

# COURSE SEQUENCE CHART FOR MATH & SCIENCE

**Bold:** Recommended Standard Sequence

♥ Bio/Medical

⚙️ Engineering/Physical Science

## Science

8TH GRADE	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
8th Grade Science	<b>Intro Bio</b> Applied Engineering Design	<b>Chemistry</b> Chemistry Honors ESSU: Earth, Solar System, Universe Conceptual Physics Natural History Applied Engineering Design ⚙️	<b>Physics</b> Chemistry Chemistry Honors ESSU: Earth, Solar System, Universe Conceptual Physics Natural History Advanced Biology ♥ Anatomy & Physiology ♥ Advanced Chemistry ♥⚙️ Ecology & Global Sustainability ♥⚙️ Applied Engineering Design ⚙️ Physics Honors ⚙️	ESSU: Earth, Solar System, Universe Chemistry Chemistry Honors Physics Conceptual Physics Physics Honors Natural History Advanced Research Advanced Biology ♥ Anatomy & Physiology ♥ Advanced Chemistry ♥⚙️ Ecology & Global Sustainability ♥⚙️ Applied Engineering Design ⚙️

## Math

8TH GRADE	9TH GRADE	10TH GRADE	11TH GRADE (Sem. 1)	11TH GRADE (Sem. 2)	12TH GRADE (Sem. 1)	12TH GRADE (Sem. 2)
Geometry M	Algebra II Algebra II H		<i>The courses listed below are available after Algebra II</i>			
Algebra M Algebra Mb	<b>Geometry</b> Geometry H	<b>Algebra II</b> Algebra II H	Analysis (year-long) <b>Pre-Calc (year-long)</b> Functions Calc A AP Calc B	Analysis (year-long) <b>Pre-Calc (year-long)</b> Calc A AP Calc B AP Calc C	<b>Calc A</b> AP Calc B Multivariate	<b>AP Calc B</b> AP Calc C
	Algebra I	Geometry Geometry H	Algebra II Algebra II H		Analysis (year-long) Pre-Calc (year-long)	
			AP Statistics AP Computer Science A Finance			
		AP Computer Science Principles				
	FCS: Foundations of Computer Science (Semester 1 & 2)					