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IB Update

IBSCA HE Conference
6th June 2018

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Overview

- Numbers of IB applicants to UK HEI
- UK HEI entry requirements
- Revisions to IB Diploma subjects
- Alignment with the CEFR
- The IB Career-related Programme
- The MYP

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IB Programmes are globally recognized

THE BIG NUMBERS

5145
Authorized IB World Schools around the world

2837
Number of State funded schools

1,500,000
Number of students with access to the four IB programmes

Primary Years Programme **1,671** Programmes

Middle Years Programme **1,495** Programmes

Diploma Programme **3361** Programmes

Career-related Programme **184** Programmes

IB schools in 153 countries

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2013 to 2017 Diploma entries and UCAS applications

2013	2014	2015	2016	2017
140012	148655	153674	163485	c173500

Source IB Statistical Bulletins; 2017 is an estimate

2013 applicants	2014 applicants	2015 applicants	2016 applicants	2017 applicants
11990	13435	14785	15320	15590

Source UCAS 'Exact' Note that IB applicants represent 3% of the A Level & BTEC applicant total

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2016 & 2017 UCAS cycles IB applicants and acceptances

Domicile	2016 No of Applicants	2017 No of Applicants	Acceptance rate
UK	3805	3855	83%
EU	4915	4900	70%
Not EU	6600	6835	62%
Grand total	15320	15590	70%

Source UCAS 'Exact'

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IB students applying to UK HEI: Country of schooling

COUNTRY	Number of Transcripts 2017
UNITED KINGDOM	4544
HONG KONG	1616
INDIA	1104
SWITZERLAND	1097
UAE	812
MALAYSIA	774
CHINA	771
POLAND	757
SPAIN	575
GREECE	561
SINGAPORE	556
GERMANY	531
ITALY	528
UNITED STATES	392
JORDAN	380
INDONESIA	354
SWEDEN	348
EGYPT	316
THAILAND	295
FRANCE	285
NETHERLANDS	283

Total 22386 (2016 20848)

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IB students applying to UK HEI: Nationality

COUNTRY	Number of Transcripts 2017
UNITED KINGDOM	4802
INDIA	1520
ITALY	912
HONG KONG	865
MALAYSIA	865
POLAND	835
UNITED STATES	732
CHINA	723
GERMANY	713
SPAIN	624
GREECE	573
KOREA, REPUBLIC OF	533
JORDAN	423
FRANCE	420
RUSSIAN FEDERATION	400
SWEDEN	317
EGYPT	314
CANADA	307
INDONESIA	289
NETHERLANDS	262
SWITZERLAND	239

