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# **ACCESS AND ADMISSION POLICY**

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**FOR THE IB DIPLOMA PROGRAMME  
AT VILNIUS LYCEUM**

**Adopted: November 6, 2024**

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**This document has been produced on the basis of and in alignment with the following national regulations, IBO publications and school policies:**

- *Priėmimo į Vilniaus miesto savivaldybės bendrojo ugdymo mokyklas tvarkos aprašas (Regulations for Enrollment in General Education Schools of the Vilnius City Municipality, approved annually by Vilnius City Municipality Council)*
- *The Diploma Programme: From Principles to Practice, 2015*
- *Programme Standards and Practices, 2018 (updated 2023)*
- *Diploma Programme: Assessment procedures, 2024*
- *Access and inclusion policy, 2022 (updated 2023)*
- *Learning diversity and inclusion in IB programmes. Removing barriers to learning, 2016 (updated 2020)*
- *Mokinių priėmimo į Vilniaus licėjų ir klasių komplektavimo tvarka, patvirtinta Vilniaus licėjaus direktoriaus 2024 spalio 15 d. įsak. Nr. V1-144 (Regulations for the Admission of Students to Vilnius Lyceum and the Formation of classes, approved by the principal of Vilnius Lyceum 2024, <https://licejus.lt>)*
- *Access and Inclusion Policy for the IB DP at Vilnius Lyceum, 2024*
- *Language Policy for the IB DP at Vilnius Lyceum, 2024*

## IB MISSION STATEMENT

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*The International Baccalaureate aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.*

*To this end the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment.*

*These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right<sup>1</sup>.*

## THE IB LEARNER PROFILE

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The IB Learner Profile is the IB's mission in action, shaping its educational philosophy and values. It encourages the development of internationally minded individuals who, by recognizing their shared humanity and responsibility for the planet, contribute to a better and more peaceful world.

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<sup>1</sup> (International Baccalaureate Organization 2019)

We expect our learners to cultivate all the attributes of the IB Learner Profile, which are crucial for fulfilling the mission, succeeding in the Diploma Programme, and becoming responsible members of the global community.

As IB learners we strive to be:

- **Inquirers** - we nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.
- **Knowledgeable** - we develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.
- **Thinkers** - we use critical and creative thinking skills to analyse and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.
- **Communicators** - we express ourselves confidently and creatively in more than one language and in many ways. We collaborate effectively, listening carefully to the perspectives of other individuals and groups.
- **Principled** – we act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere. We take responsibility for our actions and their consequences.
- **Open-minded** – we critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.
- **Caring** - we show empathy, compassion and respect. We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.
- **Risk-takers** - we approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.
- **Balanced** - we understand the importance of balancing different aspects of our lives—intellectual, physical, and emotional—to achieve well-being for ourselves and others. We recognize our interdependence with other people and with the world in which we live.
- **Reflective** - we thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development <sup>2</sup>.

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<sup>2</sup> (International Baccalaureate Organization 2013)

## PURPOSE OF THIS POLICY

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The school's *Access and Admission Policy* for the International Baccalaureate Diploma Programme (DP) applies to both local and international candidates.

The purpose of this document is to:

- articulate Vilnius Lyceum's approach to access and admission to the IB Diploma programme (DP)
- explain how the DP is promoted to prospective students
- outline the admissions procedures
- provide guidance on choosing the DP subjects at Vilnius Lyceum.

## ACCESS AND ADMISSION APPROACH

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The school's *Access and Admission Policy* promotes diversity within the student body while ensuring that all IB DP students benefit from a comprehensive educational experience. Recognizing the varied backgrounds, abilities, and needs of learners, the school provides equal opportunities for all candidates to apply in accordance with IB and school procedures.

Although the IB Diploma Programme is open to all students, a competitive selection process is applied due to the high number of applicants exceeding the school's capacity. As all IB DP students are required to study English and mathematics, and English being the language of instruction, assessing applicants' proficiency in these subjects through entrance examinations is crucial to ensure their academic success. Students who pass these exams successfully are considered for admission.

From the school's perspective, a key factor in the admission process is the student's conscious and informed choice of the IB DP. Therefore, the *Admissions Team* at Vilnius Lyceum is committed to providing applicants and their parents/guardians with thorough guidance and support in this process.

