



Academic Quality Book at Gdańsk University of Technology

www.pg.edu.pl/jakosc-ksztalcenia

Gdańsk, 2023

Table of contents

Table of contents	1
Introduction	3
1. University presentation	4
1.1. Description and status	4
1.2. History	4
1.3. Localization	6
1.4. Organizational structure and governance	6
1.5. Strategy, vision and mission statement	7
2. Education quality policy	9
2.1. University System for the Assurance and Improvement of Education Quality at Gdańsk University of Technology (Polish acronym USZiDJK)	9
2.2. University Committee for the Assurance of Education Quality (Polish acronym UKZJK)	10
2.3. Universitywide decision-makers in matters of education quality assurance and improvement at Gdańsk Tech	11
2.4. Evaluation of education quality	11
2.4.1. Accreditation of the fields of study granted by the Polish Accreditation Committee	11
2.4.2. Accreditation of fields of study by the Accreditation Commission of Universities of Technology (Polish acronym KAUT)	14
2.5. International certifications and awards in the field of education quality	15
2.6. Evaluation of doctoral schools	16
3. Education	17
3.1. Learning outcomes	17
3.2. Bachelor's degree and master's degree studies	17
3.2.1. Admission	18
3.2.2. Study Offer	18
3.2.3. Training newly admitted students	19
3.2.4. Study programs	19
3.2.5. Student evaluation system and registration for subsequent semesters	21
3.2.6. Internships	21
3.2.7. Diploma project, thesis and diploma exam	21
3.3. Doctoral schools, doctoral studies	22
3.3.1. Admission and offer of the doctoral school at Gdańsk Tech	23
3.3.2. Admission, offer and training programs of the industrial doctoral school	24
3.3.2. Education programs and research plans	24
3.4. Postgraduate studies	25
3.4.1. Admission and offer of postgraduate studies	25
3.4.2. Study programs and organization	25
3.4.3. Postgraduate certificate	25
3.5. Ethics in the didactic process	25
4. Personnel, material and financial resources needed to achieve strategic goals and learning outcomes	27
4.1. Human Resources Policy	27
4.2. Financial policy	29
4.3. Infrastructure	30
5. Scientific research	35
5.1. Connecting research to education offer	35
5.2. Doctoral and undergraduate participation in ongoing research	36
6. Students, doctoral students and employee mobility	36
6.1. Internationalization of the education process	36
6.2. Multiple qualification and exchange agreements	38
6.3. International programs and mobility	41
6.4. National mobility of students	43
6.4.1. MOSTECH student mobility program	43

6.4.2. Inter-university national studies	43
7. Academic, teaching and material support	45
7.1. Research and teaching support	45
7.2. Material support	45
7.3. Support for persons with disabilities	45
7.4. Conflict resolution and psychological support	46
7.5. Psychologist and psychotherapist assistance	47
8. Student and doctoral organizations	47
8.1. Student government of Gdańsk University of Technology	47
8.2. Doctoral Student Government of Gdańsk University of Technology	47
8.3. Student organizations	48
9. External stakeholders	48
9.1. University Council	48
9.2. Other university bodies involving external stakeholders	48
9.3. Gdańsk University of Technology alumni	49
10. Monitoring of the university System for the Assurance and Improvement of Education Quality, Analysis and Improvement.	50
10.1. General provisions	50
10.2. Resource monitoring and improvement activities	51
10.3. Monitoring of the university System for the Assurance and Improvement of Education Quality	52
10.4. Annual reports	52
11. University procedures list	52



ACADEMIC QUALITY BOOK

Date of release:
June 10, 2013

**Date of approval of
the last version:**
February 9, 2023

Version no: 8

Page 3/54

Introduction

The Academic Quality Book of Gdańsk University of Technology is a tool of the university System for the Assurance and Improvement of Education Quality. (Polish acronym USZiDJK). The Book describes the educational process at Gdańsk Tech, along with related processes, and the principles of operation and monitoring of the system for ensuring and improving the quality of education at Gdańsk Tech, including documenting the procedures of USZiDJK.

Historically, the first Academic Quality Book at Gdańsk Tech was introduced in 2013. (rector's Regulation No. 15/2013 of June 10, 2013), and digitally in 2014 (rector's Regulation No. 31/2014 of July 2, 2014). The most recent regulation - rector's Regulation No. 60/2022 of September 7, 2022 - introduced an update to the rules for publication of the Academic Quality Book of Gdańsk University of Technology, Books of Quality of Education at faculties of Gdańsk University of Technology, Books of Quality of Education at teaching centers of Gdańsk University of Technology. The book is periodically updated - at the beginning of each calendar year on the basis of data submitted to the Strategic Analysis Center.

The Academic Quality Book is published on the Education Quality website at Gdańsk Tech.

1. University presentation

1.1. Description and status

Gdańsk University of Technology (Gdańsk Tech) is an **academic public university**, the oldest and **largest technical university** in Northern Poland. It has a legal personality. It is autonomous to the extent provided for in the Act of July 20, 2018, the Law on Higher Education and Science (i.e., Dz. U. 2022 item 574 as amended), hereinafter referred to as the Act.

Its activities are guided by the principles of freedom of teaching, scientific research, artistic creativity, as well as ethics and respect for rights, including intellectual property. It acts against discrimination.

The mission of Gdańsk Tech is to provide high-quality education for the needs of the economy and society, conduct scientific research and commercialize it, at a level that ensures the contribution of the university to civilizational change, cultural enrichment and the development of science and technology.

Since 2017, the university has been using a distinction awarded by the European Commission - the HR Excellence in Research Logo, and since 2018 also the EUA-IEP (European University Association - Institutional Evaluation Programme) distinction awarded by the European University Association.

In 2020, together with the University of Gdańsk and Medical University of Gdańsk, Gdańsk Tech established the Fahrenheit Union of Universities in Gdańsk (FarU). The most important task of the Union is to make the best use of the resources and potential of the three universities that comprise it.

In 2019, **Gdańsk Tech was awarded research university status** in the Ministry of Science and Higher Education's (MNiSW) "Excellence Initiative - Research University" program. It took second place in the overall ranking of the universities evaluated and was recognized as the best technical university in Poland.

1.2. History

The history of Gdańsk University of Technology dates back to the beginning of the 20th century, when on October 6, 1904, the Royal Prussian University of Technology began its operations (Königliche Preussische Technische Hochschule), established by the German Reich authorities. This was the first academic school in Gdansk, whose task was to spread technical knowledge in West Prussia and Pomerania.

From the very beginning, the university was housed in beautiful and, to this day, magnificently preserved buildings designed by Albert Carsten, erected in 1900-1904. These were: The Main Building, the Chemistry and Electrical Engineering Buildings, and the Machine Laboratory with its distinctive water tower. In its early years, the university was designed for 600 students, but the extension was envisioned to accommodate 1,000 students.

After World War I, as a result of the Treaty of Versailles, Danzig was granted the status of a Free City. The dispute over the university between Poland and Gdansk ended on July 27, 1921 with the transfer of the university to the Free City of Gdansk.