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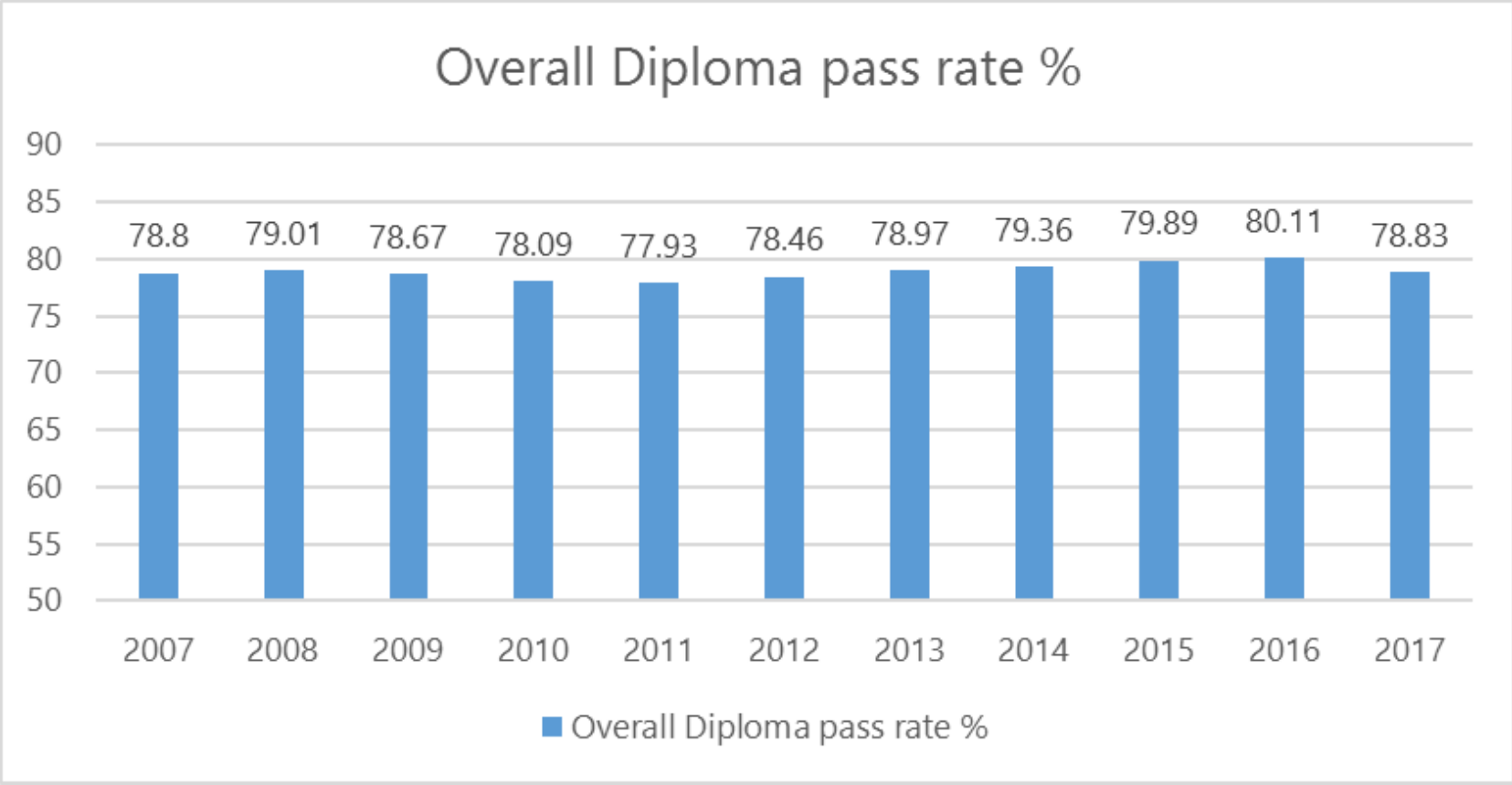
Pass rate continues to be constant



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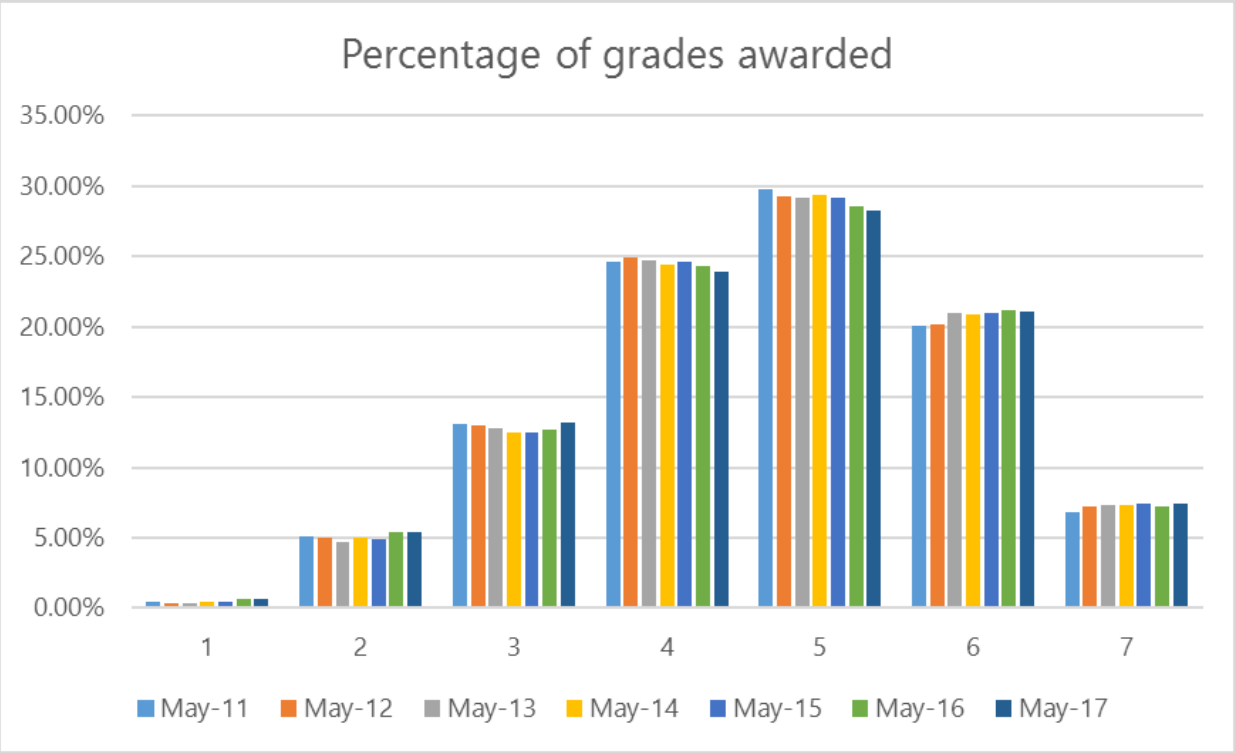
Student performance



