

IB MATH - WHAT ARE MY CHOICES?

In an effort to help students and parents make informed choices, I want to clarify the math path for IB students:

1. Pre cal in the 10th grade is a pre requisite for IB Math HL which is a course taken for 2 years in the junior and senior years. *These students may choose to take Math Studies or Math SL the junior year instead of Math HL.*

2. Pre- cal in the junior year will have students in the class who may choose to study IB Math Studies or IB Math SL the senior year.

3. Algebra II honors students in the 10th grade may choose pre-cal as juniors then IB Math Studies or IB Math SL as seniors or they may choose IB Math Studies as a junior.

4. Algebra II honors students in the 11th grade may choose only IB Math Studies in the 12th grade.

The only math classes for IB are Math Studies, Math SL and Math HL. Diploma Candidates and Certificate students may take any of the math courses that are offered if they have the correct background for the course as previously described.

Math Studies Topics for study: Number and Algebra; Sets logic and Probability; Functions; Geometry and Trigonometry; Statistics; Introductory Differential Calculus; Financial Mathematics

Math SL Topics for Study: Algebra; Functions and Equations; Circular functions and Trigonometry; Matrices; Vectors; Statistics and Probability; Calculus

Math HL Topics for Study: Same core topics and SL - Algebra; Functions and Equations; Circular functions and Trigonometry; Matrices; Vectors; Statistics and Probability; Calculus **Choices of additional in depth options in the second year of further study:** Statistics and Probability; Sets, Relations and Groups; Series and Differential Equations; Discrete Math

*submitted by Mary Catherine Bradshaw
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