## ACCESS AND SUPPORT FOR DIVERSE LEARNERS

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Vilnius Lyceum embraces diversity and does not discriminate on the basis of race, gender, nationality, religion, etc., in its admissions process. The school strives to maintain an inclusive and supportive learning environment for all students where all students have access to the resources and support they need to succeed. The school follows the principles of the IB's Access and inclusion policy and ensures access arrangements during entrance examinations and learning support in the future when enrollment is confirmed.

### **Responsibilities of applicants**

- **Submission of required documentation.** To include accommodations during entrance exams or receive learning support later, students or their parents must submit relevant documentation (medical/psychological report) outlining their needs prior the entrance exams.

### **Responsibilities of the school**

- **Implementing access arrangements.** The school will implement access arrangements in line with IB guidelines. This includes adjustments to learning and assessment processes to remove barriers for students with disabilities or learning needs.
- **Providing learning support.** Students with learning difficulties, physical or psychological, or special educational needs can request learning support. This may include accommodations such as extended time for assessments, assistive technology, or additional learning resources.

For more details regarding inclusive education, refer to the school's *Access and Inclusion Policy*.

## **DP PROGRAMME PROMOTION**

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Vilnius Lyceum has been offering the International Baccalaureate Diploma Programme (IB DP) since 1997 and has extensive experience in implementing the programme. The IB DP gives the foundation of international education. It is globally recognized by universities with its students gaining competitive offers for further study.

Information about the IB Diploma Programme is available on the school's website. Additionally, orientation meetings are held to promote the programme and outline the key features of the DP.

### **Orientation meetings**

#### **Internal**

Every year, in February or March, the school organizes a promotional session for Vilnius Lyceum Grade 10 students to introduce the IB Diploma Programme. During this session, students receive information about the specific requirements of the programme, its philosophy, possible subject choices, opportunities and challenges.

#### **External**

Additionally, the school hosts an annual "Open Day" event for all prospective students and their parents/guardians, held either remotely or on-site. This event allows students and their

parents to visit the school, meet the principal, IB DP coordinator, and some teachers, as well as hear from current IB2 students who share their experiences about the IB DP from a student's perspective.

## ADMISSION PROCEDURES

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To be admitted to the IB Diploma programme at Vilnius Lyceum, applicants must have completed their basic secondary education (Grade 10). Candidates from various schools are eligible to apply. The general admissions procedures are outlined below, while detailed information is updated annually and announced on the school's website in February.

### General admission procedures

#### 1. Application submission

Application form with the necessary documents is submitted via the electronic system on the website of Vilnius Municipality <https://vilnius.lt/svietimas> from March 1<sup>st</sup> to March 31<sup>st</sup>.

Applicants who need accommodations during entrance exams are additionally required to submit any relevant documentation (medical/psychological report) to Vilnius Lyceum *Admissions Team* at [admission@licejus.lt](mailto:admission@licejus.lt).

Applicants who intend to take mathematics examination in English are required to submit a request to Vilnius Lyceum *Admissions Team* at [admission@licejus.lt](mailto:admission@licejus.lt) by March 31<sup>st</sup>.

#### 2. Admissions criteria

Applicants are required to take two entrance examinations in April: English and Mathematics (see *Appendix 1* for the examination syllabuses). Specific instructions, such as the exact arrival time and required materials, are announced on the school's website, <https://licejus.lt/>, a few days before the examination date.

The minimum passing mark for each examination is determined annually based on the overall performance of the candidates. The final admission score is calculated by adding the marks obtained in each examination. Candidates with the highest overall scores are offered admission to the school.

#### 3. Results announcement

The admission results are announced on the school's website within three weeks after examinations.

#### 4. Signing the contract

Parents of admitted students are required to take the following steps via Vilnius Municipality e-system:

- to confirm their acceptance of the e-invitation to study at Vilnius Lyceum within the designated timeframe.
- to sign the contract with the school within 30 days.

### **5. Meeting with the enrolled students**

In June, the school holds an orientation meeting for enrolled students and their families, offering a comprehensive overview of the school, the IBDP philosophy, and the curriculum. During the meeting, course selection options and school policies are also introduced and discussed.

