

KAUNAS UNIVERSITY OF TECHNOLOGY GYMNASIUM

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SCHOOL

Kaunas University of Technology Gymnasium (KTU Gymnasium) was founded in 1989 under the name KPI Experimental Secondary School. This public institution was created with the primary aim of fostering an intellectually stimulating educational environment for exceptionally talented students from Lithuania. KTU Gymnasium admits students from grades 9 to 12 and has established itself as a national leader in secondary education, fostering the development of intellectually gifted, ambitious, skilled, diligent, conscientious, and distinguished young individuals.

The KTU Gymnasium community, which includes a cadre of esteemed educators, experts, professors, and lecturers from Kaunas University of Technology, attracts the most academically accomplished and motivated students through a competitive admissions process. The school offers students the opportunity to broaden their horizons, pursue their personal ambitions in various fields, and excel in national and international academic Olympiads. It is worth noting that more than 150 students have earned titles in global competitions. Simultaneously, students rigorously master the mandatory secondary education curriculum.

The consistently increasing number of academic Olympiad champions, coupled with outstanding performance in Lithuania's national school-leaving examinations, where KTU Gymnasium students consistently rank among the top in the country, exemplifies the commitment to academic excellence. As a public institution, KTU Gymnasium maintains a flexible and adaptive approach to continuously enhance both the educational process and the school community. KTU Gymnasium has cultivated a foundation of socially aware, community-minded, and civically responsible individuals with a strong commitment to lifelong self-improvement. Throughout its history in independent Lithuania, the school has evolved into a significant academic and social institution, contributing significantly to the educational landscape.

TEACHERS IN THE GYMNASIUM

The teachers in the Gymnasium are highly qualified, with half of them holding either a master's degree or a PhD. Additionally, 25 teachers have earned qualifications as teacher-methodologists or teacher-experts.

Criteria		Number of teachers
Professional qualification / Academic degree	Bachelor's degree and higher education (without a qualification degree)	18
	Master's degree	15
	Doctoral degree	3
Pedagogical qualification	Qualified teacher	8
	Senior teacher	3
	Teacher-methodologist	18
	Teacher-expert	7

ADMISSION

Each year, to ensure fair and impartial admission to the school, five academic competitions titled MLT (Science Leaders' Tournaments) are held, along with entrance exams, for 8th-grade pupils who wish to be enrolled in KTU Gymnasium. Admission is granted to the top five students based on their performance in the MLT competitions, without the need for entrance exams. Since 2016, 10th-grade pupils have been extended invitations to take entrance exams for admission to an additional Year 11 class focused on advanced IT teaching.

As of today, the school is organized into three Year 9 classes, three Year 10 classes, four Year 11 classes, and four Year 12 classes.

CURRICULUM

KTU Gymnasium operates based on the principles of a European gymnasium-type school model and aligns its teaching program with the national syllabus. Year 9 and 10 students are mandated to study the complete curriculum. For Year 11 and 12 students, there is flexibility to select their own program, subject to compliance with prescribed rules and requirements.

The 2024-2025 school year program for Year 11 and 12 students at KTU Gymnasium comprises 25 to 35 academic hours per week, encompassing a diverse range of subjects from various academic fields, while Mathematics and Lithuanian are taught at an extended (A) level. Students in specialized IT classes have distinct hour and curriculum requirements for the subject of information and communication technology (ICT).

Number of academic hours (45 min periods)

Subject	Year 9	Year 10	Year 11		Year 12	
			General	General	IT Class	IT Class
MATHEMATICS	5	5	6		6	
LITHUANIAN (native language)	5	5	6		6	
1 ST FOREIGN LANGUAGE (B2)	3	3	4		4	
2 ND FOREIGN LANGUAGE (B1; A2)	2	2	3		3	
HISTORY	2	2	3		3	
CITIZENSHIP BASICS	1	1	-		-	
GEOGRAPHY	2	1	3		3	
ECONOMICS AND ENTREPRENEURSHIP		1	3		3	
PHILOSOPHY	-	-	3		3	
PHYSICS	2	2	3		4	
CHEMISTRY	2	2	3		3	
BIOLOGY	2	1	3		3	
INFORMATION AND COMMUNICATION TECHNOLOGY	1	1	3+1	4+1	3+1	4+1
TECHNOLOGIES (programming, publishing, design)	1	1	-		-	
LIFE SKILLS	1	1	-		-	
ETHICS / RELIGIOUS EDUCATION	1	1	1		1	
ART	1	1	2		2	
MUSIC	1	1	2		2	
PHYSICAL EDUCATION	2	2	3		3	
ELECTIVE SUBJECTS, MODULES	-	-	1-3		1-3	
CIVIC ENGAGEMENT	20h	20h	70h			