After 1921, i.e. during the existence of the Free City of Danzig, the number of students increased and was about 1,600. In total, about 16,000 students matriculated by 1945. We do not know the exact number of Poles studying at the pre-war university, it is estimated to have been approximately 1,200. After the end of World War II, on May 24, 1945, a Polish state university, Gdańsk University of Technology, was established by a Decree of the National Council of the Republic of Poland. Although the decree provided for the creation of four faculties, six were established, namely: Architecture, Shipbuilding, Chemical Engineering, Electrical Engineering, Civil Engineering, and Mechanical Engineering. As early as April 1945, reconstruction of the university's damaged and burned-out buildings began. Employees and students worked on the reconstruction, and at the same time the educational

process was carried out. A ceremonial first lecture, delivered by Professor Ignacy Adamczewski, marked the beginning of classes on October 24, 1945. In the first year, 1,647 students enrolled. The teaching staff consisted primarily of academics from the universities of Lviv, Vilnius and Warsaw, including many distinguished professors. From the beginning, the university staff and students took an active part in the reconstruction of the resurgent industry, primarily in the maritime economy in the broad sense.

The following years saw rapid development of Gdańsk Tech. The number of students and academics increased. Since the early 1990s, the annual increase in the number of students admitted to the first year of study reached 20 percent. The number of students in 1990 was 7,600, in 1996 it rose to 13,000, in 2004 it was 19,000, and in 2013 the number of students and listeners was at a record of about 25,000. In the following years, the number of students enrolled at Gdańsk Tech was gradually reduced as a result of the adjustment of the Student Staff Ratio (SSR), which describes the optimal ratio between academic staff and students, to the guidelines of the Ministry of Science and Higher Education (currently the Ministry of Education and Science) to 13. **Currently, there are more than 13,500 students in full-time and part-time studies at Gdańsk Tech** (about 13,546 - total number of students as of December 31, 2022), **and the SSR rate for the entire university of Technology is 11.74** (number of students by number of academic staff, per FTE, as of December 31, 2021).

New buildings were built, studios and laboratories were equipped with modern apparatus. In subsequent years, the organizational structure of Gdańsk University of Technology underwent numerous changes. New faculties were created, which changed their names, split or merged, adapting the university's activities to current needs related to the development of technology and Polish industry. In 2006, Didactic Centers were established.

Gdańsk University of Technology currently consists of eight faculties:

- [Architecture \(Polish acronym WA\)](#),
- [Chemistry \(Polish acronym WCh\)](#),
- [Electronics, Telecommunications and Informatics \(Polish acronym WETI\)](#),
- [Electrical Engineering and Control Engineering \(Polish acronym WEiA\)](#),
- [Applied Physics and Mathematics \(Polish acronym WFTiMS\)](#),
- [Civil and Environmental Engineering \(Polish acronym WLiŚ\)](#),
- [Mechanical Engineering and Ship Technology \(Polish acronym WIMiO\)](#),
- [Management and Economics \(Polish acronym WZiE\)](#);

two doctoral schools:

- [doctoral school](#),
- [industrial doctoral school](#).

As well as **three teaching centers**:

- [Language Center \(Polish acronym CJO\)](#),
- [Mathematics Center \(Polish acronym CM\)](#),
- [Academic Sports Center \(Polish acronym CSA\)](#).

Gdańsk Tech is also home to the Centre for Innovative Education ([Polish acronym CNE](#)), which was established in 2021 to support university teachers in improving their methodological and teaching competencies.

Thanks to the Excellence Initiative - Research University program, four research centers have been [established at Gdańsk University of Technology](#):

- [BioTechMed Center](#)
- [EkoTech Center](#),
- [Digital Technologies Center](#),

- [Advanced Materials Center](#).

Gdańsk University of Technology, as part of its cooperation with the socio-economic environment, has also established two university-wide interdisciplinary research and implementation centers:

- [Center for Hydrogen Technologies](#)
- [Offshore Wind Energy Center](#)

In 2016, Gdańsk Tech began the process of transformation from a teaching and research university into a research center of international prestige, competing with foreign universities and at the same time delivering teaching at the highest level. Efforts were made to develop a strategy for a research university with international recognition. On July 18, 2017 Gdańsk Tech earned the right to use the HR Excellence in Research Logo, a distinction awarded by the European Commission to institutions that implement the principles of the [European Charter for Researchers and the Code of Conduct for the Recruitment](#) of researchers. On September 10, 2018, the university additionally obtained the right to.

As of mid-2018, Gdańsk Tech implemented the POWER 3.5 project "Integrated Development Program of the Gdańsk University of Technology", under which study curricula were improved, training was provided to improve the competence of academic, administrative and management staff, and selected processes at the university were optimized. Since 2019, the "[Multigenerational University of Technology](#)" project has been implemented as part of the university's third mission, aimed at popularizing science and technology and disseminating culture.

In addition, Gdańsk Tech has adopted a new model for doctoral education. On April 18, 2019, an Industrial [doctoral school](#) was established, which is co-managed with two institutes of the Polish Academy of Sciences - the Robert Szwed Institute of Fluid-Flow Machinery (IMP PAN) and the Institute of Hydraulic Engineering (IBW PAN). The industrial doctoral school was established on January 23, 2020, with training started on October 1, 2020, i.e. from the academic year 2020/2021.

At the end of 2019, Gdańsk University of Technology ranked second among 20 Polish universities and was recognized as the best technical university in Poland, in the program of the Ministry of Science and Higher Education, Excellence Initiative - Research university. Consequently, Gdańsk Tech was granted the status of a [research university](#).

A [detailed history](#) of Gdańsk Tech is posted on the website.

1.3. Localization

The headquarters of Gdańsk University of Technology is located at Gabriela Narutowicza 11/12 Street. The [Gdańsk Tech campus](#), including buildings of all faculties and centers, as well as technical and administrative buildings, is shown on the map available on the website.

Gdańsk Tech also has its own resort "Czarlina" located in the Kashubian Lake District and the Conference and Rehabilitation Center Hotel "[Eureka](#)" in Sopot.

1.4. Organizational structure and governance

According to the [Statute of Gdańsk Tech](#), the only single-person body of the university is the rector, who is the superior of all members of the university community. The collegial bodies of the university are the senate, the university council, the councils of scientific disciplines and the councils of scientific fields. The electoral body of the university is the university college of electors. In addition, at Gdańsk Tech there are the following managerial functions within the meaning of the Act: pro-rectors, deans, the director of a university institute and the director of a doctoral school.

The current diagram of the university's organizational structure is shown below and published on the website.

The detailed powers and tasks of the university bodies are defined by the Law and in [the Statute of Gdańsk Tech](#), while the other management is defined by the Organizational rules of Gdańsk Tech

introduced by the rector of Gdańsk University of Technology through Regulation No. 63/2022 of September 29, 2022. The rector shall delegate the scope of tasks in which he is assisted by the vice-rectors in directing the activities of the university in accordance with the Organizational rules of Gdańsk Tech. In addition, the rector, in writing, grants a person in a managerial position a power of attorney to make declarations of intent on behalf of the university within the scope of his/her function or authorization to issue administrative decisions, resolutions and certificates. The rector may also grant other employees, including vice-deans, a power of attorney or authorization to perform legal actions on behalf of the university.

Information about the persons currently managing the university can be found on the [website](#).

1.5. Strategy, vision and mission statement

The current [Development Strategy of Gdańsk Tech](#) is published on the website for the information of all stakeholders. It is a signpost in our pursuit of scientific, teaching and innovative excellence. It formulates the basic principles and criteria of our efforts, as well as the strategic goals of Gdańsk Tech development for 2020-2030.

Gdańsk University of Technology promotes universal humanistic **values**: individual dignity and freedom, social equality, interpersonal solidarity, tolerance and affirmation of diversity and social inclusion. The supreme values nurtured by the University of Technology include concern for the conditions and quality of life of present and future generations.

