

AS Level Entrance Exam Guide

This information is only presented in English as students applying for the AS programme (Year 12) should already have advanced level English.

English

This is the same as the IGCSE entrance test. Kindly refer to the IGCSE study guide and sample papers.

Maths

All students study mathematics at DHSZ during years 12 and 13. There are a few options when it comes to what level of mathematics you can study.

In years 12 and 13 we teach the CAIE mathematics courses and we offer the following pathways:

- CAIE 9709 AS-level Mathematics
- CAIE 9709 A-level Mathematics
- CAIE 9709 & CAIE 9231 A-level Mathematics and A-level Further Mathematics

There are two entrance papers that incoming year 12 students can therefore take, Paper A and Paper B.

Paper A is based on the Edexcel international IGCSE mathematics (papers 3H and 4H) and it is designed to assess the students' suitability for studying normal mathematics at DHSZ.

Paper B is based on the Edexcel international IGCSE further mathematics and it is much harder than paper A. The purpose of this paper is to assess whether or not the students have the capacity to study further maths at DHSZ.

Both Paper A and Paper B are 1 hour in duration.

A scientific calculator can be used (recommended model – Casio fx-85 or Casio fx-991). Graphical calculators are forbidden to be used.

Pearson Edexcel International GCSE Mathematics syllabus and information:

<https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses/international-gcse-mathematics-a-2016.html>

Pearson Edexcel International GCSE Further Mathematics syllabus and information:

<https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses/international-gcse-further-pure-mathematics-2017.html>

You are advised to click on the relevant links and practice the sample papers

Optional subjects

Optional subject	Entrance test contents
Art	30-minute observational pencil drawing task to take place in the Art studios at DHSZ and submission of an e:portfolio demonstrating an ability to work in a variety of media.
Biology	Questions will be asked to test the knowledge and skills contained in the IGCSE course. Practical elements will not be tested. Syllabus: https://www.cambridgeinternational.org/Images/595426-2023-2025-syllabus.pdf Papers: http://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-biology-0610/past-papers/
Chemistry	Questions will be asked to test the knowledge and skills contained in the IGCSE course. Practical elements will not be tested. Syllabus: https://www.cambridgeinternational.org/Images/664563-2025-2027-syllabus.pdf Papers: http://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-chemistry-0620/past-papers/
Computer Science	No test required.
Economics	Discursive essay – produce a written discussion relating to a presented topic.
Geography	Discursive essay – produce a written discussion relating to a presented topic.
Physics	Questions will be asked to test the knowledge and skills contained in the IGCSE course. Practical elements will not be tested. Syllabus: https://www.cambridgeinternational.org/Images/664565-2025-2027-syllabus.pdf Papers: http://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-physics-0625/past-papers/
Psychology	Discursive essay – produce a written discussion relating to a presented topic.