Proposed 4-Year Plan: North Hall High School STEM Academy
Rising 9th Graders Pre-Registration
(For Freshmen Entering NHHS 2016 and After)

Subject	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
English	Honors 9th Grade Lit	Honors World Lit	AP Language	IB English A Y1 AP Language Dual Enrollment	IB English A Y2 AP Literature
Social Studies		Honors World History	Honors Economics & Government	IB HOA Y1 AP US History Dual Enrollment	IB HOA Y2 AP Course Dual Enrollment
Science	Honors Physical Science	*AP Biology	Honors Chemistry	AP Physics with IB Physics Y1	AP Course Dual Enrollment IB Physics Y2
Math	Honors Coordinate Algebra	Honors Anal. Geometry AND Honors Adv Algebra (Block Class)	Honors Pre-Calculus	IB Math SL Y1 (AP Calculus AB)	IB Math SL Y2
	Acccel Coordinate Algebra/Geom A	Accel Geometry B/Adv Algebra	Honors Pre-Calculus	AP Calculus AB	Dual Enrollment
Engineering Pathway		Foundations of Engineering	Engineering Concepts	IB Design Tech Y1	IB Design Tech Y2
		Foundations of Engineering	Engineering Concepts	Engineering Applications	Work-Based Learning (Honor's Level available)
Computer Science Pathway		Intro to Digital Technology	Computer Science Principles	Computer Science A	Work-Based Learning (Honor's Level available)
Biotechnology Research and Development Pathway		Honors Intro to Healthcare Science	Essentials of Biotechnology	Applications of Biotechnology	Work-Based Learning (Honor's Level available)
Foreign Language	Spanish 1	Honors Spanish II	Honors Spanish III	Spanish B Y1	Spanish B Y2
		Honors Spanish I	Honors Spanish II	Spanish ab initio Y1	Spanish ab initio Y2
		Honors Spanish I/II/III	Honors Spanish II/III	Honors Spanish III	Honors Spanish IV

Note: All STEM students should complete one pathway of study (Engineering, Computer Science, or Biotechnology Research and Development). In addition, students in the STEM Academy may elect to take IB classes their junior/senior year. All IB class titles are followed by Y1 or Y2, which stands for "Year 1" and "Year 2." Students may choose their second elective course.