

Which IB Math Course is Right for You?

Course	Description	Difficulty Level	Length	Prerequisites	Topics of Study
Applied Math SL	Will help prepare you for a career in social sciences, humanities, languages, or arts.	Medium You made A's, B's or C's in IB MYP Math 2 and 3. You like math but are not ready for the challenge of college-level coursework.	2 years <i>10th-11th or 11th-12th</i>	IB MYP Math 3 <i>(9th or 10th grade)</i>	Years 1&2: <ul style="list-style-type: none"> Algebra & Functions Mathematical Models Geometry & Trig Statistics & Probability Intro to Calculus
Math Analysis SL	Will help prepare you for future studies in subjects such as chemistry, economics, psychology, and business administration.	Medium/High You made A's or B's in IB MYP Math 2 and 3. You like math and will be ready for the challenge of college-level coursework in your second year.	2 years <i>10th-11th or 11th-12th</i>	IB MYP Math 3 <i>(9th or 10th grade)</i>	Year 1: <ul style="list-style-type: none"> Algebra & Functions Geometry & Trig Statistics & Probability Deductive Proof Year 2: <ul style="list-style-type: none"> Calculus (AB)
Math Analysis HL	Will help prepare you for major study in mathematics at the university level, or for future studies in subjects such as physics, engineering, and technology.	High You easily made A's in IB MYP Math 2 and 3. You love math and want to be challenged with rigorous, college-level coursework both years and you have the time to devote to the additional studying required.	2 years <i>11th-12th only</i>	IB Math SL2 <i>(10th grade)</i> or AP Calculus AB <i>(10th grade)</i>	Year 1: (11th grade only) <ul style="list-style-type: none"> Calculus (BC) Year 2: (12th grade only) <ul style="list-style-type: none"> HL Algebra & Functions HL Geometry & Trig HL Statistics & Probability HL Complex Numbers HL Vectors

Applied Math SL: This course is designed for students who enjoy describing the real world and solving practical problems using mathematics, those who are interested in harnessing the power of technology alongside exploring mathematical models and enjoy the more practical side of mathematics.

Math Analysis SL/HL: This course is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content; it is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology.

NOTE: Students who complete Math Analysis SL will be able to sit for the AP Calculus AB exam in addition to the IB math exam. Students who complete Math Analysis HL will be able to sit for the AP Calculus BC exam in addition to the IB math exam.