

What is the best fit for you?

MATHEMATICS: ANALYSIS AND APPROACHES

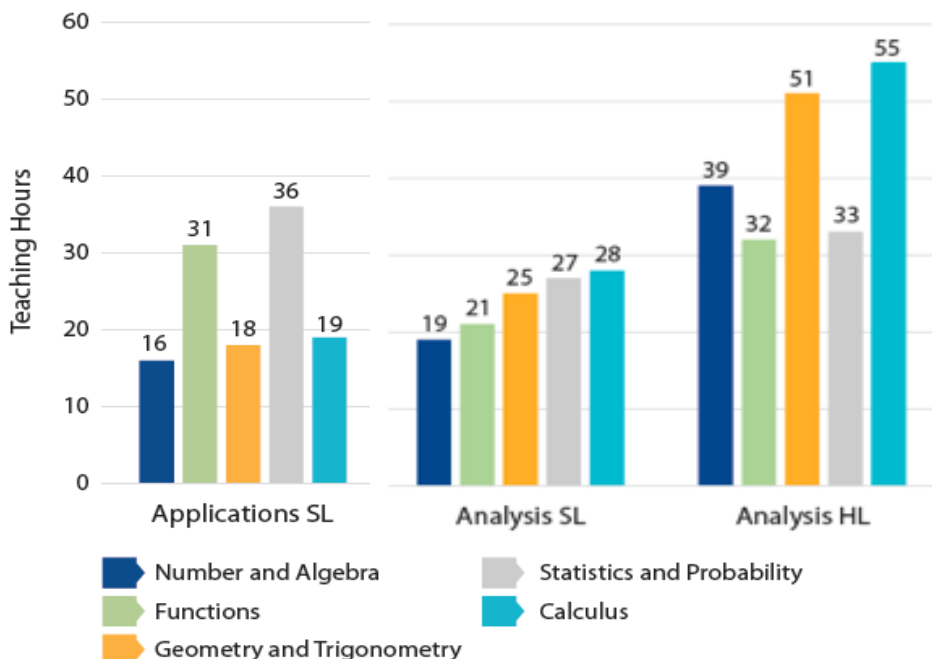
- Offered at both SL and HL
- Emphasis on algebraic methods
- Develop strong skills in mathematical thinking
- Real and abstract mathematical problem solving
- For students interested in mathematics, medicine, engineering, physical sciences, and some economics

MATHEMATICS: APPLICATIONS AND INTERPRETATION

- Offered at SL
- Emphasis on modelling and statistics
- Develop strong skills in applying mathematics to the real-world
- Real mathematical problem solving using technology
- For students interested in social sciences, natural sciences, business, some economics, psychology, and design

Mathematics Subject Breakdown

All courses cover the same 5 topics within mathematics but with varying emphasis



New DP Mathematics

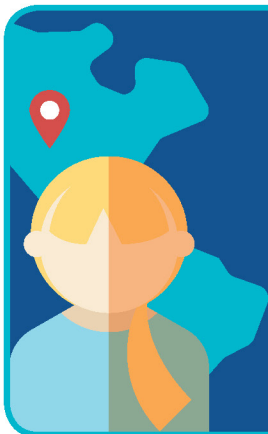
Global Recognition

Universities and governments around the world are continually recognizing the new IB mathematics courses. Depending on where or what your students want to study during their higher education, a certain mathematics course may be a better fit than others. It is best to select a course that interests you, allows you to excel, and provides a path to your future studies.

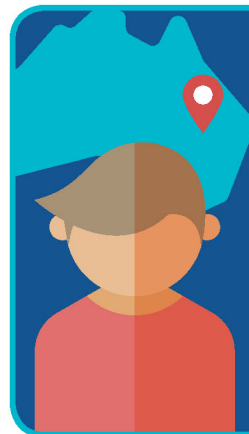
Mathematics: analysis and approaches SL/HL for students interested in mathematics, medicine, engineering, physical sciences, and some economics.

Mathematics: applications and interpretation SL for students interested in social sciences, natural sciences, business, some economics, psychology, and design.

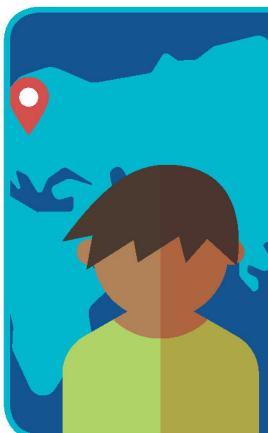
How might you advise your students on which course to take?



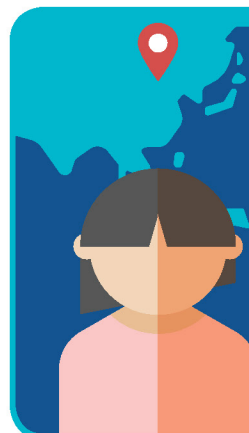
Lauren wants to study Chemical Engineering in the UK. Looking at potential universities, when she browsed the Imperial College, London website for the M'Eng course, she saw that Analysis HL will be accepted.



Javid has strong grades in math however this takes up a large portion of his study time. He intends to study economics in college. Therefore, he takes Mathematics: applications and interpretation SL to learn more about statistics and mathematical modelling.



Roberto is passionate about the social sciences. He is considering testing in higher level French, Economics, and History courses. Since he is applying to university to study psychology, Roberto feels its best to take Mathematics: applications SL.



As a result of being in the IB, Mei has an interest in studying liberal arts in college. She decides to take Mathematics: analysis and approaches SL because it has a relatively equal coverage of all maths subjects.