Global

- Mean grade: 4.66
- Mean points: 30
- Pass rate: 78.41%

IBAEM:

- Mean grade: 5.10
- Mean points: 32.13
- Pass rate: 88.63%

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3 options for 16-19 age students

The basic component of all our 16-18 programmes are the individual subject courses are called 'Diploma Courses' and are available at two levels: Higher and Standard

6 subjects + Extended Essay + Theory of Knowledge + CAS = 'Full' IB Diploma (5 A Level equivalent)

1 + subjects = 'Diploma Courses' May be offered with other quals, eg A Level or AP

2 + subjects + RP + language + PPS + CS + professional qual from another AB = 'IB Career-related Programme"

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Combining Diploma Courses

HL Chemistry

HL Visual Art

SL English A Literature

Diploma Courses

HL Chemistry

HL Physics

HL Mathematics

SL German B

SL History

SL English A Literature

DP Core

The IB Diploma is 5 A Level equivalent package

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Diploma Courses

- All Diploma Courses (individual subjects) are Ofqual registered qualifications which are equivalent to A Level or AS Level:
- HL 360 GLH = A Level (360 GLH)
- SL 225 GLH > AS Level (180 GLH)
- UCAS tariff points and the DfE 16-19 school accountability points reflect this
- Summaries of our courses are available on our website as 'DP subject briefs':
- http://www.ibo.org/university-admission/ib-recognition-resources-and-document-library/

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2017 UCAS Tariff

- The 'old' tariff was disaggregated so that only the component parts are on the tariff
- Eg to achieve 34 total IB points there are 564 possible combinations. The 3 most common are:

HL	SL	EE/TOK	Tariff points
556	566	CC	192
556	556	BC	186
566	556	CC	200

- Has this been a problem?

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Equivalences of HL to A Level

- UCAS
- DfE 16-19 school accountability measures
- Actual practice

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UCAS Tariff points – HL & SL

IB HL Grade	Tariff points	A Level Equivalent
7	56	A*
6	48	A
5	32	C
4	24	D
3	12	E-

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School Accountability Measures Achievement points – HL

IB HL Grade	2016 Achievement points	A Level Equivalent
7	60	A*
6	48	A-
5	36	B/C
4	24	C/D
3	12	E+

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Examples of actual practice

IB Grade	A Level Grade			
	Bath	Birmingham	King's	Leeds
7	A*	A*	A*	A*
6	A	A	A	A
5	B	B	B	B

IB Grade	A Level Grade			
	Manchester	Exeter	Bristol	Oxford
7	A*	[A*]		A*
6	A	A	A* & A	A
5	B	B	B	
4			C	

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Entry Requirements - 1

The most common method remains to require points total points and points at HL. Total points almost always include the Core.

