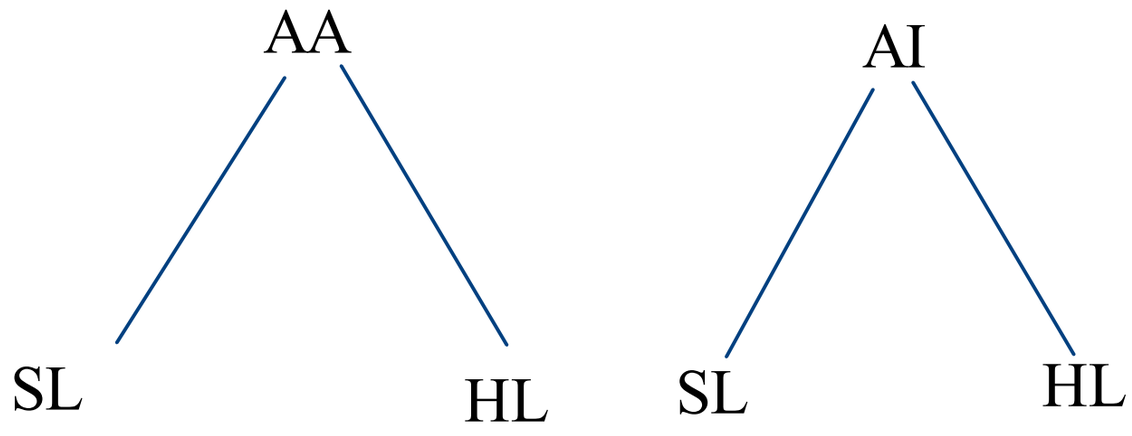


1 Rekrutacja-współczynnik (za granicą spr czy równorzędne)
2 Siły-SL/HL
3 Zainteresowania/przydatność (program studiów)

Mathematics

Applications and Interpretation

Who is it designed for?

Students considering :

- Social sciences
- Natural sciences
- Medicine
- Statistics
- Business
- Some economics courses
- Psychology
- Design

- Modelling and statistics
- Develop strong skills in applying mathematics to the real-world
- Real mathematical problem solving using technology

All 2 (SL) or 3 (HL) exams with calculator

Analysis and Approaches

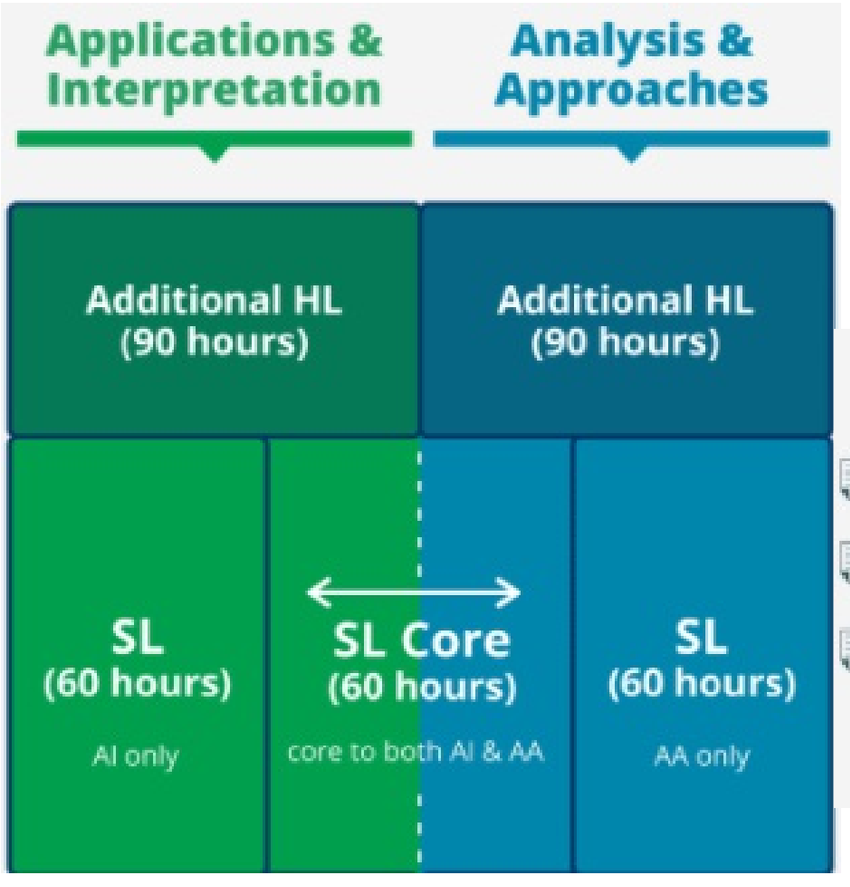
Who is it designed for?

