COMPUTER SCIENCE/MATHEMATICS
JOINT MAJOR CURRICULUM
(Starting with the 2014 Cohort)
18 COURSES ::: 72 CREDITS
http://math.nyu.edu/degree/undergrad/

Name: _____   N#: _____

Computer Science Courses (8 Total)	Semester	Grade	AP/Transfer
CSCI-UA 101 – Introduction to Computer Science			
CSCI-UA 102 – Data Structures			
CSCI-UA 201 – Computer Systems Organization			
CSCI-UA 202 – Operating Systems			
CSCI-UA 310 – Basic Algorithms			
CSCI-UA 421 – Numerical Computing			
CSCI-UA 4_ _ CS Elective			
CSCI-UA 4_ _ CS Elective			

Math Courses (10 Total)	Semester	Grade	AP/Transfer
MATH-UA 120 – Discrete Mathematics			
MATH-UA 121 – Calculus I			
MATH-UA 122 – Calculus II			
MATH-UA 123 – Calculus III or MATH-UA 129 Honors Calculus III			
MATH-UA 140 – Linear Algebra or MATH-UA 148 Honors Linear Algebra			
MATH-UA 325 – Analysis or MATH-UA 328 Honors Analysis I			
MATH-UA 343 – Algebra or MATH-UA 348 Honors Algebra I			
Two of the following advanced math electives:			
- MATH-UA 240 – Combinatorics			
- MATH-UA 248 – Theory of Numbers			
- MATH-UA 251 – Mathematical Modeling			
- MATH-UA 262 – Ordinary Differential Equations or MATH-UA 268 Honors Ordinary Differential Equations			
- MATH-UA 263 – Partial Differential Equations			
- MATH-UA 264 – Chaos & Dynamical Systems			
- MATH-UA 329 – Honors Analysis II			
- MATH-UA 333 – Theory of Probability or MATH-UA 338 Honors Theory of Probability			
- MATH-UA 334 – Mathematical Statistics			
- MATH-UA 349 – Honors Algebra II			
- MATH-UA 352 – Numerical Analysis or MATH-UA 358 Honors Numerical Analysis			
- MATH-UA 353 – Linear and Nonlinear Optimization			
- MATH-UA 375 – Topology			
- MATH-UA 377 – Differential Geometry			
- MATH-UA 382 – Functions of a Complex Variable			
- MATH-UA 393, 394, 397, 398 – Honors I, Honors II, Honors III, Honors IV			
One General Math Elective Numbered MATH-UA 120 or Higher:			