

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

	Fall	Spring
Year 1 Summer Orientation	BIO 170,3crs,3hrs General Biology I BIO 171,1cr, 3hrs Gen Bio I Lab MTH 231,3crs,4hrs Calculus I MTH 229, 1cr, 2hrs Calculus Computer Lab PHY 116,4crs,5hrs Physics I/lab ENG 111,3crs,4hrs Intro to College Writing PSY 100 3crs, 3hrs Total 18 crs	BIO 180,3crs,3hrs General Biology II BIO 181,1cr,3hrs Gen Bio II lab PHY 156,4crs,5hrs Physics II ENG 151,3crs,4hrs College Writing COR 100,3crs,4hrs US Issues, Ideas & Institutions EDS 298 1cr,1hr Seminar on Fieldwork EDP 220 3crs,3hrs Special Education Needs of People with Disabilities Total 18 crs
Year 2	BIO 4 cr Elective CHM 141, 3crs,3hrs General Chemistry I CHM 121,1cr,3hrs Gen Chem I lab EDS 202,4crs,4hrs Social Foundations Gen Ed ,3crs, 3-4 hrs (choose gen ed from 5 groups in Flexible Core) Language 112 3crs, 3hrs Total 18 crs	BIO 205,4crs,6hrs General Physiology CHM 142,3crs,3hrs General Chemistry II CHM 127,1cr,3hrs General Chemistry II lab Language 114 4crs,4hrs Gen ED 3 crs, 3-4hrs Creative Expression* Apply for Adolescence Ed Program Schedule ALST Cert Test for this semester before applying to Adolescence Ed Program Total 15 crs
Year 3	BIO 312,4crs,4hrs Genetics CHM 250,4crs,3hrs,4lab hrs Organic Chemistry I BIO 352 Cell Bio 4crs,4hrs EDS 201,4crs,4hrs Psych Foundations Total 16 crs Schedule EAS Cert. Test	BIO 322,4crs,4hrs Evolution BIO elective-4crs,3-6hrs CHM 256,4crs,3hrs,4hr lab Organic Chemistry II BIO 272 Biometrics or MTH 214, Applied Stat 4crs,4hrs EDS 318,4crs,4hrs Secondary School Curriculum in Science Total 20 crs
Year 4	BIO 360 Ecology 4crs,4hrs BIO Advanced Lab,3crs,6hrs EDS 304, 4crs,4hrs Teaching of Science *Gen Ed:4 crs, 3/4hrs 200 level TALA (TALA must satisfy Contemporary World) Total 15 crs Schedule CST Certification Test	BIO elective 4 cr, 3-6 hrs EDS 400,6crs Student Teaching in Secondary Education EDS 401,2crs,2hrs Practices & Problem Solving in Student Teaching Total 12 crs

Total requirements = 132crs All biology majors must have the approval of a Biology Advisor for classes required for the major.