

KAUNAS UNIVERSITY OF TECHNOLOGY GYMNASIUM

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SCHOOL

KTU Gymnasium was founded in 1989 as KPI Experimental Secondary School, a public establishment aiming at creating an academically advanced schooling environment for exceptional students from Lithuania. Enrolling students from grades 9 to 12, the Gymnasium is a national leader of schooling not only in terms of secondary education, but also in raising intellectually prominent, ambitious, competent, diligent, conscientious and distinguished young individuals.

The community of KTU Gymnasium, including many esteemed teachers, experts, professors and lecturers of Kaunas University of Technology, attracts the most academically accomplished and motivated pupils by contested acceptance to the school and offers the possibilities to greatly expand their horizons, seek their personal ambitions in various spheres, prove themselves in national and international academic Olympiads (with more than 150 students having won titles in global competitions), all while thoroughly mastering the mandatory secondary education programme. The steadily growing number of academic Olympiad titleholders, along with consistently excellent results in the National school-leaving examinations of Lithuania, where the results of KTU Gymnasium students yearly rank top positions amongst other Lithuanian schools, prove the school to be an academic exemplar. The status of public establishment enables the school to have a flexible nature, utilizing it to continuously improve both the educational process and its community.

Having a remarkable foundation of socially, communally and civilly conscious individuals with firm virtues of responsibility and perennial self-improvement, KTU Gymnasium, over the course of its presence in independent Lithuania, has become a significantly substantial academic and social establishment.

TEACHERS IN THE GYMNASIUM

The teachers in the Gymnasium are highly qualified, with almost half of them having been awarded a Master's degree or PhD. 22 teachers are qualified as teacher-methodologists or expert teachers.

Criteria		Number of teachers
Professional qualification / Academic degree	Bachelor's degree and higher education (without a qualification degree)	20
	Master's degree	15
	Doctor's degree	1
Pedagogical qualification	Qualified teacher	6
	Senior teacher	8
	Teacher-methodologist	14
	Expert teacher	8

ADMISSION

Every year, to ensure impartial admission to the school, 5 academic competitions titled MLT (Science Leaders' Tournaments) and entrance exams are held for 8th grade pupils who wish to be enrolled in KTU Gymnasium. The first five students who achieved the best results in MLT are admitted without taking entrance exams. Since 2016, 10th grade pupils are invited to take entrance exams to be admitted to an additional Year 11 class focusing on advanced IT teaching.

As of today, the school holds 3 classes of Year 9, 3 classes of Year 10, 4 of Year 11 and 4 of Year 12 students.

CURRICULUM

The Gymnasium is based on the principles of a European gymnasium-type school model and offers the teaching programme in accordance with the national syllabus. Year 9 and 10 students are required to study all subjects in the curriculum. Year 11 and 12 students can choose their own programme, adhering to the rules and requirements imposed. The programme is to encompass 28 to 35 academic hours per week and include subjects from various academic fields (such as Mathematics, Lithuanian, English, Biology, etc.). These subjects can be studied at either the extended level (A) or the standard level (B). A different number of academic hours is allocated to each subject and level. The students of IT classes are required to choose different numbers of hours.

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

Subject	Year 9	Year 10	Year 11			Year 12		
			Level B	Level A	Level IT	Level B	Level A	Level IT
ETHICS/RELIGIOUS INSTRUCTION	1	1	1	-	-	1	-	-
LITHUANIAN (native language)	5	5	4	5	5	4	5	5
1 ST FOREIGN LANGUAGE	3	3	-	-	-	-	-	-
2 ND FOREIGN LANGUAGE	2	2	-	-	-	-	-	-
FOREIGN LANGUAGE B2 (CEFR)	-	-	4			4		
FOREIGN LANGUAGE B1; A2 (CEFR)	-	-	3			3		
HISTORY	2	2	2	3	3	2	3	3
GEOGRAPHY	2	2	2	3	-	2	3	-
CITIZENSHIP	1	1	-	-	-	-	-	-
MATHEMATICS	5	5	3	5	6	3	6	6
INFORMATION TECHNOLOGIES	1	1	1	2	4	1	2	4
TECHNOLOGIES (programmed instruction, publishing, design)	1	1	-	-	-	-	-	-
PHYSICS	2	2	2	3	-	2	4	-
BIOLOGY	2	2	2	3	-	2	3	-
CHEMISTRY	2	2	2	3	-	2	3	-
ARTS	1	1	2	-	-	2	-	-
MUSIC	1	1	2	-	-	2	-	-
PHYSICAL EDUCATION	2	2	2	-	-	2	-	-
ECONOMICS	1	-	2			2		
SOCIAL SERVICE	15**	15**	20**			10**		

