



A.S. Math and Science → B.S. Applied Mathematics: Data Science & Cryptography

LaGuardia Community College (LGCC) graduates who complete the Associate of Science degree in Math & Science will receive 60 credits toward the Bachelor of Science degree in Applied Mathematics: Data Science & Cryptography 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: Data Science & Cryptography bulletin for a full list of requirements.](#)

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

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

Year 1 at John Jay College from LGCC			
Semester 1	Credits	Semester 2	Credits
G 300 level Justice Core	3	G Learning from the Past or Communications	3
M Introduction to Ordinary Differential Equations	3	M Probability & Mathematical Statistics I	3
M Concentration Course 1	3	M Concentration Course 3	3
M Concentration Course 2	3	E Elective	3
E Elective	3	E Elective	3
Total	15	Total	15

Year 2 at John Jay College from LGCC			
Semester 1	Credits	Semester 2	Credits
M Concentration Course 4	3	M Advanced Data Structures	3
M Applied Math Elective 1	3	M Applied Math Elective 1	3
E Elective	3	E Elective	3
E Elective	3	E Elective	3
E Elective	3	E Elective	3
Total	15	Total	15

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

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