CALENDAR FOR 2024-2025 SCHOOL YEAR

	I	II	III	IV
The beginning of the school year	09-02			
Duration of the semesters	The 1 st Semester: 09-02 – 01-17 The 2 nd Semester: 01-20 – 06-17		The 1 st Semester: 09-02 – 01-17 The 2 nd Semester: 01-20 – 05-28	
Autumn holidays	10-28 – 10-31			
Winter (Christmas) holidays	12-27 – 01-03			
Winter holidays	02-17 – 02-21			
Spring (Easter) holidays	04-22 – 04-25			
The end of the school year	06-17		05-28	
The length of the education process in days	185		170	

GRADING SYSTEM

Students are assessed using a pass-fail value (marked as “Credited”) for subjects such as ethics, religious education, physical education, music, arts, elective subjects and modules. A ten-point grading scale is used for other subjects, with 10 representing the highest achievable grade. A grade of 10 is considered excellent, while 9 and 8 indicate good performance. Grades 7 and 6 signify average achievement, and grades 5 and 4 are regarded as the minimum passing grades. Grades 3 through 1 are considered failing. Continuous assessment is employed throughout each semester, and the grade average for each subject is provided at the end of every semester. At the end of the school year, students receive final grades, which are the averages of their performance in both semesters.

GRADUATION

To be awarded the Maturity Certificate (*Brandos Atestatas*) students are required to take examinations. To enter higher educational institutions, the school-leavers have to pass at least 3 examinations. A student can take the maximum number of 7 examinations, one of which is the obligatory national examination of the Lithuanian Language and Literature.

ALUMNI

The KTU Gymnasium Alumni Association (KTU Gimnazijos Alumni Draugija) was established in 2008 with the objective of uniting graduates of KTU Gymnasium. The primary goals of the Association include:

- promoting and maintaining connections among KTU Gymnasium alumni and fostering their ties with the Gymnasium;
- contributing to the advancement of KTU Gymnasium;
- advocating for the legitimate interests of KTU Gymnasium alumni.

Since 2006, the Association has been the originator and sole sponsor of the annual *Teacher of the Year* award. The Association operates under the guidance of its board members, including Marijus Strončikas, Aistis Vaitiekaitis, Orijana Mašalė, Marijus Kalesinskas, Mantas Lukoševičius, and Monika Tarvydytė.

RESULTS OF NATIONAL SCHOOL-LEAVING EXAMINATIONS

As a result of consistently outstanding performance in all state examinations, KTU Gymnasium maintains a position among the top three schools in Lithuania. In recent years, the school has achieved the highest scores in state examinations for English, Information Technology, and Natural Sciences. Notably, the results across all subjects consistently place KTU Gymnasium within the top 10 schools in Lithuania. In 2024, KTU Gymnasium students received a remarkable 112 top scores, earning them the maximum grade of 100.

To gain admission to a university in Lithuania, graduating students are required to pass three mandatory examinations: Lithuanian, Mathematics, and a foreign language (English, French, or German). Additionally, the most popular optional exams include Information Technology, Chemistry, and Biology.

Subject	2024			2023			2022			2021		
	Total	100	Average	Total	100	Average	Total	100	Average	Total	100	Average
Lithuanian	91	11	84,5	95	5	78,0	90	14	79,6	93	15	78,5
Mathematics	91	30	89,1	95	19	83,1	92	9	72,2	93	20	84,3
English	89	38	95,3	97	57	96,4	91	28	92,0	91	56	98,3
IT	39	15	91,1	52	14	86,4	42	10	87,2	40	25	97,4
Biology	23	2	89,0	28	1	82,6	23	2	88,3	35	9	95,7
Chemistry	43	5	89,9	37	-	81,6	28	5	92,5	33	3	89,2
Physics	30	4	81,8	21	10	90,2	21	5	84,6	20	2	87,2
History	17	1	84,5	16	-	73,3	17	-	81,1	19	1	85,8
Russian	-	-	-	2	1	99,5	3	2	99,7	2	2	100
Geography	2	-	91,5	2	-	94,5	5	1	91,0	-	-	-
German	6	6	100	8	7	99,5	7	4	91,0	9	8	97,7
French	1	1	100	-	-	-	-	-	-	1	1	100
Total	432	112	90,6	453	114	87,4	419	80	87,2	436	142	92,2

The overall results of foreign language examinations also include students' results of international examinations of foreign languages such as IELTS or TOEFL (if the student chose not to take the national examination)

CHOICES OF SCHOOL-LEAVERS IN 2020-2024

The dynamics of choosing studies after having finished secondary education.

