KAUNAS UNIVERSITY OF TECHNOLOGY GYMNASIUM
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SCHOOL

Kaunas University of Technology Gymnasium (hereinafter referred to as 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 over half of them holding either a Master's degree or a PhD. Additionally, 21 teachers have earned qualifications as teacher-methodologists or expert teachers.

Criteria		Number of teachers
Professional qualification / Academic degree	Bachelor‘s degree and higher education (without a qualification degree)	18
	Master‘s degree	17
	Doctor‘s degree	3
Pedagogical qualification	Qualified teacher	10
	Senior teacher	7
	Teacher-methodologist	15
	Expert teacher	6

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

The 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 current program for the school-leavers of the 2023-2024 school year comprises 28 to 35 academic hours per week, encompassing a diverse range of subjects from various academic fields, including Mathematics, Lithuanian, English, Biology, among others. These subjects are offered at two levels: extended (A) or standard (B), each with varying allocated academic hours. Students in specialized IT classes have distinct hour requirements based on their chosen subjects.

Number* of academic hours (an academic hour lasts 45 min)

Subject	Year 9	Year 10	Year 11		Year 12		
			General	IT Class	Level B	Level A	Level IT
ETHICS/RELIGIOUS INSTRUCTION	1	1	1		1	-	-
LITHUANIAN (native language)	5	5	6		4	5	5
1ST FOREIGN LANGUAGE	3	3	-		-	-	-
2ND FOREIGN LANGUAGE	2	2	-		-	-	-
FOREIGN LANGUAGE B2 (CEFR)	-	-	4		4		
FOREIGN LANGUAGE B1; A2 (CEFR)	-	-	3		3		
HISTORY	2	2	3		2	3	-
GEOGRAPHY	2	1	3		2	3	-
CITIZENSHIP	1	1	-		-	-	-
MATHEMATICS	5	5	6+1		3	6	6
INFORMATION TECHNOLOGIES	1	1	3+1	4+1	1	2	4
TECHNOLOGIES (programmed instruction, publishing, design)	1	1	-		-	-	-
PHYSICS	2	2	3		2	4	-
BIOLOGY	2	2	3		2	3	-
CHEMISTRY	2	2	3		2	3	-
ARTS	1	1	2		2	-	-
MUSIC	1	1	2		2	-	-
PHYSICAL EDUCATION	2	2	3		2	-	-
ECONOMICS	1	-	2		2		
SOCIAL SERVICE	20**	10**	35**		-		

*school year 2023-2024

**minimum number of hours per year

CALENDAR FOR 2022-2023 SCHOOL YEAR

	I	II	III	IV
The beginning of the school year	09-01			
Duration of the semesters	The 1st Semester: 09-01 – 01-19 The 2nd Semester: 01-22 – 06-18			The 1st Semester: 09-01 – 01-19 The 2nd Semester: 01-22 – 05-29
Autumn holidays	10-30 – 11-03			
Winter (Christmas) holidays	12-27 – 01-05			
Winter holidays	02-19 – 02-23			
Spring (Easter) holidays	04-02 – 04-05			
The end of the school year	06-18			05-29
The length of the education process in days	185			165

GRADING SYSTEM

Students are assessed using a ten-point grading scale, 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 2022, KTU Gymnasium students received a remarkable 80 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	2023			2022			2021			2020		
	Total	100	Average	Total	100	Average	Total	100	Average	Total	100	Average
Lithuanian	95	5	**78,0**	90	14	**79,6**	93	15	**78,5**	90	10	**76,7**
Mathematics	95	19	**83,1**	92	9	**72,2**	93	20	**84,3**	90	14	**83,4**
English	97	57	**96,4**	91	28	**92,0**	91	56	**98,3**	86	61	**98,4**
IT	52	14	**86,4**	42	10	**87,2**	40	25	**97,4**	43	23	**94,1**
Biology	28	1	**82,6**	23	2	**88,3**	35	9	**95,7**	31	4	**91,7**
Chemistry	37	-	**81,6**	28	5	**92,5**	33	3	**89,2**	42	2	**88,9**
Physics	21	10	**90,2**	21	5	**84,6**	20	2	**87,2**	18	2	**87,2**
History	16	-	**73,3**	17	-	**81.1**	19	1	**85,8**	12	1	**86,7**
Russian	2	1	**99,5**	3	2	**99,7**	2	2	**100**	-	-	**-**
Geography	2	-	**94,5**	5	1	**91,0**	-	-	**-**	6	4	**96,3**
German	8	7	**99,5**	7	4	**91,0**	9	8	**97,7**	3	2	**93**
French	-	-	**-**	-	-	**-**	1	1	**100**	1	1	**100**
Total	453	114	**87,4**	419	80	**87,2**	436	142	**92,2**	422	124	**90,6**

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 2018-2022

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
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
2019	52	34	14	100	0	0

The study choices of the school-leavers consistently demonstrate that all those who opt to continue their education enroll 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 KTUG graduates choose to continue their education abroad.