### **6. Submission of required documentation**

Enrolled students are required to provide the school with the following documents by the end of the school year (in June):

- an application form for IB DP course selection (see *Appendix 2*) sent to the *Admissions Team* at [admission@licejus.lt](mailto:admission@licejus.lt).
- Basic School-Leaving Certificate (Grade 10) sent to the school office at [sekretore@licejus.lt](mailto:sekretore@licejus.lt).
- a copy of the student's identity card or passport (only for international students) sent to the school office.

For further inquiries regarding the admission process, applicants may contact the *Admissions Team* at [admission@licejus.lt](mailto:admission@licejus.lt).

### **7. Admission withdrawal**

Students who decide to withdraw from the programme are required to submit a written application to the Head of school. The school will then prepare the necessary documents related to the student's withdrawal. The student must return all borrowed library books before the withdrawal.

## **Admission procedures for students studying abroad**

The admission procedures for students studying abroad follow the steps outlined in the *General admission procedures* section, with the added option to take entrance examinations in late August upon request. The request must be submitted by email to [admission@licejus.lt](mailto:admission@licejus.lt) by March 31<sup>st</sup> during the application submission period.

## **Admission procedures for students with the IB MYP Certificate**

The admission procedures for MYP applicants follow the same steps outlined in the *General admission procedures* section. However, students who have successfully completed the IB Middle Years Programme (MYP), passed the MYP on-screen examinations, and received the IB MYP Certificate are admitted to the International Baccalaureate DP classes without the need for entrance examinations.

Applicants are required to inform the Admissions Board via email at [admission@licejus.lt](mailto:admission@licejus.lt) during the application submission period (March 1-31<sup>st</sup>) if they intend to take the MYP on-screen examinations and provide their MYP certificate. Enrollment in the Diploma



Programme will be confirmed once the MYP certificate has been submitted to and verified by the Admissions Board at [admission@licejus.lt](mailto:admission@licejus.lt).

## Admission procedures for transfer students studying abroad

The school's approach to admitting IB Diploma transfer students reflects its belief in the value of diversity and its commitment to providing every student with opportunity to reach their full potential. By maintaining a thorough yet flexible admission process, the school ensures a smooth integration of transfer students and supports their academic success.

In line with this, Vilnius Lyceum welcomes transfer applications from students currently enrolled in an IB Diploma programme at another institution abroad, provided the student's course selection aligns with the school's DP course selection, the school has available space, and a smooth transition can be guaranteed based on the documents from the previous school. To be eligible for transfer, applicants must have completed Year 1 of the IB Diploma Programme.

### Admission process:

- 1. Submission of required documentation** (submitted to the Admissions Board at [admission@licejus.lt](mailto:admission@licejus.lt) :
  - a written application
  - transcripts and a letter confirming previous IB enrollment
  - course syllabi, progress reports on Internal Assessments (IA), the Extended Essay (EE), TOK and CAS completion
- 2. Application review and Admissions Board decision**

The Admissions Board will conduct a thorough review of the student's current academic standing to assess compatibility with the school's IB Diploma course selection. In evaluating the student's transition, the Board will consider the school's capacity to accommodate the applicant. The final decision will be communicated to the student and their parents/guardians.
- 3. Meeting with the IB DP coordinator**

If the Admissions Board reached the decision to admit the student, a meeting with the IB DP coordinator will be arranged to discuss the workload management and develop an individual transition plan.

## THE IB DP COURSE SELECTION AT VILNIUS LYCEUM

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### The IB DP curriculum

The curriculum is made up of the DP core and six subject groups. The DP core aims to broaden students' educational experience and challenges them to apply their knowledge and skills.

The three core elements are:

- **Theory of Knowledge** – a 100 hours course that reflects on the nature of knowledge and on how we know what we claim to know. It is also integrated into other subjects.
- **The Extended Essay** - is an independent, self-directed piece of scientific research with a 4,000-words written from one chosen subject.
- **Creativity, Activity, Service** – extra curricular activities for personal growth. Students plan activities and complete a project related to those three concepts.