*new curriculum from 2017

**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 1 st Semester: 09-01 – 01-20 The 2 nd Semester: 01-23 – 06-16			The 1 st Semester: 09-01 – 01-20 The 2 nd Semester: 01-24 – 05-26
Autumn holidays	10-31 – 11-04			
Winter (Christmas) holidays	12-27 – 01-06			
Winter holidays	02-13 – 02-17			
Spring (Easter) holidays	04-11 – 04-14			
The end of the school year	06-16			05-26
The length of the education process in days	185			170

GRADING SYSTEM

Students are assessed on a ten-point grading scale, where 10 is the highest grade. 10 is regarded as excellent, 9 and 8 indicates good results, 7 and 6 imply average, while 5 and 4 are regarded as lowest passing grades, 3-1 are considered failing grades. Continuous assessment is practised over the course of a semester. The grade average of every subject is given at the end of each semester. At the end of the school year, students are given final grades, which are the averages of both semesters.

GRADUATION

To be awarded the Maturity Certificate (Brandos Atestatas) students must take exams. To enter higher educational institutions the school-leavers have to pass at least 3 exams. A student can take the maximum number of 6 exams.

ALUMNI

KTU Gymnasium Alumni Association (KTU Gimnazijos Alumni Draugija) was founded in 2008 with the aim of uniting KTU Gymnasium graduates. The main objectives of the Association are

- to encourage and maintain relationships among KTU Gymnasium graduates as well as their relations with the Gymnasium;
- to contribute to the development of KTU Gymnasium;
- to defend the rightful interests of KTU Gymnasium Alumni.

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

RESULTS OF NATIONAL SCHOOL-LEAVING EXAMINATIONS

Due to exceptionally high results of all state examinations, KTU Gymnasium is constantly among the three top schools in Lithuania. In recent years, the highest evaluations were received in state examinations of English, Information Technology and Natural Sciences. The results of all subjects are among top 10 results in Lithuania. In 2022, KTUG students received 80 highest evaluations, i.e., were awarded the maximum grade of 100.

To apply to a university in Lithuania, a school-leaver has to pass three mandatory examinations: Lithuanian, Mathematics and a foreign language (English, French or German). The most popular optional exams are Information Technology, Chemistry and Biology.

Subject	2022			2021			2020			2019		
	Total	100	Average	Total	100	Average	Total	100	Average	Total	100	Average
Lithuanian	90	14	79,6	93	15	78,5	90	10	76,7	96	7	73,1
Mathematics	92	9	72,2	93	20	84,3	90	14	83,4	96	26	83,4
English	91	28	92,0	91	56	98,3	86	61	98,4	91	67	98,4
IT	42	10	87,2	40	25	97,4	43	23	94,1	45	26	94,7
Biology	23	2	88,3	35	9	95,7	31	4	91,7	29	6	91,0
Chemistry	28	5	92,5	33	3	89,2	42	2	88,9	39	12	91,1
Physics	21	5	84,6	20	2	87,2	18	2	87,2	19	5	87,7
History	17	-	81,1	19	1	85,8	12	1	86,7	19	-	83,7
Russian	3	2	99,7	2	2	100	-	-	-	-	-	-
Geography	5	1	91,0	-	-	-	6	4	96,3	7	2	86,9
German	7	4	91,0	9	8	97,7	3	2	93	1	1	100
French	-	-	-	1	1	100	1	1	100	-	-	-
Total	419	80	87,2	436	142	92,2	422	124	90,6	442	152	89,0

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
2022	73	15	4	99%	1%	0
2021	57	32	4	100	0	0
2020	64	32	4	100	0	0
2019	52	34	14	100	0	0
2018	59	33	8	100	0	0

The dynamics of study choice shows that all the Gymnasium school-leavers who decide to continue their studies choose tertiary education institutions. This reflects the purpose of the Gymnasium - the school is oriented towards the Lithuanian students with high academic achievements in the fields of Physical and Technological sciences. Majority of the Gymnasium school-leavers continue their studies in Lithuania and only one- third of KTUG graduates pursue their studies abroad.