- Bath 36 points + xxx @ HL (where the HL points equate to the A Level offer)
- Kings College 35 points + xxx @ HL for most subjects, except ABB A Level = 34 points + 655 (Midwifery, Nutrition); BBB = 32 + 555 (Nursing)
- Leeds 35 points + total points @ HL (except A*AA equivalent = 36 + 17/18 @ HL)
- Nottingham English 34-36 + 6 @ HL English
- Essex English 30 points + 5 @ HL humanities/English
- Plymouth Geography 28 points + 5 HL Geography

- Manchester and Bristol use a sliding scale:

A Level grade	Manchester	Bristol
A*AA	37 766	38 18 @ HL
AAA	36 666	36 18 @ HL
AAB	35 665	34 17 @ HL
ABB	34 655	32 16 @ HL
BBB		31 15 @ HL
BBC		29 14 @ HL

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Entry Requirements - 2

- A smaller number of HEI ask for UCAS tariff points, eg Christ Church Canterbury 88-112 tariff points
- Some evidence of 'alternative' offers, eg Kent, Anthropology 34 points or 16 @ HL, Exeter as well
- Some evidence of requiring just total points, eg Coventry (History & Politics) 27, Manchester Met (English) 26, Middlesex (Accounting) 28 points
- Some evidence of asking for just HL, eg RVC 766, English @ Nottingham Trent 14 points @ HL including 4 in English; BCU 14 points @ HL
- There has been movement on Diploma courses, eg King's:
  - "King's will consider applications from students who have chosen not to enrol in the full IB Diploma Programme (DP) and have, instead, chosen to complete independent DP subject courses and the core components of Theory of Knowledge and the Extended Essay"
  - Leeds: "Applicants presenting with more than one IB Certificate will be considered on a case-by-case basis."

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Unconditionals

- Continued growth
- Comments?

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CEFR alignment study

- Commissioned from UK NARIC; released November 2016: "Benchmarking Selected IB Diploma Programme Language Courses to the Common European Framework of Reference for Languages"
- Summary: http://ibo.org/globalassets/publications/ib-research/dp/ib-dp-cefr-benchmarking-summary-en.pdf
- Full report: http://ibo.org/globalassets/publications/ib-research/dp/ib-dp-cefr-benchmarking-report-en.pdf

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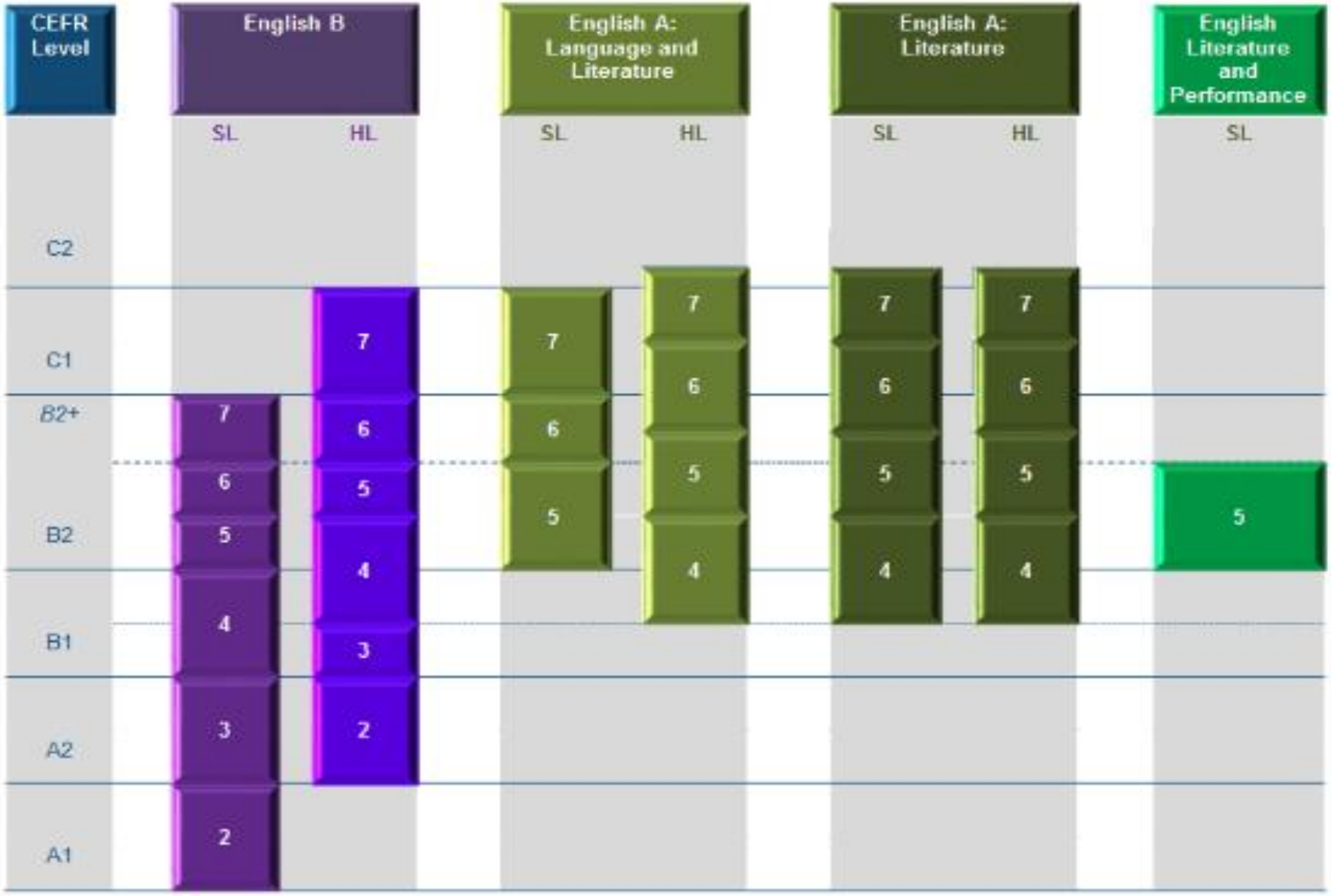
Alignment of DP English courses with CEFR levels



