Math Honors Track 1 Requirements

Part A: Required Prerequisites

Math 1181H	Honors Calculus I	5

Part B: Major Program (Minimum grade of C- and GPA of 2.0)

Core Requirements

Math 2182H	Honors Calculus II	5
Math 3345	Foundations of Higher Mathematics	3
Math 5520H	Honors Linear Algebra and Differential Equations	5
Stat 4202	Introduction to Mathematical Statistics II	4

Required Courses

Math 4181H	Honors Analysis I	5
Math 4182H	Honors Analysis II	5
Math 5529H	Honors Combinatorics	5
Math 5530H	Honors Probability	5
Math 5590H	Honors Abstract Algebra I	5
Math 5591H	Honors Abstract Algebra II	5

Math Major Electives (choose 5 hrs)

Math 5522H	Honors Complex Analysis	5
Math 5540H	Honors Differential Geometry	5
Math 5576H	Honors Number Theory	5
	Total Hours	52

Math - Honors Track 1 Sample Schedule

	Autumn		Spring		Major Hours
Year 1 odd Au/even Sp	Math 1181H	5	Math 2182H	5	8
	ArtsSci 1100.01	3	Math 3345	3	
	GE	3	English 1110	3	
	GE	3	GE	3	
	GE	3			
		14		14	
Year 2	Math 4181H	5	Math 4182H	5	20
	Math 5529H[1]	5	Math 5530H[2]	5	
	GE	3	GE	3	
	GE	3	GE	3	
		13		11	
Year 3	Math 5520H	5	Math 5522H	5	14
	Stat 4202	4	GE	3	
	GE	3	GE	3	
		12		11	
Year 4	Math 5590H	5	Math 5591H	5	15
	Math Major Elective[3]	5	GE	3	
	GE	3	GE	3	
		13		11	

[1]Math 5529H is only offered during autumn semester of even numbered years

[2]Math 5530H is only offered during spring semester of odd numbered years

[3]Math Major Elective should be completed in year 3 or 4; specific semester depends on course selection.

Additional hours may be necessary depending on course selection. Students should contact their honors advisor for details.