Students considering :

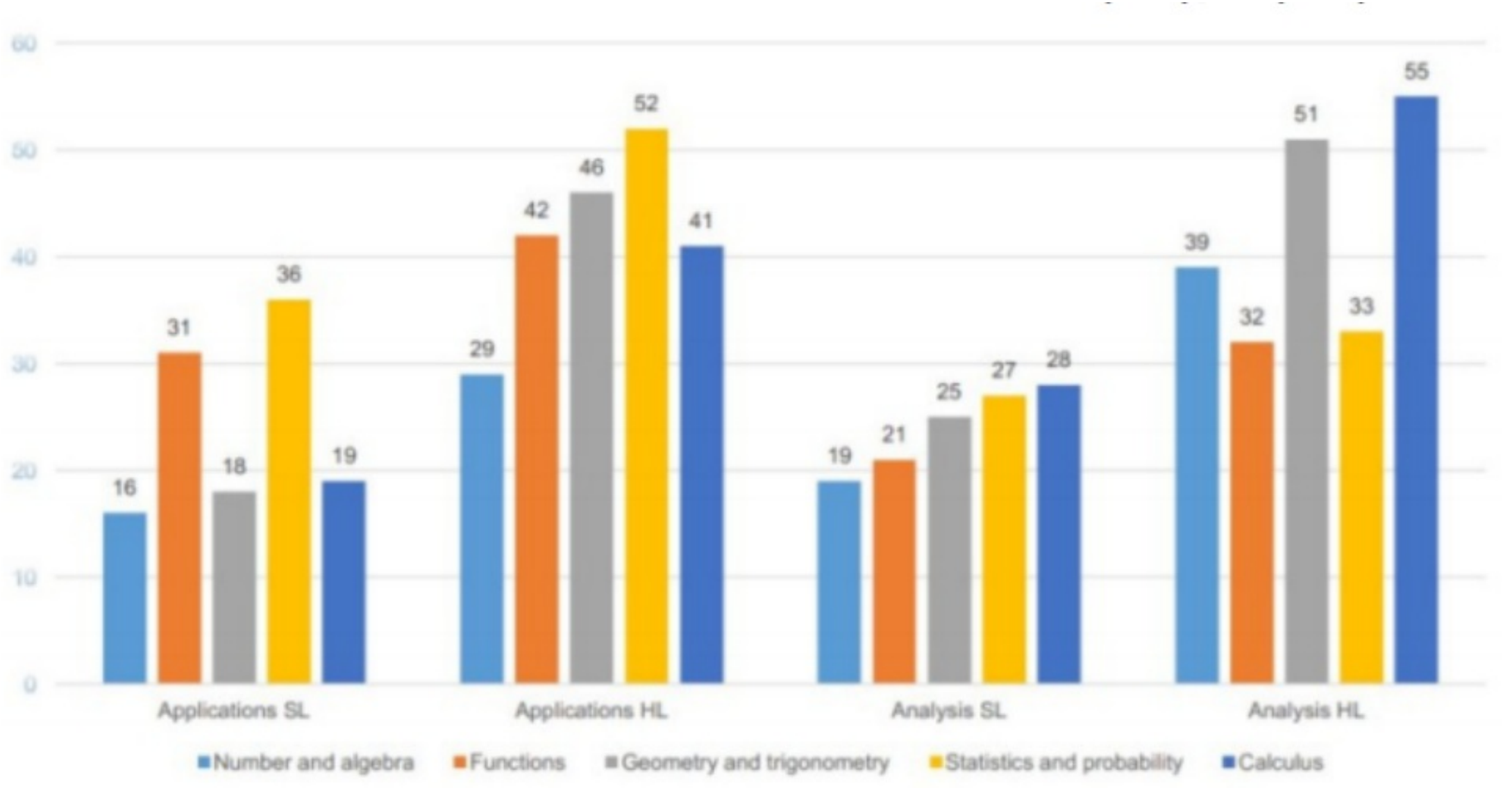
- Mathematics
- Physical Sciences
- Some Economics Courses
- Engineering