For more detailed information about the curriculum of each core component, refer to [DP-core](#)

### Course selection

Before enrolling in the IB Diploma Programme (IB DP), it is recommended that students familiarize themselves with the content of each subject by reviewing the [DP-curriculum](#). Additionally, students are encouraged to consult with the IB DP coordinator, teachers, and current IB students to better understand the academic demands of the programme. Researching university requirements for specific fields of study is also essential to ensure that subject choices align with future academic and career goals.

Students are required to select six IB DP subjects offered by the school, following the IB DP framework. This includes 3 subjects at Higher Level (HL) and 3 at Standard Level (SL). While HL and SL courses differ in scope (HL: 240 hours, 6 lessons per week; SL: 150 hours, 4 lessons per week), both are assessed using the same grade descriptors, with HL requiring a broader and deeper demonstration of knowledge, understanding, and skills.

Students choose courses from the following subject groups.

Subject group	Subjects	Level	Compulsory subjects
Group 1: Studies in Language and Literature	Lithuanian A: Literature	HL/SL	Lithuanian A: Literature (for native Lithuanian speakers)
	English A: Language & Literature		English A: Language & Literature (for speakers of languages other than Lithuanian, including non-native Lithuanian speakers)
Group 2: Language Acquisition	English B	<b>HL*</b>	English B <b>or</b> English A: Language & Literature (for native Lithuanian speakers)
	German B	HL/SL or <i>AB Initio</i>	
	French B		German B <b>or</b> French B (for non-Lithuanian speakers)
	History		One subject
	Geography		

Group 3: Individuals and Societies	Economics	HL/SL	
	Psychology		
Group 4: Sciences	Computer Science	HL/SL	One subject
	Physics		
	Chemistry		
	Biology	<b>HL*</b>	
	Environmental Systems and societies	<b>SL**</b>	
Group 5: Mathematics	Mathematics: Analysis and approaches	HL/SL	Mathematics: Analysis and approaches
Group 6	Second subject from groups 2-4		One subject

\* only HL; \*\* only SL

### Language course options

All IB DP students (native Lithuanian speakers) at Vilnius Lyceum study Lithuanian A: Literature (SL/HL) as their Group 1 subject, and English B at higher level (HL) or English A: Language and literature (HL/SL) as their Group 2 subject to enhance their English proficiency. Students are also encouraged to choose German or French as their Group 6 subject to further support multilingualism.

Students who are speakers of languages other than Lithuanian study English A: Language and literature as their Group 1 subject, and German B or French B as their Group 2 subject.

Students whose native language is neither Lithuanian nor English are encouraged to pursue their mother tongue as a Group 1 subject under the school-supported self-taught option. This course is only available at SL, and students are expected to work independently, with the guidance from an IB certified supervisor, who may be assigned by the school. In instances where the school cannot assign a supervisor, students have the option to find the teacher themselves or enroll in online courses (for example, *Pamoja*), with the associated fees being the responsibility of the student.

### Course selection limitations

Due to scheduling constraints, students are requested to select one option from each of the following pairs:

- Lithuanian literature HL **or** mathematics HL
- biology **or** physics
- history **or** geography
- psychology **or** economics

A minimum of 5 students are required for a course to be offered. Students who are affected by this, will be notified.

### **Changes in the course selection**

Once enrolled in the IB DP, students are expected to maintain their selected courses and levels throughout the two-year duration. If necessary, a change of course or level may be requested by the student within the first two months of Year 1. Under exceptional circumstances, at the discretion of the IB coordinator, changes might be allowed later.

## **RELATED POLICIES**

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### **Language policy**

As described in the school's *Language policy*, Vilnius Lyceum promotes multilingualism by offering opportunities to learn additional languages at all levels (Group B Language Acquisition) , while also strengthening the students' mother tongue (Group 1 Language A). Subject selection, particularly in Languages, is a critical part of the admissions process. Based on the student's linguistic background, the school ensures that the student is placed in the appropriate language courses that reflect their proficiency and personal learning goals. This flexibility aligns with the IB's emphasis on language as a means of developing intercultural awareness.

By addressing language needs at the admissions stage and providing ongoing language support, the school creates an environment where all students, regardless of linguistic background, can thrive in the IB Diploma Programme. This holistic approach to admissions and language learning ensures that students not only meet the academic requirements of the IB DP but also develop the multilingual and intercultural skills that are central to the IB's mission.