The main academic values of Gdańsk University of Technology's are as follows: institutional autonomy of the university, freedom of scientific research, and honesty and integrity in the conduct of scientific research and its presentation (research integrity).

The following academic instrumental values are also important to Gdańsk University of Technology:

- a sense of belonging and participation by all members of the university community as an incentive for commitment and creativity for the benefit of the university, as well as a source of personal satisfaction;
- equality of esteem between research and education;
- the development of internationalization as a lever for the development of a European identity that respects national cultures and their heritage;
- mutual recognition of education, periods of study and learning outcomes - in accordance with the Lisbon Convention - as a foundation for the development of the European Education Area;
- multilingualism as one of the forms of realization of the motto *In varietate concordia*;
- full freedom of universities in shaping the content and structure of their educational programs as an important special case of autonomy of higher education institutions.

According to our **vision**, Gdańsk University of Technology is a world-class research university, pioneering new research directions, providing flexible education tailored to individual needs, nurturing the humanistic education of engineers, creating innovations for future generations, serving society and humanity, and ensuring the Tricity agglomeration's status as one of the leading academic centers in the country.

The strategic goals of Gdańsk University of Technology for 2020 - 2030 in the areas of science, education, innovation and community engagement reflect the university's high level of ambition while maintaining a realistic assessment of internal and external conditions.

The following table shows the key objectives in the four most important areas:

SCIENCE	
N1	Conduct world-class research, evidenced by publications in the most respected journals - including Science and Nature;
N2	Join the global ranks of research universities;
N3	Being among the universities guiding research directions, especially in the priority research areas of Gdańsk University of Technology;
N4	Be a major contributor to the global development of digital technology and artificial intelligence;
N5	Have world-class scholars among the research staff, including those classified as Highly Cited Researchers;
N6	Beneficiary of the most prestigious international grants, including grants awarded by the European Research Council;
N7	Possession of high-end research infrastructure that offers services internationally and is a vital component of distributed international research laboratories
N8	Become a venue for meetings, conferences and scientific seminars of global importance.
EDUCATION	
E1	Provide world-class education based on the latest scientific research, using a problem- and project-oriented approach and student participation in professional research teams;
E2	Possess a flexible teaching offer based on modular arrangement of study programs and extensive use of remote and blended learning;
E3	Widespread use of a personalized approach to programs of study that provides students with considerable freedom to choose modules and their sequence, as well as the duration of study (intensity of study);
E4	Multidimensional use of the "dual learning" model;
E5	Have an effective support system for the implementation and execution of innovative teaching and learning methods;
E6	Provide humanistic and economic education for engineers, including including sustainability, and education in interpersonal skills in a dimension that meets changing needs;
E7	Highly effective in attracting talented youth, including international youth;
E8	Increase systematically the participation of foreign students and academics in the educational process;
E9	Transform campus effectively into a place for intensive international exchange of knowledge, experience, traditions and cultural heritage (an environment that inspires diversity).
INNOVATIONS	
I1	An environment that is very friendly to innovation, which is reflected, among other things, in the promotion of academic careers based on innovative activities and strong administrative support for these activities;
I2	Strengthening consideration of the external perspective in the university's management and having rich cooperative ties with the socio-economic environment;
I3	Prominently increase the scale of commercialization of scientific research results through spin-off companies;
I4	Effective support system for innovative ventures of students and graduates;
I5	Constant reduction of the gap between research and its implementation
I6	National and international market presence of innovative products developed at the university or with its significant participation;
I7	Substantially increased the number of domestic and foreign patents and patent revenues;
I8	Significant increase in R&D revenues to the socio-economic environment, particularly through the establishment of Core Facilities;
I9	Contribution to the development of the concept of open innovation (Open Innovation) is visible internationally.
ENGAGEMENT	
Z1	Treat the United Nations Sustainable Development Goals as its own goals and be an active participant in the global process of achieving these goals;
Z2	Engagement in national and international activities to increase the social responsibility of the university;
Z3	Serve as an important cultural center and a popular meeting place for residents of Gdansk agglomeration and its visitors;
Z4	Pronounced diversification and internationalization of the university community.

Z5	Development of a widely accessible university campus for students, employees and visitors with functional diversity, in accordance with the principles of sustainable development;
Z6	An education offer significantly expanded and constantly adapted to social needs ;
Z7	The university as an important and socially visible entity disseminating and implementing the idea of volunteerism;
Z8	The development and promotion of employees' work-life balance ("work-life balance").

Implementation of the strategy is based on operational programs, which are a separate set of dedicated internal documents of the university and agreements with entities providing funding to the university for the implementation of the goals included in the strategy. This set includes the following programs and specific strategies:

R1	Program of commitment of Gdańsk University of Technology to society and the environment, including a plan to implement the principles of equal treatment
R1	Gdańsk University of Technology's program of commitment to society and the environment, including a plan to implement the principles of equal treatment R2 Project implementation plan for Excellence Initiative - Research University
R3	Development and acquisition support program for globally recognized scholars ("Iconic Scholars")
R4	Strategy for remote education and teaching excellence
R5	Strategy for innovation
R6	Development and Consolidation of Research Infrastructure Program ("Core Facilities")
R7	Strategy HR4R
R8	Development programs for professional development of young scientists and administrative staff
R9	Strategy of internationalization
R10	Strategy for promotion and communication

2. Education quality policy

2.1. University System for the Assurance and Improvement of Education Quality at Gdańsk University of Technology ([Polish acronym USZiDJK](#))

The university System for the Assurance and Improvement of Education Quality has been in place at Gdańsk Tech since 2004, introduced by a regulation (rector's Regulation No. 9/2004 of March 26, 2004). Internal educational quality assurance systems are in operation at the faculties, doctoral schools and teaching centers, enabling systematic monitoring, evaluation and improvement of the ongoing educational process at all faculties and levels of higher education, doctoral school (doctoral studies until December 31, 2023) and postgraduate studies, in terms of realization of the assumed learning outcomes and updating study programs. Pro-quality efforts also apply to personnel policies and the university infrastructure in general.

The senate of Gdańsk University of Technology, by adopting Resolution No. 15/2012/XXIII of November 21, 2012, defined the objectives and structure of the system, as well as the scope of effort and composition: university committee for education quality assurance ([Polish acronym UKZJK](#)), Faculty Committees for Quality Assurance of Education ([Polish acronym WKZJK](#)) and Committees for Quality Assurance of Education ([Polish acronym KZJK](#)) in Teaching Centers. By Regulation of the rector of Gdańsk University of Technology No. 65/2022 of September 30, 2022, updates were made within the scope of educational quality assurance.

Objectives of USZiDJK:

- 1) to develop pro-quality attitudes in Gdańsk Tech academic community and build a culture of quality,
- 2) to ensure consistency of education and research,

- 3) to achieve the assumed learning outcomes by students, doctoral students and postgraduate students,
- 4) to improve the quality of academic, technical and administrative staff,
- 5) to use the potential of the broadly understood socio-economic environment to assess and improve the quality of education,
- 6) to provide information to internal and external stakeholders on efforts to improve quality and learning outcomes achieved,
- 7) to increase the attractiveness and competitiveness of Gdańsk Tech and create a solid foundation for strengthening the high position of Gdańsk Tech among Polish and foreign universities,
- 8) to improve the quality and development of infrastructure and increase the number of laboratories and specialized workshops that can be used by students in the regular educational process and beyond.

