

Degree InformationCatalog Year: 2026 - 2027Plan: Computer Science ASSub Plan: NoneRequired Credits: 60General RequirementsReq GPA: 2.0Req Residential Credits: 30Req Pathways Credits: 30Req Civic Engagement: 1Req 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   | Choose 1: Flexible Core Creative Expression | 3   | Elective              | 3   |
| MAT 1500 <sup>1</sup><br>(NEED MIN. GRADE C)                         | 3   | CS 13A0 <sup>2</sup><br>(NEED MIN. GRADE C+)              | 4   | CS 3500 <sup>2</sup>                        | 3   | CS 3700 <sup>3</sup>  | 3   |
| Choose 1: Flexible Core Individual & Society - CIS 100 (Recommended) | 3   | MAT 1600 <sup>2</sup><br>(NEED MIN. GRADE C)              | 3   | MAT 5600 <sup>2</sup>                       | 3   | MAT 2100 <sup>2</sup> | 3   |
| CS 1200 <sup>2</sup><br>(NEED MIN. GRADE C+)                         | 3   | Choose 1: Flexible Core U.S. Experiences in Its Diversity | 3   | CS 1400 <sup>2</sup>                        | 4   | Elective              | 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   | LIFE & PHYSICAL SCIENCES | 3   | MAT/BIO 9100 (4 cr.) <sup>4</sup> or<br>MAT/BA 2200 (3 cr.) <sup>1</sup> | 4   |           |     |

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

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

SEMESTER CRS: 15

SEMESTER CRS: 16

SEMESTER CRS: 17

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 (Kingsborough)</u>                                                                                                                      |      | Draft a Basic Cover Letter with assistance from the Career Center.                                                                                                                                   |      | <u>Explore Internship Opportunities through CUNY Career Launch</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>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>Create your LinkedIn profile</u>                                                                                                                                                                  |      | <u>Career Planning - Research and Join Professional Organization(s)</u>                                                                                                                |      | Continue to explore Internship opportunities.                                                                                                                                                                                                                    |      |
| <u>Research and explore desired career pathway via career coach, including researching Baccalaureate Programs and Complete a Transfer Plan.</u>                         |      | <u>Attend Professional Development Events and Workshops, consider networking mixers, AI/tech meetups, and AI and career-boosting tech talks.</u>                                                     |      | <u>Attend Professional Development Events and Workshops, consider networking mixers, AI/tech meetups, and AI and career-boosting tech talks.</u>                                       |      | <u>Attend Professional Development Events and Workshops, consider networking mixers, AI/tech meetups, and AI and career-boosting tech talks.</u>                                                                                                                 |      |
| Draft a Basic Resume with assistance from the Career Center.                                                                                                            |      | <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>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>      |      | <u>Join CUNY Research Scholars Program (CRSP) at KCC.</u>                                                                                                                                                                                                        |      |
| <u>Review the proactive steps for the field of Computer Science: Explore Career Interests.</u>                                                                          |      | <u>Review the proactive steps for the field of Computer Science: Build Projects.</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>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>                  |      |
|                                                                                                                                                                         |      | Attend Transfer Events                                                                                                                                                                               |      | 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. |      | Accept your offer to Enroll in a Baccalaureate program.                                                                                                                                                                                                          |      |
| <u>Review the CUNY Research Scholars Program (CRSP) at KCC.</u>                                                                                                         |      | <u>Join CUNY Research Scholars Program (CRSP) at KCC.</u>                                                                                                                                            |      | Start the transfer process to 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.

<sup>1</sup> Course is usually offered every semester<sup>2</sup> Course is usually offered every Fall and Spring semesters<sup>3</sup> Course is usually offered every Fall semester (occasionally offered also in Spring semester)<sup>4</sup> Course is usually offered every Spring, Winter, and Summer semester<sup>5</sup> Course is usually offered every Fall, Spring, and Winter semesters<sup>6</sup> Course is occasionally offered in Fall semester<sup>7</sup> Course is usually offered every Fall semester<sup>8</sup> Course is occasionally offered