



A.S. Mathematics to B.S. Applied Mathematics

Hostos Community College (HCC) graduates who complete the Associate of Science degree in Mathematics Science will receive 60 credits toward the Bachelor of Science degree in Applied Mathematics at John Jay College of Criminal Justice as indicated below.

Here is a sample plan of courses for two years at John Jay. Keep in mind you have control over which electives you take and how many credits you enroll in per semester. [Check out the Applied Mathematics bulletin for a full list of requirements.](#)

[Work with your advisor](#) to determine the best course sequence for you at HCC to prepare for your Bachelor of Science degree.

G = GenEd **M** = Major Requirement **E** = General Elective

Year 1 at John Jay College from Hostos			
Semester 1	Credits	Semester 2	Credits
G 300-level Justice Gen Ed	3	M Part 3 Concentration Course 1	3
M CSCI 171 Nature of Computers and Computing	3	M CSCI 172 Introduction to Data Science	3
M MAT 265	3	M MAT 302 Probability and Mathematical Statistics II	3
M MAT 301 Probability and Mathematical Statistics I	3	E MAT 341 Advanced Calculus I	3
G Learning from the Past or Communications Course	3	E Elective	3
Total	15	Total	15

Year 2 at John Jay College from Hostos			
Semester 1	Credits	Semester 2	Credits
M Part 3 Concentration Course 2	3	M Part 3 Concentration course 3	3
M Part 4 Elective Course 1	3	M Part 4 Elective course 2	3
M MAT 351 Introduction to Ordinary Differential Equations	3	E Elective	3
E Elective	3	E Elective	3
E Elective	3	E Elective	3
Total	15	Total	15

This plan assumes that students are transferring to John Jay College with 60 credits. Students are required to earn 120 total credits in order to graduate with the BS degree.

[Questions? Ask the JJ experts!](#)

[Click here to see how your courses at HCC will transfer to John Jay.](#)