Structure of USZiDJK

In accordance with § 2 of the Appendix to the rector's Regulation No. 65/2022:

1. The structure of the university System for the Assurance and Improvement of Education Quality is formed by:

- vice-rector for organization and development,
- university committee for education quality assurance,
- faculty commissions for education quality assurance,
- education quality assurance committees at teaching centers,
- Strategic Analysis Center,
- Education Office.

(2) The consultative and advisory role is performed by:

- senate committee on education,
- study program team for Gdańsk Tech,
- committee for ects catalog,
- discipline and field councils,
- HR Center,
- IT Services Centre
- Gdańsk Tech student government and the doctoral student government at Gdańsk Tech,
- other organizational units, teams and committees designated by the vice-rector for organization and development.

In addition, in accordance with the Statute of Gdańsk Tech, the councils of scientific disciplines and councils of scientific fields perform activities related to doctoral school education, including substantive supervision of doctoral school education.

USZiDJK at Gdańsk Tech is academic staff, doctoral students and students, as well as other internal and external stakeholders.

2.2. University Committee for the Assurance of Education Quality ([Polish acronym UKZJK](#))

UKZJK is appointed by the rector of Gdańsk Tech for the duration of the term of the university authorities (pursuant to §3 and 4 of the Appendix to the rector's Regulation No. 65/2022 of September 30, 2022). The UKZJK consists of:

- chairperson,
- a representative of each faculty and teaching center,
- two student representatives, designated by Gdańsk Tech student parliament,
- a representative of doctoral students, indicated by the university Council of doctoral students of Gdańsk Tech,
- representatives of the Strategic Analysis Center,
- a representative of the Education Office,

- a representative of the Career and Alumni Office,
- a representative of the Center for Innovative Education,
- a representative of external stakeholders (delegated by the Board of Gdańsk Tech Alumni Association).

The UKZJK, as part of its composition, appoints university teams for the assessment of education quality, to which it assigns specific tasks related to the monitoring of specific areas of UKZJK activities.

The tasks of the UKZJK include efforts to ensure and improve the quality of education, in particular:

- 1) developing projects and proposals to enable the realization of objectives in line with the university's strategy for ensuring and improving the quality of education,
- 2) developing projects and proposals for university-wide education quality assurance procedures,
- 3) setting schedules of activity for individual areas related to education quality,
- 4) appointing, committees and expert teams and assigning them tasks with deadlines for implementation, in agreement with the rector,
- 5) monitoring the timeliness of figures and information in the university and faculty quality books and quality books in teaching centers,
- 6) consulting study programs and learning outcomes with the socio-economic environment, in relation to market needs,
- 7) promoting pro-quality initiatives among the Gdańsk Tech community,
- 8) preparing an annual report to determine quantitative indicators and trends of teaching activities and their effects, and presenting it at the senate meeting,
- 9) participating in the preparation of the university for institutional and faculty accreditations,
- 10) updating the Academic Quality Book on an annual basis.

[The results of UKZJK's work](#), including reports, are public and published on the dedicated Gdańsk Tech website.

2.3. Universitywide decision-makers in matters of education quality assurance and improvement at Gdańsk Tech

The decision-makers in matters of ensuring and improving the quality of education at the university-wide level of Gdańsk Tech are: the vice-rector for education, the vice-rector for student affairs and the vice-rector for organization and development, as well as the vice-rector for science, in accordance with the rector's Regulation No. 63/2022 dated September 29, 2022 on introduction of the Organizational rules at the Gdańsk University of Technology.

2.4. Evaluation of education quality

2.4.1. Accreditation of the fields of study granted by the Polish Accreditation Committee

The quality of higher education, in accordance with the guidelines of the Act, is subject to evaluation conducted by the Polish Accreditation Committee (Polish acronym PKA). Evaluation is carried out in the form of program evaluation or comprehensive evaluation.

Program evaluation consists of a cyclical assessment of the quality of education in a field of study. When conducting program evaluation, in particular, the following are taken into account:

- 1) study programs and education standards,
- 2) teaching and scientific staff,
- 3) infrastructure used to implement the study program,
- 4) cooperation with the social and economic environment,
- 5) internationalization,
- 6) support of students in the learning process.

The program evaluation ends with either a positive or negative decision. A positive program evaluation is issued for a period of up to 6 years. The following scale is used to assess the degree of fulfillment of the detailed criteria for program evaluation specified in Appendix 2:

- 1) fulfilled criterion;
- 2) partially fulfilled criterion ;
- 3) unfulfilled criterion.

The presidium issues:

- 1) a positive program evaluation for a period of 6 years, if all the detailed criteria for program evaluation specified in Appendix No. 2 are met, and the opinion of a team or a team for teacher training contains at most recommendations, indicating new opportunities to improve the quality of education;
- 2) a positive program evaluation for a period of up to 2 years, if at least one specific criterion for program evaluation as specified in Annex No. 2 is partially met and the opinion of the team or the team for teacher training includes recommendations of a corrective nature, indicating the need for immediate removal of errors and inconsistencies, as well as the need to take effective preventive efforts, and these recommendations are feasible within a maximum of 2 years.

Comprehensive evaluation consists in assessing efforts aimed at ensuring the quality of education at the university. When conducting a comprehensive evaluation, in particular, the effectiveness of efforts to ensure the quality of education at the university in all areas in which education is provided is taken into account. Comprehensive evaluation ends with issuing a positive evaluation or refusal to issue a positive evaluation. A positive comprehensive evaluation is issued for a period from 3 to 8 years.

The PKA may award Education Excellence Certificates representing the achievement of an outstanding level of education in a field of study on a particular level and profile in the following categories:

- 1) Excellent degree program - excellence in providing education as part of a degree program,
- 2) Student-centered - excellence in supporting the development of students,
- 3) Open to the world - excellence in international cooperation,
- 4) Partner for development - excellence in cooperation with the social and economic stakeholders.

An Education Excellence Certificate in a given category may be awarded to a university with a field of study that has received a positive program evaluation for 6 years, supported by good education quality practices or documented regular achievements of students and graduates (up to 5 years after graduation) and a recommendation for distinction and justification in the evaluation team's report.

The criteria for program evaluation are provided for in the Regulation of September 12, 2018 on the criteria for program evaluation, while the detailed criteria and procedure for program evaluation and comprehensive evaluation, the rules for selecting degrees for program evaluation in a given year, and the rules for awarding Education Excellence Certificates are defined in the PKA Statute.

In 2022, PAC awarded three positive evaluations of education quality in terms of program evaluation, listed in the table below. In addition, Gdańsk Tech still had 22 valid PKA accreditations obtained earlier.