Revised courses for 2018 HE entry

IB courses undergo a regular 7 year cycle of revision.

First Exam May 2018

- Sports Exercise & Health Science SL and HL
- Extended Essay

First Exam May 2019

- Geography
- Psychology
- Social & Cultural Anthropology
- Film

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Further ahead

First teaching September 2018 (first exam 2020)

- Language B – will include an assessed listening component

First teaching September 2019 (first exam 2021)

- Mathematics – completely revised courses
- Language A (ie English)

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DP Mathematics

Currently:

- Further mathematics HL, Mathematics HL, Mathematics SL, Mathematical studies SL

In development for first teaching 2019, first examination 2021:

Mathematics: Analysis and approaches HL and SL

Analytic methods with an emphasis on calculus – appropriate for pure mathematicians, engineers, scientists, economists, those with an interest in analytic methods – current calculus option content will form part of the HL course.

Mathematics: Applications and interpretation HL and SL

Applications and interpretation with an emphasis on statistics and use of technology – appropriate for social scientists, some economists, those with an interest in the applications of mathematics and how technology can support this – SL will be appropriate for students who would previously have taken Mathematical studies SL – current statistics and discrete option content will form part of the HL course.

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Mathematics: analysis and approaches
Mathematics: applications and interpretation

5 key areas of Maths
- Number & Algebra
- Functions
- Geometry & Trigonometry
- Statistics and Probability
- Calculus

SL Common Core 60 hours

Inquiry Investigation and Modelling 30 hours	**Inquiry Investigation and Modelling 30 hours**
A & A SL/HL Common Content 60 hours	**A & I SL/HL Common Content 60 hours**
A & A AHL 90 hours	**A & I AHL 90 hours**

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Time allocations

Syllabus component	Analysis Teaching hours		Applications Teaching hours	
	SL	HL	SL	HL
Topic 1 - Number and algebra	19	39	16	29
Topic 2 – Functions	21	32	31	42
Topic 3 - Geometry and trigonometry	25	51	18	46
Topic 4 - Statistics and probability	27	33	36	52
Topic 5 - Calculus	28	55	19	41
The "toolkit" and Mathematical exploration Investigative, problem-solving and modelling skills development leading to an individual exploration. The exploration is a piece of written work that involves investigating an area of mathematics.	30	30	30	30
Total teaching hours	**150**	**240**	**150**	**240**

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Questions regarding Maths

- Which subjects will each pathway support?

