

Teacher Education Honors Academy at College of Staten Island
MAJOR in Mathematics; Concentration in Adolescence Education Grades 7-12

	Fall	Spring
Year 1 Summer Orientation	MTH 231,3crs,4hrs Calculus I MTH 229,1cr,2hrs Calculus Computer Lab Science Course and Lab, 4 crs* ENG 111,3crs,4hrs Intro to College Writing COR 100,3crs,3hrs US:Issues,Ideas,&Institutions 14 crs total	MTH 232,3crs,4hrs Calculus II Science Course and Lab, 4crs* ENG 151,3crs,4hrs College Writing Gen Ed: PSY 100, 3crs,3hrs EDS 298, 1cr,1hr Seminar on Fieldwork 14 crs total
Year 2	MTH 233,3crs,4hrs Calculus III MTH 338,4crs,4hrs Linear Algebra Language 12 level, 3crs,3hrs *Gen Ed,3/4crs,4hrs- 200 level TALA (TALA must satisfy Contemporary World requirement) EDP 220 3crs, 3hrs Special Educational Needs of People with Disabilities 16/17 crs total	MTH 311,4crs,4hrs Probability MTH 341,4crs,4hrs Advanced Calculus I EDS 202,4crs,4hrs Psychological Foundations Language 114 level, 4crs,4hrs 16 crs total Apply for Adolescence Ed Program Schedule ALST Certification Test for this semester before you apply for Adolescence Ed program
Year 3	MTH 339,4crs,4hrs Applied Abstract Algebra MTH 306,4crs,4hrs History of Math EDS 201,4crs,4hrs Social Foundations Gen Ed 3crs,3-4hrs-Creative Expression 15 crs total Schedule EAS Certification Test	MTH 334, 4crs,4hrs Differential Equations <i>or</i> MTH 330,4crs,6hrs Applied Math I MTH 329,4crs, 4hrs Geometry MTH 214, 4crs, 4hrs, Applied Statistics using Computers EDS 317, 4crs, 4hrs, Secondary School Curriculum in Mathematics 16 crs total
Year 4	MTH 3__ ,4crs,4hrs EDS 303, 4crs,4hrs Teaching of Math Gen ED 3crs, 3hrs (Choose one from Any one of the 5 categories in the Flexible Core) (11 +1) crs total Schedule CST certification Test	MTH 3__ ,4crs,4hrs EDS 400,6crs Student Teaching Secondary Education EDS 401,2cr,2hr Problem Solving Student Teach 12 crs total

Total requirements = 115/116 credits and 5/4 elective credits = 120 credits (required for graduation)

*Sequence of science courses with laboratories chosen from the following:

BIO 170-171, BIO 180-181 General Biology I and II with labs; CHM 141-121, CHM 142-127, General Chemistry I and II with labs; PHY 120-121, PHY 160-161, General Physics I and II with labs; GEO 115-116, GEO 102-103, Physical Geology and Historical Geology with labs; AST 120 and AST 160