No.	Faculty	Field of study	Level of study	Number of PKA resolution	Date of PKA resolution	Evaluation	Deadline next evaluation
1	WIMiO	Ocean Engineering	Bsc & Msc degree	678/2022	21.07.2022	positive	2027/2028
2	WIMiO	Mechatronics	Bsc & Msc degree	445/2022	23.06.2022	positive	2027/2028
3	WIMiO	Medical and Mechanical Engineering	Bsc & Msc degree	319/2022	05.05.2022	positive	2027/2028

No.	Faculty	Field of study	Level of study	Number of PKA resolution	Date of PKA resolution	Evaluation	Deadline next evaluation
4	WILiŚ	Civil Engineering	Bsc & Msc degree studies	948/2021	16.09.2021	positive	2026/2027
5	WCh	Chemistry	Bsc & Msc degree studies	221/2021	25.03.2021	positive	2026/2027
6	WCh	Biotechnology	Bsc & Msc degree studies	795/2020	05.11.2020	positive	2026/2027
7	WCh	Chemical Technology	Bsc & Msc degree studies	252/2020	21.05.2020	positive	2025/2026
8	WFTiMS	Nanotechnology	Bsc & Msc degree studies	937/2019	12.12.2019	positive	2025/2026
9	WETI	Informatics	Bsc & Msc degree studies	912/2019	12.12.2019	positive	2025/2026
10	WETI	Automatics Control and Robotics	Bsc & Msc degree studies	904/2019	12.12.2019	positive	2025/2026
11	WFTiMS	Technical Physics	Bsc & Msc degree studies	849/2019	14.11.2019	positive	2025/2026
12	WETI, WCh, WFTiMS	Biomedical Engineering	Bsc & Msc degree studies	652/2019	05.09.2019	positive	2024/2025
13	WFTiMS	Mathematics	Bsc & Msc degree studies	572/2019	25.07.2019	positive	2024/2025
14	WETI	Electronics and Telecommunications	Bsc & Msc degree studies	455/2019	11.07.2019	positive	2024/2025
15	WZiE	Economic Analytics	Bsc & Msc degree studies	599/2018	11.10.2018	positive	2024/2025
16	WA	Architecture	Bsc & Msc degree	459/2018	06.09.2018	excellent	2025/2026
17	WEiA	Electrical Engineering	Bsc & Msc degree studies	372/2018	09.07.2018	positive	2023/2024
18	WEiA	Automatic Control and Robotics	Bsc & Msc degree studies	371/2018	09.07.2018	positive	2023/2024
19	WOiO	Transport	Bsc degree studies	227/2018	10.05.2018	positive	2023/2024
20	WM	Mechanical Engineering	Bsc & Msc degree studies	34/2018	25.01.2018	positive	2023/2024
21	WZiE	Management	Bsc (licencjat) degree studies	610/2017	23.11.2017	positive	2023/2024
22	WM	Management and Production Engineering	Bsc degree studies	663/2016	08.12.2016	positive	2022/2023

No.	Faculty	Field of study	Level of study	Number of PKA resolution	Date of PKA resolution	Evaluation	Deadline next evaluation
23	WM, WCh, WFTiMS	Materials Engineering	Bsc & Msc degree studies	662/2016	08.12.2016	positive	2022/2023
24	WOiO, WM, WEiA	Power Engineering	Bsc & Msc degree studies	661/2016	08.12.2016	positive	2022/2023
25	WZiE	Management	Bsc & Msc degree studies	252/2016	02.06.2016	excellent	2023/2024

A full list of grades awarded by PKA to Gdańsk University of Technology, including current and archived grades, can be found on the [Gdańsk Tech website](#).

2.4.2. Accreditation of fields of study by the Accreditation Commission of Universities of Technology (Polish acronym KAUT)

The quality of education in technical studies may also be assessed by the Accreditation Commission of Universities of Technology (KAUT). KAUT is a member of the European Network for Accreditation of Engineering Education (ENAAE) accreditation commission and, since 2013, has been authorized to award the European quality certificate EUR-ACE® Label. Thus, units awarded the KAUT/ENAAE certificate are simultaneously awarded the EUR-ACE certificate for the first and second degree programs of the accredited faculty. In addition, in countries with regulated engineering professions, EUR-ACE® Label-certified programs meet the prerequisites for the title of Registered or Chartered Engineer (CEng), and the Fédération Européenne d'Associations Nationales d'Ingenieurs (FEANI) automatically counts these programs as eligible for the title of European Engineer (EUR ING). On May 21, 2019, KAUT received re-accreditation of the EUR-ACE® Label (Bachelor, Master). The Commission's activities are supervised by the Conference of rectors of Polish Technical Universities (KRPUT).

KAUT/ENAAE accreditation is voluntary, and the evaluation procedure is initiated at the request of a university, faculty or other organizational unit implementing teaching at a technical university. Only a course of study that has a current PKA program accreditation, valid for at least one year on the date of submission of the Self-Assessment Report, may be evaluated. KAUT/ENAAE accreditation complements PKA accreditation, highlights the specificity of education in technical sciences, allows universities to show their own vision of development and identity, distinctiveness, originality, creativity, but also competitiveness.

In 2022, Gdańsk Tech has been accredited by KAUT/ENAAE for the Biotechnology major, implemented at WCh (Faculty of Chemistry). Currently, Gdańsk Tech has 4 valid international accreditations of KAUT/ENAAE and EUR-ACE® Label, as listed in the table below.

No.	Faculty	Field of Study	Level of study	Form of Study	Deadline next evaluation
1	WCh	Biotechnology	bachelor's degree and master's degree studies	full time	04.03.2027
2	WEiA	Automation, Robotics and Control Systems	bachelor's degree and	full time	19.02.2026

			master's degree studies		
3	WA	Architecture	bachelor's degree and master's degree studies	full time	23.04.2025
4	WLiŚ	Transport	bachelor's degree and master's degree studies	full time	2022/2023

2.5. International certifications and awards in the field of education quality

Gdańsk Tech, in an effort to improve the quality and internationalization of education, is joining foreign accreditations and acquiring certificates from industry committees.

The following table shows the international education quality certificates and awards held by Gdańsk Tech, including faculty and institutional accreditations.

Lp.	Faculty	Certified area/ field of study	Certificates and distinctions	The accrediting organization
1.	Gdańsk Tech	Institutional accreditation of the university	EUA-IEP (European University Association – Institutional Evaluation Programme)	European University Association
2.	WCh	Chemistry, Bsc	Certyfikat ECTN Chemistry Eurobachelor	European Chemistry Thematic Network
3.	WCh	Chemistry, Bsc	Certyfikat ECTN Chemistry Euromaster	European Chemistry Thematic Network
4.	WCh	Chemistry, doctoral studies	Certyfikat ECTN Chemistry Doctorate Eurolabel	European Chemistry Thematic Network
5.	WZiE	All the fields on WZiE – institutional accreditation	CEEMAN International Quality Accreditation	International Association for Management Development in Dynamic Societies
6.	WZiE	Master of Business Administration (MBA)	Certyfikat AMBA	Association of Masters In Business Administration
		International Management (Msc degree)		
7.	WFTiMS	Mathematics	Certyfikat Certificate SAS	SAS Institute Sp. z o.o.
8.	WEiA	Automatics, Robotics and Control Systems Bsc Degree	European-Accredited Engineering Bachelor's degree studies Programme	European Network for Accreditation of Engineering Education ENAEE
9.	WEiA	Automatics, Robotics and Control Systems Msc Degree	European-Accredited Engineering Master's degree studies Programme	European Network for Accreditation of Engineering Education ENAEE
10.	WA	Architecture and Urban Planning	Diplomas are recognized in the countries of the European Union, the European Economic Area and the Swiss Confederation on the basis of compliance of the applicable study program with Directive 2005/36/EC. Recognition of qualifications	

Lp.	Faculty	Certified area/ field of study	Certificates and distinctions	The accrediting organization
			evidenced by the diploma of graduation in the field of "Architecture and Urban Planning" was issued on the basis of compliance of the applicable study program with Directive 2005/36/EC, as recorded in the Official Journal of the European Union. Recognition of qualifications of graduates of the course "Architecture and Urban Planning" is indefinite.	

* The table does not take into account the EUR-ACE® Label accreditations listed in Section. 2.4.2.

2.6. Evaluation of doctoral schools

The quality of education in a doctoral school is subject to evaluation by the Commission for the Evaluation of Science (KEN) at least every 6 years. The first evaluation of the quality of education in a doctoral school shall be carried out after at least 5 years from the date of commencement of education in this school.

