

# HONORS in COMPUTER SCIENCE/MATHEMATICS

## JOINT MAJOR CURRICULUM

### 20 COURSES ::: 80 CREDITS

<http://math.nyu.edu/degree/undergrad/>

Name: \_\_\_\_\_

N#: \_\_\_\_\_

<i><b>Computer Science Courses (10 Total)</b></i>	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 453 - Theory of Computation			
CSCI-UA 4__ CS Elective			
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<i><b>Math Courses (10 Total)</b></i>	Semester	Grade	AP/Transfer
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 329 - Honors Analysis II			
MATH-UA 343 - Algebra or MATH-UA 348 Honors Algebra I			
MATH-UA 349 - Honors Algebra II			
MATH-UA 393, 394, 397, or 398 - Honors I, II, III, or IV			
MATH-UA 393, 394, 397, or 398 - Honors I, II, III, or IV			

\*Additionally, guided research must be sponsored by either department.

NOTES: \_\_\_\_\_  
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\*\*Please declare your major by completing the major declaration form online:  
<http://math.nyu.edu/degree/undergrad/declaring.html>