### **Inclusion Policy**

The school's *Access and Admissions Policy* is aligned with its *Access and Inclusion Policy* to ensure all students, including those with diverse learning needs, have equitable opportunities to succeed.

The *Access and Inclusion Policy* guarantees fair access for all students, with appropriate accommodations and adjustments provided as needed.

To receive necessary accommodations such as extra time or assistive technologies, etc., applicants must submit relevant documentation during admission process and inform the school about their learning needs (see the *General admission procedures* section; for more details, refer to the school's *Access and Inclusion Policy*).

## ACCESS AND REVIEW OF THE POLICY

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The policy can be accessed on the school's website, or in the school library.

This policy is subject to annual review by the IB DP coordinator and the Admissions Board to ensure it remains aligned with national regulations, IB requirements and reflects the evolving needs of the school community. Adjustments to the policy will be made as necessary to support both admissions and access to educational opportunities for all students.

## LIST OF REFERENCES

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INTERNATIONAL BACCALAUREATE ORGANIZATION, 2013. IB Learner Profile.  
<https://www.ibo.org>. Online. 2013. Available from:  
<https://www.ibo.org/contentassets/fd82f70643ef4086b7d3f292cc214962/learner-profile-en.pdf>

INTERNATIONAL BACCALAUREATE ORGANIZATION, 2019. Our Mission.  
*International Baccalaureate*®. Online. 2019. Available from: <https://www.ibo.org/about-the-ib/mission/>

## APPENDICES

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### Appendix 1: ENTRANCE EXAMINATION SYLLABUSES

#### 1.1 ENGLISH LANGUAGE SYLLABUS

The exam question paper is divided into two parts: Reading and Writing.

1. Reading task will be based on three texts and will examine students' ability to:
  - identify both stated and implied information, opinions, attitudes,
  - identify main ideas and supporting details,
  - select and organize material relevant to specific purposes,
  - give personal response.
  
2. Writing task will require to respond in 160-180 words to one of the read texts.

The written task will examine students' ability to:

- provide relevant information and ideas,
- develop and support ideas,
- present ideas clearly,
- use a range of appropriate vocabulary,
- demonstrate accuracy in spelling, grammar and sentence structure.

The following are the possible topics of the texts:

- education
- leisure
- nature and environmental problems
- youth culture
- health and fitness
- customs and traditions
- social relationships
- the International Baccalaureate Diploma Programme (IBDP).

#### 1.2 MATHEMATICS SYLLABUS (in English)

TOPIC	CONTENT
<b>Numbers</b>	Routine use of addition, subtraction, multiplication and division, using integers, decimals and fractions, including order in operations. Integer exponents. Laws of exponents. Square and cubic roots. Expression of numbers in standard form (scientific notation). Simplification of expressions involving roots, including rationalizing the denominator.

	<p>Divisibility rules for 2, 5, 10, 3 and 9. Prime numbers. Composite numbers, factors, including greatest common factors and least common multiples.</p> <p>Definition of absolute value (modulus).</p> <p>Applications of ratio, percentage and proportion, linked to similarity.</p> <p>Compound interest.</p> <p>Rounding decimal approximations.</p>
<b>Sets and numbers</b>	<p>Number systems: natural numbers, integers, rational and irrational numbers, real numbers.</p> <p>Intervals on the real number line using inequalities.</p>
<b>Algebra</b>	<p>Basic manipulation of simple algebraic expressions involving factorization, expansion and completing the square. Formulae: <math>a^2 - b^2 = (a + b)(a - b)</math>; <math>(a \pm b)^2 = a^2 \pm 2ab + b^2</math>.</p> <p>Rearrangement, evaluation and combination of simple formulae, simplifying.</p> <p>Addition, subtraction, multiplication, division and simplifying algebraic fractions.</p> <p>Solutions of linear, quadratic, rational equations and inequalities in one variable. Discriminant.</p> <p>Linear and quadratic equations with parameters.</p> <p>Solution of simultaneous equations in two variables with linear equations or with one quadratic equation.</p> <p>Solution of system of linear inequalities.</p>
<b>Cartesian plane and functions</b>	<p>Distance between two points in the Cartesian plane. Coordinates of midpoint of a line segment.</p> <p>The linear function and its graph, gradient and y-intercept.</p> <p>The quadratic function, its graph, coordinates of vertex, properties.</p> <p>Maximum and/or minimum values of quadratic function in the given interval.</p> <p>Domain and range of linear and quadratic functions.</p>
<b>Geometry</b>	<p>Triangle. Properties of equilateral and isosceles triangles. Pythagoras' theorem and its converse. Equal and similar triangles. Similar plane figures. Ratio of their perimeters and areas.</p> <p>Quadrilaterals: parallelograms, rhombuses, rectangles, squares and trapeziums; compound shapes. Their properties, perimeters and areas.</p> <p>Properties of midline of triangle and of trapezium.</p> <p>The circle, its centre and radius, area and circumference. Length of arc, area of sector. Chord, tangent and segment, properties of the tangent.</p> <p>Parallel and perpendicular straight lines, angle between straight lines in three dimensional shapes.</p> <p>Cube, rectangular, prism. Their surface area and volume.</p> <p>Regular pyramid. Its surface area and volume.</p> <p>Volume and surface area of revolutions: cone and cylinder.</p>