CHOICES OF STUDY FIELDS BY SCHOOL-LEAVERS, 2017-2022

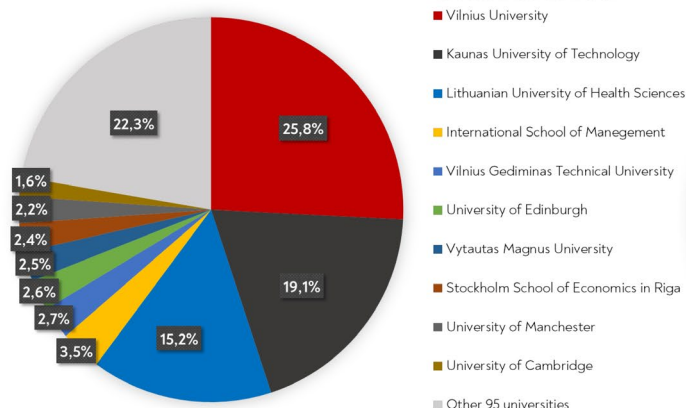
Technology and Biomedical sciences remain as the most popular fields of study among the Gymnasium students.

Graduation year	Biomedical and Health Sciences	Nature Sciences	Technology Sciences	Social Sciences	Humanitarian Studies	Arts	No data	Grand Total
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
2018	27	6	39	14	-	6	3	95

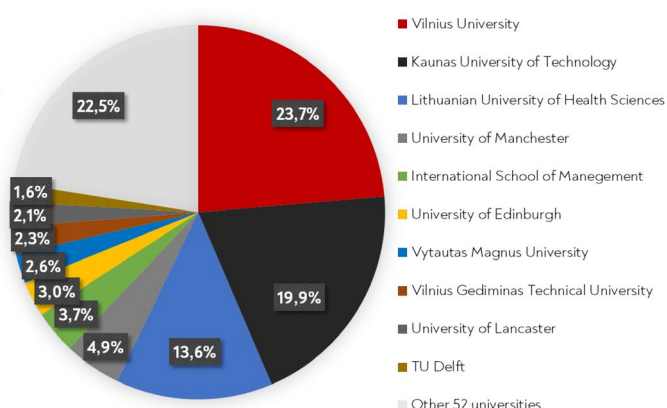
CHOICES OF HIGHER INSTITUTIONS BY SCHOOL-LEAVERS SINCE 2003

The results have been public since the general qualification of higher education system was implemented in Lithuania in 2003. In total, 1354 pupils have graduated from the Gymnasium ever since.

2003-2022



2018-2022



Note: the charts provided below 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	2021				2020				2019				2018			
	I	II	III	H.c.	I	II	III	H.c.	I	II	III	H.c.	I	II	III	H.c.
Chemistry	8	6	4	4	3	6	12	1	5	5	7	4		3	5	2
Economics	2	3	4	1	2	1	2		2	4	1		2	5	2	1
Debates	2		1			1								1		
Physics and astronomy	1	2	1	2	2	1	4	2	4	8	10	4	2	4	10	4
Information sciences	1	1	3		2	2	2	1	5	5	5		4	4	5	2
Lithuanian	1														1	
Germany	1															
Mathematics		2	8			1			3	4	7	1	7	15	6	3
Natural and Earth sciences		1	6	6		1	6	1	1	1	1		1			
Biology		1	2						2		2	1	1		2	
English		1	1						1	1						
French			1		1					1					1	
Geography			1		1				1	2	2		3		1	
Philosophy					1		1			1						
Russian						1				1						
Total	16	17	32	13	12	14	27	5	24	33	35	10	20	32	33	12
	78				58				102				97			

WINNERS OF INTERNATIONAL OLYMPIADS

Teaching exceptionally gifted students is a prioritized sphere of education that enables students to utilize their full potential and talent. Pupils representing the Gymnasium have won 128 medals and 22 honorary certificates in global student Olympiads:

Subject	Gold	Silver	Bronze	Honorary certificate
Chemistry	5	10	9	2
Natural sciences	5	21	15	-
Debates	2	-	2	-
Mathematics	1	2	12	14
Physics and astronomy	1	1	5	5
History and philosophy	1	-	1	1
Information sciences	-	11	13	1
Biology	-	1	8	-
Geography	1	3	1	-
Economics	-	1	1	-
Total	16	50	67	23

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 / Denmark	Biology / 2019 / Hungary	Mathematics / 2008 / Spain
15	Mathematics / 2007 / Vietnam	Natural sciences / 2017 / Denmark	Biology / 2019 / Hungary	Chemistry / 2007 / Russia
16	Global debates / 2005 / Macedonia	Natural sciences / 2017 / Denmark	Mendeleev chemistry Olympiad / 2019 / Russia	Mathematics / 2006 / Slovenia
17		Natural sciences / 2017 / Denmark	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