

KAUNAS UNIVERSITY OF TECHNOLOGY GYMNASIUM

Address: Studentų St. 65, 51369 Kaunas, Lithuania

tel.: +370 (37) 451469

e-mail: info@ktug.lt

website: www.ktug.lt



Tomas Kivaras – principal

Edita Jančiauskienė – vice-principal (upper secondary education)

Diana Suodienė – vice-principal (lower secondary education)

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 over 151 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. 15 teachers are qualified as expert teachers or university lecturers.

Criteria		Number of teachers
Professional qualification / Academic degree	Bachelor's degree and higher education (without a qualification degree)	18
	Master's degree	15
	Doctor's degree	4
Pedagogical qualification	Qualified teacher	8
	Senior teacher	7
	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 2021-2022 SCHOOL YEAR

	I	II	III	IV
The beginning of the school year	09-01			
Duration of the semesters	The 1 st Semester: 09-01 – 01-21 The 2 nd Semester: 01-24 – 06-17			The 1 st Semester: 09-01 – 01-21 The 2 nd Semester: 01-24 – 06-21
Autumn holidays	11-03 – 10-31			
Winter (Christmas) holidays	12-27 – 01-07			
Winter holidays	02-14 – 02-18			
Spring (Easter) holidays	04-19 – 04-22			
The end of the school year	06-17			05-20
The length of the education process in days	185			165

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 2021, KTUG students received 142 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	2021			2020			2019			2018		
	Total	100	Average	Total	100	Average	Total	100	Average	Total	100	Average
Lithuanian	93	15	78,5	90	10	76,7	96	7	73,1	94	2	72,0
Mathematics	93	20	84,3	90	14	83,4	96	26	83,4	94	16	81,9
English	91	56	98,3	86	61	98,4	91	67	98,4	89	52	97,6
IT	40	25	97,4	43	23	94,1	45	26	94,7	36	24	96,8
Biology	35	9	95,7	31	4	91,7	29	6	91,0	34	8	93,7
Chemistry	33	3	89,2	42	2	88,9	39	12	91,1	44	3	85,2
Physics	20	2	87,2	18	2	87,2	19	5	87,7	27	1	78,4
History	19	1	85,8	12	1	86,7	19	-	83,7	15	1	87,3
Russian	2	2	100	-	-	-	-	-	-	-	-	-
Geography	-	-	-	6	4	96,3	7	2	86,9	2	2	100
German	9	8	97,7	3	2	93	1	1	100	3	3	100
French	1	1	100	1	1	100	-	-	-	-	-	-
Total	436	142	92,2	422	124	90,6	442	152	89,0	438	112	89,3

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 2017-2021

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
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
2017	64	27	9	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, 2017-2021

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

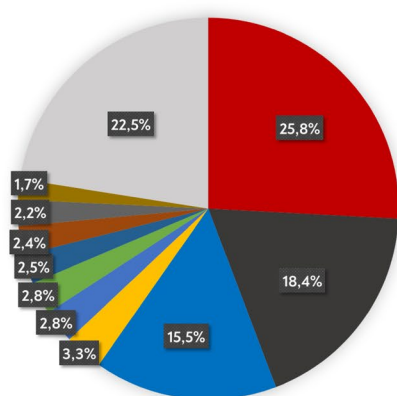
Graduation year	Biomedical and Health Sciences	Nature Sciences	Technology Sciences	Social Sciences	Humanitarian Studies	Arts	No data	Grand Total
2021	15	17	34	18	-	5	4	93
2020	22	14	30	13	5	2	4	90
2019	17	10	26	16	9	3	14	95
2018	27	6	39	14	-	6	3	95
2017	23	10	19	11	2	5	10	77

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, 1270 pupils have graduated from the Gymnasium ever since.

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

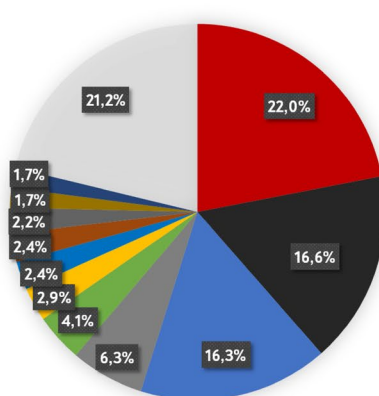
2003-2021



1443 school-leavers in total



2017-2021



410 school-leavers in total



WINNERS OF NATIONAL OLYMPIADS IN 2018-2021

KTU Gymnasium students received 102 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	19	14	-
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	-
Biology	-	1	8	-
Geography	-	3	1	-
Economics	-	1	-	-
Total	15	48	65	22

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

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