

**Application to the International Baccalaureate Diploma Programme**  
at Gymnázium Jura Hronca in Bratislava  
school year **2022/23**

**INSTRUCTIONS FOR FILLING IN THE APPLICATION**

Completely fill in all parts of the application and attach all the documents required in the application.

Attach the following **required attachments** to your application electronically:

- A. GRADE REPORTS – copies of your school reports (or transcripts) for the last **three** semesters.
- B. AWARDS AND CERTIFICATES – copies of any awards or certificates, you have received for your extracurricular activities.
- C. COPY OF RECEIPT confirming the registration fee of 15 € has been paid into School's Foundation Bank Account. This is to cover administrative and material cost of the selection process. You can make the payment either by bank transfer or postal order.

**Bank details:** Nadácia Novohradská, Novohradská 3, 821 09 Bratislava  
**account number:** SK84 0900 0000 0006 3220 5012      **SWIFT:**GIBASKBX  
**constant symbol** 0308      **variable symbol** 20222023

**DATES AND DEADLINES:**

**April 4, 2022:** all application materials have to be submitted by this date.

**April 23, 2022:** date of the **written entrance examination**

Important details about the entrance examination:

- Only candidates with complete application materials will be invited to attend
- The conditions of admittance and form of the Selection Process will be available on our web site in *the Rules and Regulations of the Selection Process* by February 15, 2022.
- Upon the entry to the school building on the day of written examinations applicants must produce the *Letter of Invitation* which should be received by April 20, 2022 at the latest.

**Should you fail to receive an invitation letter from us by April 20, 2022 please call us at +421 2 210 28 338 or send us an e-mail to [ibdcoordinator@gjh.sk](mailto:ibdcoordinator@gjh.sk) to make sure that we have received your application form.**

**SYLLABI FOR THE WRITTEN ENTRANCE EXAMINATION:**

Sample tests can be found on our webpage <http://ib.gjh.sk>

**ENGLISH LANGUAGE:**

The entrance written exam in English tests the applicant's abilities in reading comprehension and his knowledge of grammar and lexis on the upper-intermediate level. The aim of the test is to verify that the applicant will be able to manage the demanding study of different subjects in English.

**MATHEMATICS:**

The test will cover material taught at primary school and also the first one and a half year of the Slovak grammar school curriculum:

Basic manipulation of algebraic expressions. Concept and notation of sets. Operations on sets: union and intersection. Prime numbers and factors. Definition of absolute value (modulus). Number systems: natural numbers, integers, rationals, irrationals and real numbers. Intervals. Definition of a function and its properties. Linear and quadratic functions, their graphs and properties. Solution of linear and quadratic equations and inequalities. Counting principle, permutations and combinations. Geometry of a plane. Geometrical transformations: translation, reflection, rotation, enlargement. Congruence and similarity. Definition of the functions:  $\sin x$ ,  $\cos x$ ,  $\tan x$ , their graphs and properties. Solving triangles including compound shapes.

The test will be available in English.

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**INFORMATION ON IBD STUDIES**
**INSTRUCTIONS TO SELECTION OF IBD SUBJECTS:**

- in **group 1**, choose the language for a literature course for native or near – native speakers (normally your best language) and specify at its level
- in **groups 2 – 5**, choose **one subject**
- when both levels are offered, choose the desired level:
- HL = higher level, 5 hrs. weekly
- SL = standard level, 3 hrs. weekly
- (HL and SL differ in weekly time commitment, in depth and breadth of scope, sometimes also in content)
- Mathematics is classified in the Group 5. If a student decides to take Computer Science, he/she may not have problems in Mathematics.
- a foreign language at SL **is not** for beginners
- in group 6, choose 1 subject and its level
- **your selection must include 3 HL subjects and 3 SL subjects or 4 HL subjects and 2 SL subjects; your selection must include Mathematics**

**LIST OF OFFERED SUBJECTS****GROUP 1 - language A (mother tongue)**

Slovak	SL	HL
English <sup>1)</sup>	SL	HL

**GROUP 2 - second language**

English B		HL
German B	SL	HL
Spanish B	SL	HL

**GROUP 3 - individuals and societies**

Psychology	SL	HL
History	SL	HL
Economics	SL	HL
Geography	SL	HL

**GROUP 4 - experimental sciences**

Physics	SL	HL
Chemistry	SL	HL
Biology	SL	HL
Computer Science	SL	HL

**GROUP 5 - mathematics**

Mathematics	SL	HL
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**GROUP 6 – electives**

Another subject from groups **2, 3, 4, 5** or a **Visual Arts**  
(specify which and what level)

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**Note:** The above list is the list of subjects offered by our school. A subject will be offered if **6 or more** applicants show interest. The final version of your schedule will depend on overall interest for each subject. **Each student will specify the definite list of the subjects, in case of acceptance, at the meeting in May.**

<sup>1)</sup> for foreign students, who cannot speak Slovak very well, for students with dual citizenship and for students, who have been studying at schools abroad in English language

Besides the subjects above, every students attends the following lessons and activities:

- **Extended Essay** – during your study, the student chooses one of the subjects above to produce an essay in total extent of 4000 words.
- **Writing** – learning the essentials of essay writing in English (2 lessons per week). Subject useful e.g. for subjects of Group 3 (individuals and societies) but also in applications for universities in UK or USA, which require so-called personal statement.
- **Theory of Knowledge** – subject studying how we know the things we know and what is it that we can know at all and with what reliability.
- **Creativity-Action-Service (CAS)** – subject crossing the borders of school work and extra-curricular activities. This includes all activities providing creative and physical development of students, such as science Olympiads and clubs, sport activities including the PE lessons and, most of all, the community service. This means various kinds of volunteering activities: tutoring young pupils (at our school, there is always someone to help), work for non-profit organizations (e.g. Slovak Red Cross), managing clubs and Olympiads for younger students, be it at our school or other schools (e.g. chess club or English club at school for visually handicapped persons). We will start in August with restoration of Banská Štiavnica Calvary – make sure you can join us on **29 August – 2 September 2022**. CAS – Service simply includes anything that fits into: I study mostly for myself but I am here for others, if they need me.