Year	Place of studies (%)			Type of studies (%)		
	Lithuania	Foreign countries	No data	Higher university	Higher non-university	Vocational
2024	78	21	1	100	0	0
2023	67	29	4	99	1	0
2022	79	16	5	99	1	0
2021	61	34	5	100	0	0
2020	64	31	5	100	0	0

The study choices of the school-leavers consistently demonstrate that all those who opt to continue their education enrol in tertiary institutions. This underscores the Gymnasium's mission, which is centered around nurturing Lithuanian students with exceptional academic achievements, particularly in the fields of Physical and Technological sciences. The majority of the school-leavers elect to pursue further studies within Lithuania, while approximately one-third of KTU Gymnasium graduates choose to continue their education abroad.

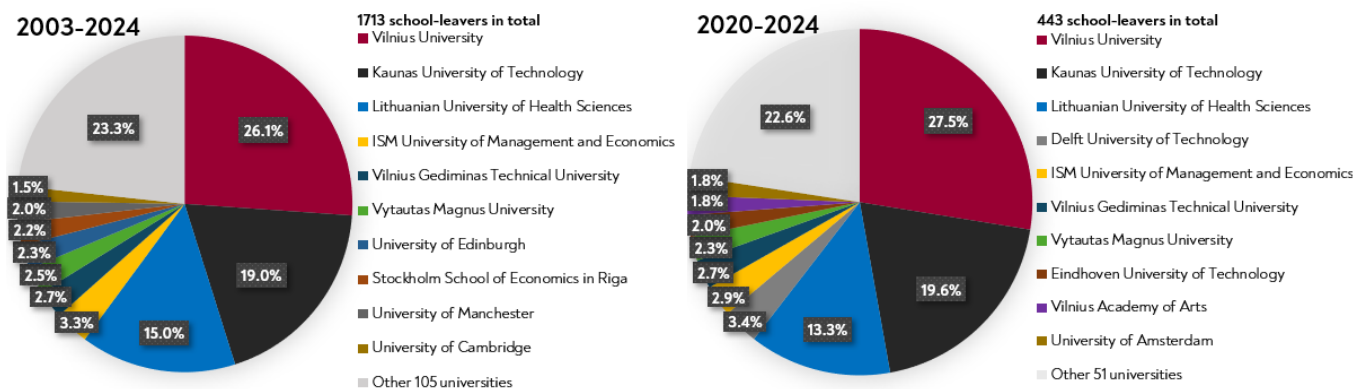
CHOICES OF STUDY FIELDS BY SCHOOL-LEAVERS, 2020-2024

Technology, Social Sciences and Biomedical Sciences remain the most popular fields of study among the Gymnasium students.

Graduation year	Biomedical and Health Sciences	Nature Sciences	Technology Sciences	Social Sciences	Humanitarian Studies	Arts	No data	Grand Total
2024	14	11	44	13	2	6	1	91
2023	15	8	41	20	5	4	4	97
2022	10	5	45	22	1	5	4	92
2021	15	17	34	18	-	5	4	93
2020	22	14	30	13	5	2	4	90

CHOICES OF HIGHER INSTITUTIONS BY SCHOOL-LEAVERS SINCE 2003

The results have been public since the general qualification of higher education system was implemented in Lithuania in 2003. In total, 1713 pupils have graduated from the Gymnasium ever since.



Note: the charts provided above exclude the students who have chosen a gap-year or refused to provide information.

WINNERS OF NATIONAL OLYMPIADS IN 2021-2024

KTU Gymnasium students received numerous titles in National Olympiads and competitions.

Subject	2024				2023				2022				2021			
	I	II	III	H.c.	I	II	III	H.c.	I	II	III	H.c.	I	II	III	H.c.
Chemistry	4	5	7	7	3	4	5	3	3	6	3	3	8	6	4	4
Economics		1		1	1				1	3		1	2	3	4	1
Debates	1	2				2			3				2		1	
Physics and astronomy	5	3	5	3	3	9	4	1	6	3	3	5	1	2	1	2
Information sciences	2	2	3	1	4	4	8	1	2	4	3	1	1	1	3	
Lithuanian					1					1			1			
German													1			
Mathematics	4	7	4	1	1	3	6	4	2	2	5	4		2	8	
Natural and Earth sciences	1	1	1	5		1	3	5		3	5	3		1	6	6
Biology	2	1	2	1	1	1	2	2			1	1		1	2	
English														1	1	
French	1				1			1		1					1	
Geography	2		3	1	1	1				1	1				1	
Philosophy		1														
Russian																
Total	22	23	25	20	16	25	28	17	17	24	21	18	16	17	32	13
	90				86				80				58			

WINNERS OF INTERNATIONAL OLYMPIADS

Prioritizing the education of exceptionally gifted students allows them to fully harness their potential and talent. Pupils from the Gymnasium have achieved remarkable success, securing 153 medals and 25 honorary certificates in global student Olympiads.