- Analysis: Pure Maths, Physics
- Applications: Human Sciences/Social Sciences, Biosciences

- Economics?
- Engineering
- Computer Science?

- What do universities need from us?

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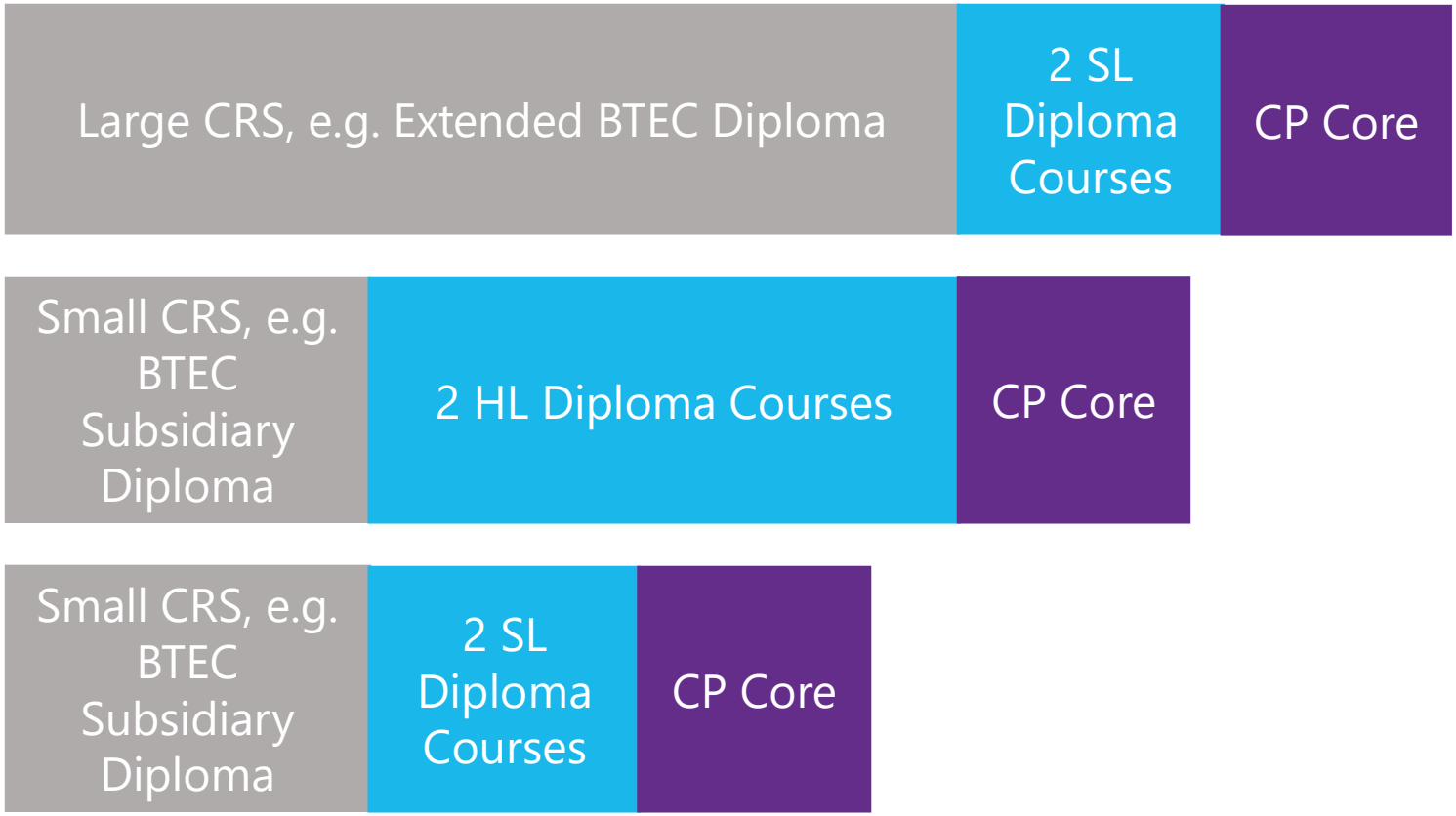
Variable Programme Size



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Which CRS will universities accept?