<b>Trigonometry</b>	Right-angle trigonometry. Pythagorean identity. Solution of right triangles.
<b>Probability and statistics</b>	Counting principles, additional and multiplication rules. Probability of event. Descriptive statistics: collection of raw data, display of data in pictorial and diagrammatic forms, frequency table. Obtaining simple statistics from discrete data, including mean, median and mode.

### 1.3 MATHEMATICS SYLLABUS (in Lithuanian)

<b>TEMA</b>	<b>TURINYS</b>
<b>Skaičiai</b>	Sveikųjų skaičių, dešimtainių ir paprastųjų trupmenų suma, skirtumas, daugyba ir dalyba, veiksmų seka. Laipsnis su sveikuoju rodikliu. Veiksmai su laipsniais. Kvadratinė ir kubinė šaknys. Standartinė skaičiaus išraiška. Reiškinų su šaknimis pertvarkiai, iracionalumo vardiklyje panaikinimas. Dalumo iš 2, 5, 10, 3 ir 9 požymiai. Pirminiai ir sudėtiniai skaičiai. Sudėtinių skaičių skaidymas pirminiais dauginamaisiais. Didžiausias bendras daliklis ir mažiausias bendras kartotinis. Modulio apibrėžimas. Santykio, procento ir proporcijų taikymai. Sudėtinės palūkanos. Skaičių apvalinimas nurodytu tikslumu (sveikojo skaičiaus arba kelių dešimtųjų tikslumu).
<b>Skaičių aibės</b>	Skaičių aibės: natūralieji, sveikieji, racionalieji, iracionalieji ir realieji skaičiai. Skaičių intervalai skaičių tiesėje, nelygybių sprendinių vaizdavimas.
<b>Algebra</b>	Vienanaris ir daugianaris. Vienanarių daugyba ir dalyba. Daugianarių sudėtis, atimtis, daugyba, prastinimas. Skleidimas ir dvinario kvadrato išskyrimas. Daugianarių skaidymas dauginamaisiais. Skaidymas dauginamaisiais, taikant formules: $a^2 - b^2 = (a + b)(a - b)$ ; $(a \pm b)^2 = a^2 \pm 2ab + b^2$ . Algebrinių trupmenų sudėtis, atimtis, daugyba, dalyba ir prastinimas. Tiesinių, kvadratinių, racionaliuųjų lygčių ir nelygybių sprendimas. Diskriminantas. Tiesinių ir kvadratinių lygčių su parametru sprendimas.