Subject	Gold	Silver	Bronze	Honorary certificate
Natural sciences	5	25	17	-
Chemistry	5	11	11	2
Debates	3	1	3	-
Geography	1	4	1	-
Mathematics	1	2	13	14
Physics and astronomy	1	2	8	7
History and philosophy	1	-	1	1
Information sciences	-	12	14	1
Biology	-	1	9	-
Economics	-	1	1	-
Total	17	59	77	25

Achievements of students of Kaunas University of Technology Gymnasium in international competitions

Nr.	Gold	Silver	Bronze	Honorary certificate
1	Debates / 2022 / Netherlands	Chemistry / 2024 / Saudi Arabia	Information sciences / 2024 / Egypt	Physics / 2024 / Georgia
2	Geography / 2022 / France	Debates / 2024 / Serbia	Chemistry / 2024 / Saudi Arabia	Physics / 2023 / Germany
3	Natural sciences / 2021 / Hungary	Physics / 2024 / Georgia	Mathematics / 2024 / United Kingdom	Information sciences / 2022 / Indonesia
4	Mendeleev chemistry Olympiad / 2019 / Russia	Natural sciences / 2024 / Luxembourg	Biology / 2024 / Kazakhstan	Mathematics / 2019 / United Kingdom
5	Chemistry / 2017 / Thailand	Natural sciences / 2023 / Thailand	Natural sciences / 2024 / Luxembourg	Philosophy / 2019 / Italy
6	Mendeleev chemistry Olympiad / 2017 / Kazakhstan	Information sciences / 2023 / Hungary	Natural sciences / 2023 / Thailand	Chemistry / 2018 / Czech & Slovakia
7	Natural sciences / 2015 / Austria	Geography / 2023 / Indonesia	Physics / 2023 / Japan	Mathematics / 2018 / Romania
8	History / 2014 / Estonia	Natural sciences / 2023 / Latvia	Chemistry / 2023 / Switzerland	Physics / 2017 / Indonesia
9	Natural sciences / 2012 / Lithuania	Natural sciences / 2023 / Lithuania	Physics / 2023 / Germany	Mathematics / 2017 / Brasil
10	Debates / 2010 / Netherlands	Natural sciences / 2022 / Czech Republic	Natural sciences / 2023 / Lithuania	Mathematics / 2016 / Hong Kong
11	Chemistry / 2010 / Japan	Natural sciences / 2022 / Czech Republic	Economics / 2022 / China	Mathematics / 2013 / Columbia
12	Natural sciences / 2008 / Cyprus	Economics / 2021 / Latvia	Natural sciences / 2021 / UAE	Physics / 2011 / Thailand
13	Natural sciences / 2008 / Cyprus	Information sciences / 2019 / Azerbaijan	Debates / 2021 / Macau	Mathematics / 2010 / Kazakhstan
14	Astrophysics / 2008 / Indonesia	Information sciences / 2019 / Azerbaijan	Physics / 2021 / Estonia	Mathematics / 2009 / Germany
15	Chemistry / 2008 / Hungary	Geography / 2019 / Hong Kong	Physics / 2021 / Lithuania	Physics / 2009 / Mexico
16	Mathematics / 2007 / Vietnam	Chemistry / 2019 / France	Information sciences / 2021 / Singapore	Mathematics / 2008 / Spain
17	Global debates / 2005 / Macedonia	Natural sciences / 2019 / Portugal	Natural sciences / 2021 / Hungary	Chemistry / 2007 / Russia
18		Natural sciences / 2019 / Portugal	Mathematics / 2020 / Russia	Mathematics / 2006 / Slovenia
19		Information sciences / 2018 / Japan	Information sciences / 2020 / Singapore	Mathematics / 2005 / Mexico
20		Geography / 2018 / Canada	Chemistry / 2020 / Turkey	Mathematics / 2004 / Greece
21		Geography / 2018 / Canada	Natural sciences / 2019 / Qatar	Mathematics / 2003 / Japan
22		Biology / 2018 / Iran	Natural sciences / 2019 / Qatar	Physics / 1999 / Italy
23		Natural sciences / 2017 / Danemark	Natural sciences / 2019 / South Korea	Mathematics / 1996 / India
24		Natural sciences / 2017 / Danemark	Chemistry / 2019 / France	Physics / 1996 / Norway
25		Natural sciences / 2017 / Danemark	Biology / 2019 / Hungary	Mathematics / 1995 / Canada