- BTEC RQF – subsidiary diploma, diploma, extended diploma
- BTEC QCF for international students
- Cambridge Technicals
- Cache
- CISI Diploma in investment, risk & finance
- LIBF Diploma in personal finance
- City & Guilds
- UAL Diploma

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Examples of Course Combinations and outcomes

Triple A Level equivalent CRS

- Extended BTEC Diploma Applied Science, SL Maths St, SL Psychology: Automotive Engineering @ Loughborough
- Extended BTEC Diploma Sport, SL Biology, SL Psychology: Sports, Exercise & Health Science @ Brunel
- Extended BTEC Diploma Health & Social Care, SL Biology, SL Social Anthropology: Midwifery @ Canterbury Christ Church

Double A Level equivalent CRS

- BTEC Diploma Performing Arts, HL Film, SL English Lit: Film & Drama @ Kent
- BTEC Diploma Applied Science, SL History, SL Social Anthropology: Business Management @ Bishop Grosseteste

Single A Level equivalent CRS

- IFS Diploma, HL ITGS, HL Visual Art, A Level English: English Literature @ Greenwich

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HEI accepting IBCP students 2014-7

- Anglia Ruskin (2.5)
- Bishop Grosseteste (2)
- Birmingham (3)
- Bournemouth (2)
- Brighton (3)
- Brunel (3)
- Canterbury Christ Church (2)
- Chichester (flexible)
- Coventry (2/3)
- Derby (2)
- Durham (3)
- Edinburgh Napier (3)
- Exeter (3)
- Essex (3)
- Falmouth (flexible)
- Gloucester (2)
- Greenwich (3)
- Hertfordshire (2)
- Kent (3)
- King's College, London (3)
- Kingston (2)
- Lancaster (3)
  Leeds Beckett (2)
- Lincoln (3)
- Loughborough (3)
- Middlesex (3)
- Newcastle (3)
- Northampton (2)
- Northumbria (? States dna CP)
- Nottingham Trent (3)
- Portsmouth (2/3)
- Plymouth (2/3)
- QMUL (3)
- Reading (3)
- Roehampton (3)
- Southampton (3)
- Southampton Solent (2)
- Surrey (3)
- University of the Arts, London (3)
- University of East Anglia (3)
- University of East London (3)
- UCA (3)
- UCL (3)
- Westminster (3)
- Winchester (2)
- York (3)

Note 2 generally means 2 full A Level equivalents **plus** AS equivalents

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Subjects studied

- Accounting & Management
- Aeronautical Engineering
- Arabic & English
- Archaeology & History
- Art & Design
- Automotive Engineering
- Business Administration
- Business & Management
- Computer Science
- Creative Arts
- Criminology
- Digital Media
- Drama
- Early Years
- Engineering
- English Literature
- Events Management
- Film
- Forensic Investigation
- Geography
- History
- Independent Games production
- Interior Design
- Journalism
- Law
- Marketing & Advertising
- Media & Film
- Midwifery
- Music Technology
- Nursing
- Palaeobiology
- Paramedic Science
- Performing Arts
- Physics
- Primary Education
- Policing
- Politics
- Sports Management
- Sports Science

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MYP equivalence to GCSE

- MYP is Ofqual regulated and is a Level 1/2 qualification
- Graded 1 to 7 in each subject but Ofqual gives no guidance where the boundary between Level 1 and 2 should be
- Most schools still following old format – in school assessment as e-Assessments only introduced in May 2016 and they are waiting to see
- No formal equivalence between MYP and (i)GCSE grades
- IB to develop research in 2018. However the key problem is equivalence between what – too many changing goal posts!
  - In school moderated MYP, new e-Assessments?
  - Old GCSE, reformed GCSE, iGCSE (A*-G), revised iGCSE (9-1)?
- Most likely will be between e-Assessed MYP and iGCSE.
- In the meantime our advice is to use Total IB points and the SL and HL predicted grades as the key attainment evidence.

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MYP and HE

Bristol:

"Please note that the International Baccalaureate Middle Years Programme is accepted as a level 2 qualification and alternative to GCSE."

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Contact

Enquiries regarding IB Programmes:

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