The evaluation shall take into account the following criteria:

- adequacy of the educational program and individual research plans to the learning outcomes for qualifications at PRK level 8 and their implementation,
- the manner of verification of learning outcomes for qualifications at PRK level 8,
- qualifications of academic teachers or research staff educating at the doctoral school,
- the quality of the recruitment process,
- quality of scientific or artistic supervision and support in conducting scientific activities,
- reliability of conducting mid-term evaluation,
- internationalization,
- effectiveness of doctoral training.

The evaluation ends with a positive or negative evaluation. In the case of a negative evaluation, the university loses the right to run the doctoral school, which the evaluation relates to, at the end of the academic year in which the evaluation became final. Then the university is obliged to provide its doctoral students with the opportunity to continue their education in another doctoral school.

3. Education

Gdańsk University of Technology educates:

- 1) students in full-time and part-time studies of the bachelor's and master's degree studies,
- 2) doctoral students in doctoral studies and doctoral schools,
- 3) students in postgraduate studies and in other forms of education, in particular: training, courses, including professional development courses.

The university may also conduct uniform master's degree programs, individual interdisciplinary studies, joint degree programs and dual degree programs under the terms of the Act, as well as other educational efforts, including popularization, for the benefit of local, regional, national and international communities, implementing the third mission of the university.

The rules of study, doctoral studies and doctoral schools, as well as the rights and obligations of students and doctoral students are set forth in the rules of study, the rules of doctoral studies and the relevant rules of doctoral schools adopted by the senate, respectively. The rules for the operation of postgraduate studies and other forms of education are defined by appropriate regulations approved by the rector.

3.1. Learning outcomes

The basis for the construction of study programs, doctoral studies and training programs at doctoral schools are learning outcomes, described in terms of knowledge, skills and social competencies, in accordance with the Act on the Integrated Qualification System. The learning outcomes are developed on the basis of universal characteristics and characteristics of levels 6-8 of the second level, and are typical of qualifications obtained within the framework of higher education.

Outcomes in category "knowledge", are acquired primarily in lectures and through independent study, and to a lesser extent in other forms of classes. Effects in the categories "skill"s and "social competence" are acquired primarily in seminars, laboratories, practical classes and design, as well as internships.

3.2. Bachelor's degree and master's degree studies

Studies are offered in a specific field, level and profile, on the basis of a study program, in accordance with the study rules. Studies are conducted at the level of first and/or second degree, on a practical and general academic profile. Studies can be provided on a full-time or part-time basis. Each field of study is assigned to at least one discipline, and in the case of assignment to more than one, the leading discipline is indicated, within which the student will obtain more than half of the learning outcomes.

The regulations for the creation, conduct and liquidation of fields of study are established by the rector.

Classes in degree programs may be provided in the form of lectures, exercises, laboratory, workshop and project classes, seminars, studios and lectures, as well as with the use of distance learning methods and techniques.

3.2.1. Admission

There are three options for college admission:

- recruitment,
- confirmation of learning outcomes,
- transfer from another Polish or foreign university.

The conditions, procedure and deadlines for the start and end of admission for full-time and part-time studies of the bachelor and master degree studies at Gdansk Tech for a given academic year are determined by separate resolutions of the senate. Detailed rules for the admission of laureates and finalists of central-level olympiads and international or national competitions are determined by an independent resolution of the senate.

The university also annually organizes "Win an index" competitions, the winners of which are admitted to the chosen field of study without qualification proceedings based on the scores resulting from the matriculation exam.

Admission for bachelor's and master's degree studies is carried out electronically.

At Gdańsk Tech, an additional entrance exam is held for the major "Architecture" in connection with the need to check the predisposition to study in this field. This exam does not apply to subjects covered by the matriculation exam.

Registration for the first semester is carried out on the basis of registration on the list of students.

A candidate may be admitted to study at Gdańsk Tech through confirmation of learning outcomes that he/she has achieved outside the study system. The procedure to be followed is defined by the relevant resolution of the senate on the rules for confirmation of learning outcomes. As a result of the confirmation of learning outcomes, no more than 50% of the ECTS credits assigned to courses included in the curriculum may be credited. For the procedure related to the confirmation of learning outcomes, Gdańsk Tech charges fees specified in the relevant rector's regulation on charging fees for educational services.

A student may transfer from another university (hereinafter referred to as his/her home university) to Gdańsk university of Technology with the consent of the dean of the faculty hosting the student, if he/she has fulfilled all the obligations arising from the regulations in force at the home university.

3.2.2. Study Offer

In terms of full-time education (both levels), Gdańsk Tech offers a wide selection of majors. In the academic year of 2022/2023, candidates could choose from:

- 34 bachelor's degree fields of study with a general academic profile, including 30 fields leading to the professional title of bachelor and bachelor of architecture for the field of "Architecture", and 4 leading to the professional title of bachelor of arts.
- 33 master's degree fields of study with the general academic profile, leading to the professional title of master of science, master of engineering and master of architecture for the field of "Architecture", and 1 field of study with the practical profile "Engineering and Technologies of Energy Carriers".

The aforementioned full-time university programs also include bachelor's and master's degree studies programs in fields of study conducted jointly by several faculties, called interfaculty studies, and those conducted by several universities, called interuniversity studies. In the academic year of 2022/2023, there were 6 majors offered as interfaculty, and 3 majors offered as interuniversity (with the "Space and Satellite Technologies" major being pursued simultaneously as interfaculty and interuniversity).

In terms of part-time higher education, Gdańsk Tech offers first and second degree programs. In the academic year 2022/2023, candidates could choose from:

- 6 bachelor's degree studies, including 5 engineering and 1 bachelor's degree;

- 9 master's degree studies

The full offer of bachelor's and master's degree studies for the academic year is available on the admission information website. Currently provided courses are listed in the [ECTS information catalog](#).

Most of Gdańsk Tech's fields of study belong to the scientific field of engineering sciences.

The ECTS system (European Credit Transfer System) is obligatory in all fields, forms of study and levels of education implemented at Gdańsk Tech. When developing the study program, including the study plan when estimating the number of ECTS points for a given module and subject, it was assumed that 1 ECTS point corresponds to 25-30 hours of student work including classes organized by the university and his/her individual work related to these classes.

Full-time bachelor's degree studies:

- 1) ending with the title of bachelor - last at least 6 semesters, and the number of ECTS credits required for completion is not less than 180,
- 2) ending with the title of engineer (engineer of architecture for the field of "Architecture") - last at least 7 semesters, and the number of ECTS credits required for completion is not less than 210.

Full-time master's degree studies, which allow to obtain the professional title of master of science, master of engineering (master of architecture in the field of "Architecture"), last from 3 to 5 semesters. The number of ECTS credits required to complete these studies is not less than 90 credits.

Part-time studies in bachelor's and master's degree studies in a given field of study may last longer than the corresponding full-time courses.

3.2.3. Training newly admitted students

During the first semester of study at Gdańsk Tech, students undergo mandatory training, including:

1. Health and safety training in occupational health and safety,
2. Information Competencies - information literacy course developed separately for bachelor's degree and master's degree studies students,
3. Training of student e-learning platform - Moja PG system (Gdańsk Tech's internal portal) – a system they will use throughout their studies at Gdańsk Tech,
4. eNauczanie - introductory training for students - preparing to participate in teaching activities conducted using distance learning methods and techniques,
5. Study regulations training - on rights and responsibilities conducted by the student government, preparing training materials with the Parliament of Students of the Republic of Poland

3.2.4. Study programs

Programs and study plans for each course, level, profile and form of study are created in accordance with the Act, the applicable regulations of the Ministry of Science and Higher Education the rector's Regulation No. 23/2021 of April 26, 2021 on: establishing rules for the creation, conduct and liquidation of fields of study at Gdańsk University of Technology.

