research Scholars Program (CRSP) at KCC.</u>	
<u>Engage with the in-demand skills: Apply classroom knowledge through internships, volunteer projects, or freelance opportunities. Update and refine your portfolio. Take the C++ Certified Associate Programmer Certification (CPA) exam.</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:

- Many courses have a grade based prerequisite. It is crucial to review the College Catalog for all course prerequisite.
- Consultation with the Department of Mathematics and Computer Science is HIGHLY recommended to ensure that the student selects the correct courses.

¹ Course is usually offered every semester² Course is usually offered every Fall and Spring semesters³ Course is usually offered every Spring, Winter, and Summer semester⁴ Course is usually offered every Fall semester (occasionally offered also in Spring semester)