26		Natural sciences / 2017 / Danemark	Biology / 2019 / Hungary	
27		Natural sciences / 2016 / Indonesia	Mendeleev chemistry Olympiad / 2019 / Russia	
28		Chemistry / 2016 / Georgia	Natural sciences / 2018 / Botswana	
29		Natural sciences / 2016 / Estonia	Information sciences / 2018 / Japan	
30		Natural sciences / 2016 / Estonia	Natural sciences / 2018 / Thailand	
31		Natural sciences / 2016 / Estonia	Physics / 2018 / Portugal	
32		Mendeleev chemistry Olympiad / 2016 / Russia	Chemistry / 2018 / Czech Republic & Slovakia	
33		Natural sciences / 2014 / Greece	Mathematics / 2018 / Romania	
34		Chemistry / 2014 / Vietnam	Mendeleev chemistry Olympiad / 2018 / Belarus	
35		Natural sciences / 2013 / India	Natural sciences / 2018 / Slovenia	
36		Natural sciences / 2013 / Luxembourg	Natural sciences / 2017 / Netherlands	
37		Chemistry / 2013 / Russia	Geography / 2017 / Serbia	
38		Chemistry / 2013 / Russia	Information sciences / 2017 / Iran	
39		Information sciences / 2012 / Latvia	Natural sciences / 2016 / Indonesia	
40		Chemistry / 2012 / USA	Natural sciences / 2015 / South Korea	
41		Natural sciences / 2011 / Czech Republic	Natural sciences / 2015 / South Korea	
42		Chemistry / 2011 / Turkey	Natural sciences / 2015 / South Korea	
43		Information sciences / 2011 / Thailand	Chemistry / 2015 / Azerbaijan	
44		Natural sciences / 2010 / Sweden	History / 2014 / Estonia	
45		Natural sciences / 2010 / Sweden	Mathematics / 2014 / South Africa	
46		Natural sciences / 2010 / Sweden	Mendeleev chemistry Olympiad / 2014 / Russia	
47		Natural sciences / 2010 / Sweden	Biology / 2013 / Switzerland	
48		Information sciences / 2010 / Canada	Natural sciences / 2012 / Iran	
49		Mendeleev chemistry Olympiad / 2010 / Azerbaijan	Biology / 2012 / Singapore	
50		Chemistry / 2010 / Japan	Biology / 2012 / Singapore	
51		Natural sciences / 2009 / Azerbaijan	Information sciences / 2012 / Italy	
52		Mathematics / 2009 / Germany	Natural sciences / 2011 / South Africa	
53		Information sciences / 2009 / Bulgaria	Debates / 2011 / Turkey	
54		Information sciences / 2008 / Egypt	Biology / 2011 / Taiwan	
55		Astrophysics / 2007 / Thailand	Biology / 2011 / Taiwan	
56		Information sciences / 2007 / Croatia	Biology / 2010 / South Korea	
57		Information sciences / 2006 / Mexico	Mathematics / 2010 / Kazakhstan	
58		Information sciences / 2000 / China	Chemistry / 2009 / United Kingdom	
59		Mathematics / 1996 / India	Astrophysics / 2008 / Indonesia	
60			Physics / 2008 / Vietnam	
61			Chemistry / 2008 / Hungary	
62			Mathematics / 2008 / Spain	
63			Information sciences / 2007 / Croatia	
64			Mathematics / 2006 / Slovenia	
65			Mathematics / 2006 / Slovenia	
66			Information sciences / 2005 / Poland	
67			Mathematics / 2003 / Japan	
68			Mathematics / 2002 / Scotland	
69			Mathematics / 2000 / South Korea	
70			Mathematics / 1999 / Romania	
71			Information sciences / 1999 / Turkey	
72			Information sciences / 1998 / Portugal	
73			Information sciences / 1998 / Portugal	
74			Physics / 1997 / Canada	
75			Mathematics / 1997 / Argentina	
76			Information sciences / 1993 / Argentina	
77			Information sciences / 1992 / Germany	
78			Information sciences / 1992 / Germany	

 Mathematics
 Natural sciences
 Information sciences
 Chemistry
 Physics and astrophysics
 Biology
 History and philosophy
 Debates
 Geography