Programs of study according to the regulations previously in effect were determined by the senate, after being reviewed by the syllabus team, the faculty council and then the senate Committee for Education. The amendment to the Act of January 13, 2023 transferred the competence to determine the study program from the senate to another body of the university appointed by statute, with the provision that this change applies to the adoption of study programs. university effects will continue to be enacted exclusively by the senate.

Study programs are made available in the Public Information Bulletin (Polish acronym BIP) within 14 days of their adoption.

The study program for a field of study, level and profile of education shall specify:

- the form or forms of study,
- the number of semesters and the number of ECTS points required for graduation at a given level,
- the professional title awarded to graduates,
- course modules - classes or groups of classes - along with the assignment to them of learning outcomes and program content ensuring the achievement of these outcomes,
- the total number of hours of classes,
- ways of verification and assessment of learning outcomes achieved by the student during the entire cycle of study,
- the study plan including course modules,
- the total number of ECTS points that the student must obtain in classes conducted with the direct participation of academic teachers or other instructors,
- the number of ECTS credits a student must obtain from classes in the humanities or social sciences,
- the number of hours in physical education classes for full-time first degree and single master's studies.

The study plan of each level of study may specify subjects common to the field of study, to specializations or diploma profiles, as well as to several equivalent courses in different fields of study, e.g. a university-wide module of humanities and social sciences subjects in full-time, master's degree studies. The study plan also includes modules in which the student has the opportunity to choose the subject(s) as specified in the program.

At the request of a master's degree student, it is possible to extend the length of study by an additional semester, during which the student carries out a long-term research-industrial internship. Approval for the internship is granted by the dean. The R&D internship is assigned 30 ECTS points. In addition, the study program should include:

- the size, rules and form of professional practice for the field of study with a practical profile, and in the case of the field of study with a general academic profile - if the study program provides for practice, and the number of ECTS points that the student must obtain within the framework of these practices,
- implementation of team-based student projects for master's degree studies; they are not mandatory for bachelor's degree studies; it is recommended to strive for the creation of interdisciplinary teams (students and academic teachers of different majors and specialties).

In addition, a student may pursue studies according to an individual organization of studies, including an individual study program or an individual study plan, according to the rules set by the dean. The dean may grant permission to study with an individual study program to students who:

- have obtained a high average after 1 semester (or subsequent semesters) in the case of bachelor's degree studies, or have obtained a high average in their bachelor's degree studies in the case of master's degree studies,
- have documented academic achievements or are involved in the work of research and development teams operating at the university,
- are pursuing part of their studies at another university,
- want to study as part of individual research studies, including individual interdisciplinary studies.

Students pursuing an individual study program or individual study plan are bound by the Study rules, taking into account the dates specified in their study plan. The program and plan of individual research studies, including individual interdisciplinary studies, is determined by the student and the academic supervisor, and approved by the dean.

3.2.5. Student evaluation system and registration for subsequent semesters

Every form of classes that make up a subject listed in the study plan of a given semester is subject to a total assessment, with the applicable grading scale specified in the Study rules. In addition to the grade, the subject is assigned ECTS points, which are a measure of the study effort intensity. A student earns ECTS points for passing a subject, regardless of the amount of a positive grade received. A passed subject is not subject to repetition in a given course, and in the case of a change of course, the decision rests with the dean.

The settlement period for students is the semester. Student registration for particular semesters is based on his/her academic progress, measured by the number of ECTS credits earned, and subject to the completion of mandatory training courses. According to the current Study rules of Gdańsk Tech registration for subsequent semesters is dependent on the size of the point debt, which cannot exceed 12 ECTS credits counted up to the semester for which registration is conducted, and in the case of the final semester of bachelor's degree studies program, it is dependent on passing of all subjects in even semesters, for studies that last an odd number of semesters or passing of all subjects in odd semesters, for studies than last an even number of semesters. The point debt resulting from not passing the subjects of a given semester should be removed within one year.

The number of ECTS credits assigned to particular education modules and subjects, as well as the way they are passed (i.e. examination, graded credit, ungraded credit) are specified in the curriculum. In turn, the detailed criteria and rules for passing the subjects are specified in the charters of individual subjects prepared by the academic teachers responsible for the subject, and communicated to students at the beginning of classes by the class instructor or the teacher responsible for the subject. Fulfillment of the requirement to present the content of the subject, the conditions and criteria for passing the subject, is verified by students in the academic teacher evaluation form.

When passing subjects abroad, the dean decides on the grade, based on the documentation in his/her possession.

The system of assessing the degree of mastering of the learning outcomes at Gdańsk Tech is described in detail in Procedure No. 9 "System for assessing the mastery of learning outcomes".

3.2.6. Internships

Internships are an integral part of the bachelor's degree studies program, they are assigned a number of ECTS points and are subject to an assessment. They are conducted on full-time and part-time studies in the amount specified in the study program established by the senate. The purpose of the internship is the practical verification of selected learning outcomes in terms of knowledge, skills and social competencies acquired during the studies or preparation for writing the diploma thesis.

Internships are organized in accordance with the current Study rules. Detailed rules of internships and student's responsibilities during the internship are included in the faculty rules/regulations.

Coordination of matters related to internships, including their evaluation, is within the scope of the deans' representatives for professional internships in relevant fields of study.

3.2.7. Diploma project, thesis and diploma exam

The condition for completing studies and obtaining the diploma of completion of studies is: obtaining the learning outcomes specified in the curriculum, passing the diploma examination and positive evaluation of the diploma thesis in the case of master's degree and uniform master's studies, and in the case of bachelor's degree studies if this is required by the study program.

Details of the procedure for awarding diplomas are provided for in faculty guidelines, confirmed by the faculty board and consultation with the Student Government at the faculty.

Unless the exact type is specified, this term applies to all types of diploma theses: Bachelor's (licencjat) diploma thesis, Engineering diploma thesis (or project), Master's (magister) diploma thesis.

The thesis or diploma project can be carried out individually or in teams, under the guidance of a thesis supervisor, who is a person with at least the title of a doctor. With the authorization of the faculty board, an engineering (inżynier) or bachelor's (licencjant) diploma may be supervised by a person with the title of a master of engineering (magister inżynier) or a master of science (magister). It is also possible for diploma theses to be written under the supervision of specialists from outside Gdańsk University of Technology.

Thesis topics for bachelor's degree and master's degree studies are announced and entered into the "Moja PG" system at least 10 months before the end of the graduation semester.

The deadline and form of submission of the diploma thesis by the student are determined by the current study rules.

The written diploma thesis is checked before it is passed for authorship, including the use of the Uniform Anti-Plagiarism System. The rules for verification and acceptance of diploma theses at Gdańsk Tech are specified in the university's Procedure No. 3 "Anti-plagiarism verification".

In order to be admitted to the diploma examination it is a prerequisite to complete all the semesters in accordance with the curriculum, including obligatory training courses and internships, obtaining ECTS credits as provided for in the study program of a given course, as well as in the case of master's degree studies obtaining a positive evaluation of the diploma thesis.

The diploma exam is held within two months from the date of completion of the diploma semester for bachelor's degree studies and two months from the date of submission of the diploma thesis master's degree studies. The diploma exam is an oral exam.

