

BROOKLYN COLLEGE – FOUR-YEAR DEGREE MAP

Computer Science B.S.

FALL

FIRST YEAR

ENGL 1010 Pathways Required Core	3
MATH 1011 (Embedded prerequisite) Pathways Required Core (Depending on placement exam, students may begin with either MATH 1021 or MATH 1011 or MATH 1201. See an advisor to confirm your math placement.)	3
U.S. Experience in Its Diversity Pathways Flexible Core	3
CISC 1115 or CISC 1170 Major	4
General Elective General Elective	3
CREDITS	16

SPRING

ENGL 1012 Pathways Required Core	3
Life & Physical Sciences Pathways Required Core	3
World Cultures & Global Issues Pathways Flexible Core	3
CISC 3115 Major	4
MATH 1201 Major	4
CREDITS	17

SECOND YEAR

FALL

Individual & Society Pathways Flexible Core	3
Creative Expression Pathways Flexible Core	3
CISC 3130 Major	4
MATH 1206 Major	4
CISC 2210 Major	3
CREDITS	17

SPRING

Scientific World Pathways Flexible Core	3
Creative Expression Pathways Flexible Core	3
MATH 2501 Major	3
CISC 3305 or 3310 Major	3
General Elective General Elective	3
CREDITS	15

THIRD YEAR

College Option Pathways College Option	3
College Option Pathways College Option	3
CISC 2820W or PHIL 3318W Major	3
CISC 3142 Major	3
CISC 3220 or CISC 3230 Major	3
CREDITS	15

College Option Pathways College Option	3
College Option Pathways College Option	3
Advanced CISC Elective (3150 recommended) Major	3
CISC 3320 Major	3
General Elective General Elective	3
CREDITS	15

FOURTH YEAR

CISC 4900 or CISC 5001 Major	3
Advanced CISC Elective Major	3
General Elective General Elective	3
General Elective General Elective	3
CREDITS	12

CISC 3140 Major	3
Advanced CISC Elective Major	3
General Elective General Elective	3
General Elective General Elective	3
General Elective General Elective	1
CREDITS	13

TOTAL CREDITS: 120

42 Pathways Credits

56 Major Credits

22 Elective Credits

*Students may apply a second major, or a minor,
towards their general elective credits.*

120 Total Credits

The four-year degree map is designed to help you take the right courses in the right order so you can graduate in four years. It also helps you distinguish what courses qualify as Pathways courses, or Major courses, or Elective courses. Ideally, you should follow the four-year degree map as closely as possible, but you are free to make some adjustments. Pathways courses may be taken in any order so long as the prerequisite requirements are satisfied.

Candidates for a B.S. degree with a major in [Computer Science](#) must complete at least 60 credits in science and mathematics; 24 of these 60 credits must be completed in advanced courses numbered 2000 and above in the Department of Computer and Information Science. These 24 credits must be completed at Brooklyn College with a grade of C or higher in each course.

In conjunction with the four-year degree map, you should review Degree Works, and the Brooklyn College website, for an approved list of courses in your major. Overall, it is best to review your academic plan with your advisor on a regular basis.

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