	<p>Tiesinių lygčių sistemų sprendimas. Lygčių sistemų, kuriose viena lygtis kvadratinė, o kita tiesinė, sprendimas.</p> <p>Tiesinių nelygybių sistemų sprendimas.</p>
<b>Dekarto koordinačių sistema ir funkcijos</b>	<p>Atstumas tarp dviejų taškų Dekarto koordinačių sistemoje.</p> <p>Vidurio taško koordinatės.</p> <p>Tiesinė funkcija ir jos grafikas, krypties koeficientas ir susikirtimas su y ašimi.</p> <p>Kvadratinė funkcija, jos grafikas, viršūnės koordinatės, savybės.</p> <p>Kvadratinės funkcijos maksimumo ir/ar minimumo reikšmės duotame intervale.</p> <p>Tiesinių ir kvadratinių funkcijų apibrėžimo ir reikšmių sritis.</p>
<b>Geometrija</b>	<p>Trikampiai. Lygiakraščių ir lygiašonių trikampių savybės.</p> <p>Pitagoro ir jai atvirkštinė teoremos. Lygūs ir panašieji trikampiai.</p> <p>Panašios plokštumos figūros, jų perimetrų ir plotų santykis.</p> <p>Keturkampiai: lygiagretainiai, rombai, stačiakampiai, kvadratai ir trapecijos; įvairių plokštumos figūrų kompozicijos. Keturkampių savybės, perimetrai ir plotai.</p> <p>Trikampio ir trapecijos vidurio linijų savybės.</p> <p>Apskritimas, jo centras ir spindulys, apskritimo ilgis ir skritulio plotas. Lanko ilgis ir išpjovos plotas. Styga, kirstinė ir liestinė, liestinės savybė.</p> <p>Kampas tarp tiesių, lygiagrečios ir statmenos tiesės erdvinėse figūrose.</p> <p>Kubas, stačiakampis gretasienis, prizmės. jų paviršiaus plotas ir tūris.</p> <p>Taisyklinga piramidė, jos paviršiaus plotas ir tūris.</p> <p>Sukinių (ritinio ir kūgio) paviršiaus plotai ir tūriai.</p>
<b>Trigonometrija</b>	<p>Trigonometrija stačiajame trikampyje. Trigonometrinis vienetas.</p> <p>Staičiųjų trikampių sprendimas.</p>
<b>Tikimybė ir statistika</b>	<p>Kombinatorika, sumos ir sandaugos taisyklės. Įvykio tikimybė.</p> <p>Statistikos pradmenys: duomenų rinkimas, grupavimas ir vaizdavimas įvairiomis diagramomis. Duomenų vidurkis, moda ir mediana.</p>

## Appendix 2: APPLICATION FORM FOR IB DP COURSE SELECTION

### 1.1 FORM IN LITHUANIAN LANGUAGE

\_\_\_\_\_ (mokinio vardas ir pavardė)

Vilniaus licėjaus direktoriui  
Sauliui Jurkevičiui

### **PRAŠYMAS DĖL TB DIPLOMO PROGRAMOS MOKOMŪJŲ DALYKŲ PASIRINKIMO**

202\_ m. birželio \_\_\_ d.  
Vilnius

Prašau leisti pasirinkti šiuos mokomuosius dalykus:

MOKOMIEJI DALYKAI (HL)	MOKOMIEJI DALYKAI (SL)

Pasirenkami 6 mokomieji dalykai iš 6 grupių: 3 aukštesniu lygiu (HL) ir 3 standartiniu lygiu (SL).  
Dalykų pasirinkimų galimybės aprašytos licėjaus dokumente „*Access and Admission Policy*“  
<https://licejus.lt/>.

\_\_\_\_\_ (mokinio parašas, vardas ir pavardė)

Su sūnaus/dukters prašymu susipažinau ir sutinku

\_\_\_\_\_ (tėvo/mamos parašas, vardas ir pavardė)

## 1.2 FORM IN ENGLISH LANGUAGE

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(student's name and surname)

To the principal of Vilnius Lyceum  
Saulius Jurkevičius

### APPLICATION FORM FOR IB DP COURSE SELECTION

\_\_\_ June 202\_\_  
Vilnius

I request approval to enroll in the following subjects:

SUBJECTS (HL)	SUBJECTS (SL)

Students are required to select 6 subjects from 6 subject groups: 3 subjects at the Higher Level (HL) and 3 subjects at the Standard Level (SL).

The options for subject selection are outlined in the school's *Access and Admission Policy* at <https://licejus.lt/>.

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(student's signature, name and surname)

I have reviewed and approve of my son's/daughter's request.

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(parent's/guardian's signature, name and surname)