- Algebraic methods
- Strong skills in mathematical thinking
- Real and abstract mathematical problem solving

1 exam without calculator and
1(SL), 2 (HL) with calculator



	Applications & Interpretation		Analysis & Approaches	
	SL	HL	SL	HL
Total	150 hrs	240 hrs	150 hrs	240 hrs
Paper 1	40% 90min Short Response	30% 120min Short Response	40% 90min Short/Long Res.	30% 120min Short/Long Res.
Paper 2	40% 90min Long Response	30% 120min Long Response	40% 90min Short/Long Res.	30% 120min Short/Long Res.
Paper 3	-	20% 60min 2 Long Problems	-	20% 60min 2 Long Problems
IA	20% Exploration	20% Exploration	20% Exploration	20% Exploration
	4	6	4	6


60
50
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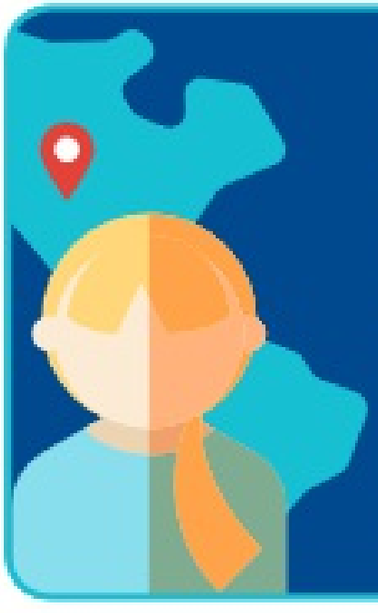
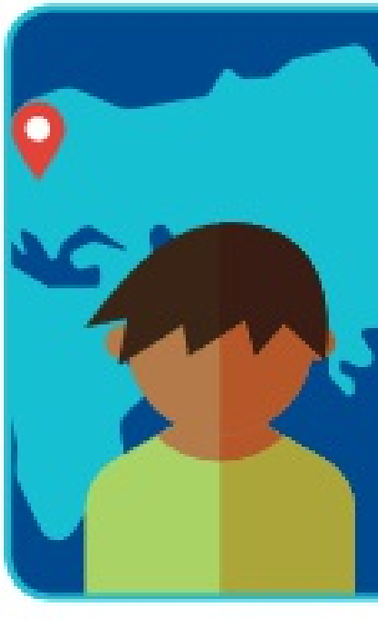
55
Applications SL
Applications HL
Analysis SL
Analysis HL
Number and algebra
Functions
Geometry and trigonometry
Statistics and probability
Calculus