CHOICES OF STUDY FIELDS BY SCHOOL-LEAVERS, 2019-2023

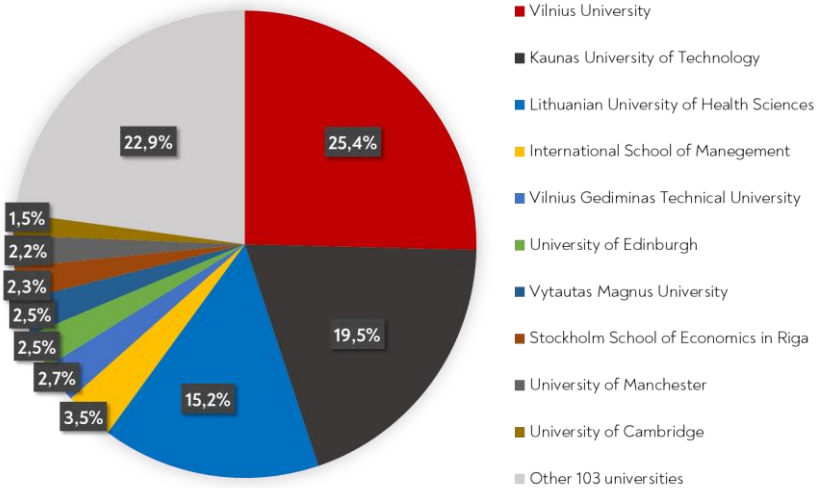
Technology, Social Sciences and Biomedical Sciences remain the most popular fields of study among the Gymnasium students.

Graduation year	Biomedical and Health Sciences	Nature Sciences	Technology Sciences	Social Sciences	Humanitarian Studies	Arts	No data	Grand Total
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
2019	17	10	26	16	9	3	14	95

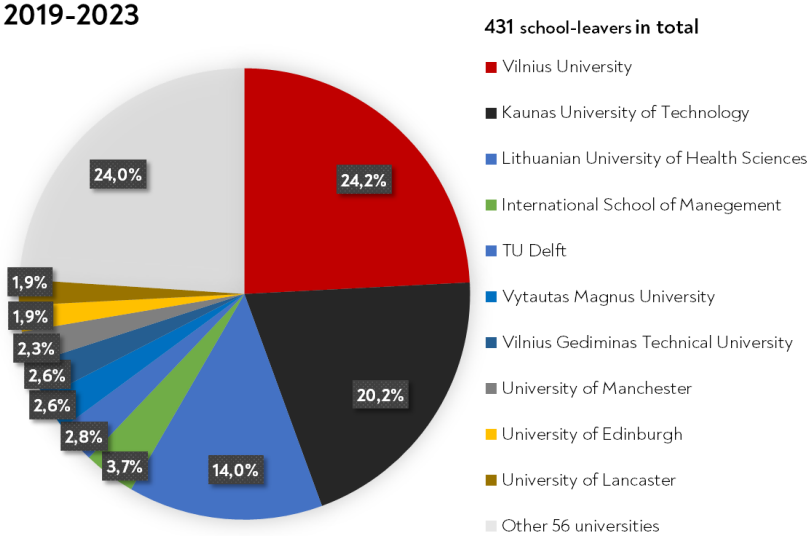
CHOICES OF HIGHER INSTITUTIONS BY SCHOOL-LEAVERS SINCE 2003

The results have been public since the general qualification of higher education system was implemented in Lithuania in 2003. In total, 1451 pupils have graduated from the Gymnasium ever since.

2003-2023



2019-2023



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

WINNERS OF NATIONAL OLYMPIADS IN 2018-2021

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

Subject	2022				2021				2020				2019			
	I	II	III	H.c.	I	II	III	H.c.	I	II	III	H.c.	I	II	III	H.c.
Chemistry	3	6	3	3	8	6	4	4	3	6	12	1	5	5	7	4
Economics	1	3		1	2	3	4	1	2	1	2		2	4	1	
Debates	3				2		1			1						
Physics and astronomy	6	3	3	5	1	2	1	2	2	1	4	2	4	8	10	4
Information sciences	2	4	3	1	1	1	3		2	2	2	1	5	5	5	
Lithuanian		1			1											
German					1											
Mathematics	2	2	5	4		2	8			1			3	4	7	1
Natural and Earth sciences		3	5	3		1	6	6		1	6	1	1	1	1	
Biology			1	1		1	2						2		2	1
English						1	1						1	1		
French		1					1		1					1		
Geography		1	1				1		1				1	2	2	
Philosophy									1		1			1		
Russian										1				1		
Total	17	24	21	18	16	17	32	13	12	14	27	5	24	33	35	10
	80				58				102				97			

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 143 medals and 24 honorary certificates in global student Olympiads.

Subject	Gold	Silver	Bronze	Honorary certificate
Chemistry	5	10	10	2
Natural sciences	5	23	15	-
Debates	3	-	3	-
Mathematics	1	2	12	14
Physics and astronomy	1	1	8	6
History and philosophy	1	-	1	1
Information sciences	-	12	13	1
Biology	-	1	8	-
Geography	1	4	1	-
Economics	-	1	1	-
Total	17	54	72	24

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

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

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