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

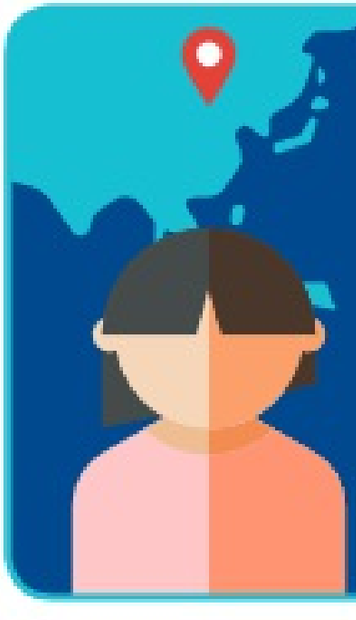


Lauren wants to study Chemical Engineering in the UK. Looking at potential universities, when she browsed the Imperial College, London website for the M'Eng course, she saw that either Analysis or Applications HL will be accepted.

Even though Javid is drawn to abstract problem solving and calculus, he intends to study economics at a top university. Therefore, he takes Mathematics: applications and interpretation HL to learn more about statistics and mathematical modelling.

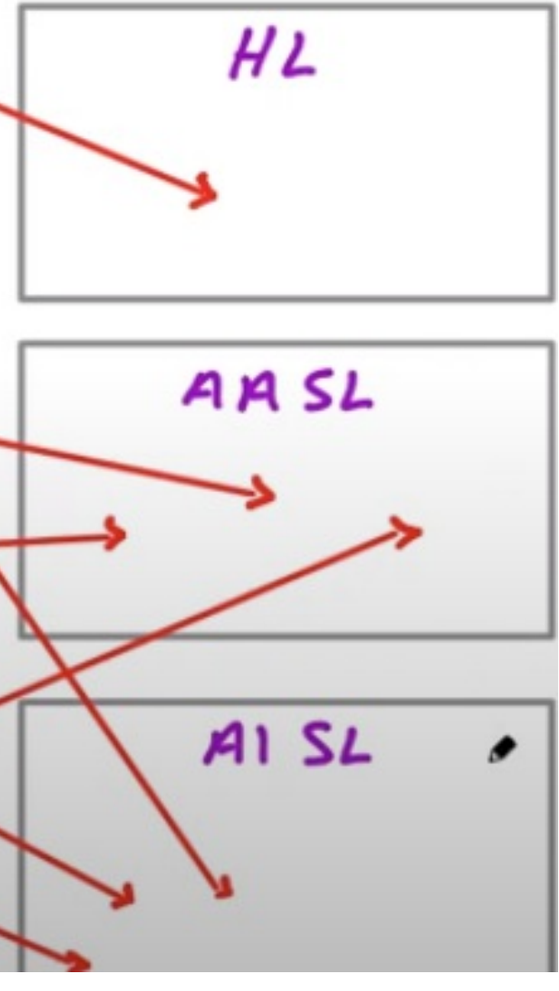


Roberto is passionate about the social sciences. He's already enrolled in higher level French, psychology, and history courses. Since he is applying to university to study psychology, Roberto feels its best to take Mathematics: applications and interpretation SL.



As a result of being in the IB, Mei has a newly sparked interest in global economies. She decides to take Mathematics: analysis and approaches SL because it has a relatively equal coverage of all maths subjects. Fortunately her desired economics program recognizes this IB course.

- I'm really good at math
- I'm really not good at maths
- I'm strong in mathematics but don't want to do HL
- I'm not good at math but I need AASL for my university
- I'm good at math but don't need a particular course for uni



PROGRAM STUDIÓW vs KURS (subiektywne polecenie)

AI

-brak (SL only)
-zastosowania matematyki
-prawdopodobieństwo
-statystyka
-modelowanie
-analiza I (HL)
-algebra I i II (HL)
-matematyka dyskretna (HL)

AA

-wstęp do matematyki (SL)
-trygonometria
-analiza
-algebra I(HL)
-analiza I (SL)
-analiza II (HL)
-szeregi (HL)

Zapraszamy do kontaktu:
AA HL Marcin Borowiak
AA SL Paulina Imbierowicz
AI SL/HL Sara Bolka-Twyrdy