Alumni are awarded diplomas of graduation, confirming that they have completed higher education and obtained an appropriate degree. A diploma with distinction, at the request of the dean, is awarded by the rector to a student who has fulfilled the conditions set forth in the current study rules. The graduate who has obtained a diploma with distinction is awarded the Golden Badge of a Graduate of Gdańsk University of Technology by the rector.

The diploma of graduation in the field of architecture from the Faculty of Architecture at Gdańsk University of Technology is the basis for automatic recognition of professional qualifications in the countries of the European Union, the European Economic Area and the Swiss Confederation, and opens the path to full authorization to practice the profession of architect in the above-mentioned countries. Recognition of qualifications was issued on the basis of compliance of the current study program with Directive 2005/36/EC, and this recognition is indefinite.

3.3. Doctoral schools, doctoral studies

The higher education reform introduced in 2018 through the Act, changed the current model of doctoral education and from the academic year 2019/2020, doctoral studies at Gdańsk Tech are conducted within the doctoral school, and from the academic year 2020/2021, they are additionally conducted within another school - the industrial doctoral school.

The doctoral school at Gdańsk Tech was established on April 18, 2019, and began training on October 1, 2019, i.e., the academic year 2019/2020, while the Implementation doctoral school was established on January 23, 2020, and began training on October 1, 2020, i.e., the 2020/2021 academic year.

The organization of education in doctoral schools is regulated by the Act and relevant regulations of doctoral schools adopted by the senate. In accordance with the Act, the training of doctoral students recruited from the academic year 2019/2020 onward may be carried out exclusively within the doctoral schools established at universities.

Doctoral students recruited before the legal change, before the academic year 2019/2020, continue their doctoral studies at their faculties under the previous rules set forth in the Law on Higher Education and

the rules of the doctoral studies at Gdańsk Tech. According to these, doctoral studies are conducted directly at the faculties, and are coordinated centrally by the Scientific Affairs Office and report to the Vice-rector for Academic Affairs. According to the implementing provisions - Law on Higher Education and Science, doctoral studies at Gdańsk Tech in their current form will be conducted until December 31, 2023. The studies are conducted on a full-time basis, and in the case of one faculty (Faculty of Management and Economics) also on a part-time basis.

At Gdańsk Tech, the doctoral school is jointly run by Gdańsk Tech, the Institute of Fluid-Flow Machinery of the Polish Academy of Sciences (PAS) and the Institute of Hydro-Engineering of the Polish Academy of Sciences. The doctoral school is headed by the director of the doctoral school and supervised by the rector, with the support of the doctoral school council. The doctoral school provides education in 13 disciplines in which the school's affiliated parties are authorized to confer doctoral degrees. Education in individual disciplines is organized in 3 areas grouping the fields of science (the area of social sciences, exact sciences and natural sciences, and engineering and technical sciences). Training is interdisciplinary in nature, taking place within a single doctoral school in full-time form.

The industrial doctoral school was established to pursue doctorates that have high application/implementation potential and respond to the needs of businesses. The industrial doctoral school implements doctorates that have qualified for the MEiN's industrial doctorate program. Training is provided, as in the doctoral school, in 13 scientific disciplines.

Starting in the 2023/2024 academic year, both schools will be able to train PhD students in 14 disciplines - their offerings will be expanded to include chemical engineering.

No.	Area	No.	Disciplines
1	Disciplines in social sciences area	1	economics and finance
		2	management and quality studies
2	Disciplines in exact and natural sciences area	3	chemical sciences
		4	physical sciences
		5	mathematics
3	Disciplines in engineering and technology area	6	civil engineering, geodesy and transport
		7	architecture and urban planning
		8	environmental engineering, mining and energy
		9	materials engineering
		10	mechanical engineering
		11	automation, electronics, electrical engineering and space technologies
		12	information and communication technology
		13	biomedical engineering
		14	chemical engineering

In the academic year 2021/2022, the first mid-term evaluation of doctoral students and an assessment of the quality of supervisor care within the two schools was conducted.

3.3.1. Admission and offer of the doctoral school at Gdańsk Tech

Admission to the doctoral school at Gdańsk Tech is carried out through a competitive process on the basis of the rules set by the senate on the proposal of the rector, known as the admission rules. Announcements on the launch of standard recruitment to the doctoral school and other relevant [information for candidates](#) to the school are published on the website.

Admission of a candidate to the doctoral school takes place by enrollment on the list of doctoral students in accordance with the final ranking lists created on the basis of the results of the work of the admission committees, by the director of the school. Admission is denied through an administrative decision.

A doctoral student has the option of transferring from a doctoral program or from another doctoral school to a doctoral school at Gdańsk Tech, changing disciplines within the doctoral school.

At the same time, one can be a doctoral student in only one doctoral school.

It is possible to combine training in the doctoral school and in doctoral studies conducted by any of the affiliated parties of the doctoral school, provided that it concerns a different subject and a different discipline in which the doctoral degree is to be conferred, and the supervisor or research supervisor in both cases cannot be the same person.

Education at the doctoral school at Gdańsk Tech is conducted in full-time form. In the academic year 2019/2020, it was provided in 12 scientific disciplines.

3.3.2. Admission, offer and training programs of the industrial doctoral school

Admission to the industrial doctoral school is conducted in a competitive mode, which consists of two stages: the first - admission to the industrial school and the second - admission to the program. Candidates, who have passed the first stage, are submitted by the university to the program. Education at the industrial doctoral school is conducted on the basis of educational programs adopted by the university senate and individual research plan of each doctoral student. It lasts eight semesters and ends with the submission of a doctoral dissertation.

The industrial doctoral school training program offers knowledge, skills and social competencies required for EQF level 8 and prepares for the submission of a dissertation, which initiates the procedure for granting the doctoral degree.

The program is based on modules, and includes compulsory and optional classes organized at the central level of the university for all participants in the industrial doctoral school, for doctoral students in particular areas (fields of science) and individually for doctoral students in particular disciplines. Considering the interdisciplinary nature of education, doctoral students may also attend classes in another discipline. Taking into account the fact that the participants of the school are working people, classes can be conducted in the form of lectures, practical classes, workshops, laboratories, training courses, schools and seminars, and are conducted at times convenient for doctoral students (usually in weekend mode). The language of instruction is Polish. There is a possibility of training in an individual educational program and schedule, determined in agreement with the thesis supervisor.

3.3.2. Education programs and research plans

Education at the doctoral school at Gdańsk Tech is conducted on the basis of educational programs adopted by the university senate (annually one educational program for the following academic year) and individual research plan of each doctoral student. It lasts eight semesters and ends with the submission of a doctoral dissertation.

The training program at the doctoral school enables the acquisition of the knowledge, skills and social competencies required for EQF level 8 and prepares for the submission of a dissertation, which initiates the procedure for granting the doctoral degree.

The program is based on modules and includes compulsory and optional classes, organized at the central level of the university for all participants in the doctoral school, for doctoral students in particular areas (fields of science) and individually for doctoral students in particular disciplines. Due to the interdisciplinary nature of education, doctoral students may also attend classes in another discipline.

The educational offer of the school is determined annually, and organized according to discipline and/or area corresponding to the fields of study. Information about the offered classes is announced on the school's website. Classes may take the form of lectures, exercises, workshops, laboratories, training courses, schools and seminars. The language of instruction at the school is English. In exceptional cases and only when there is a lack of interest on the part of foreign doctoral students, it is allowed to conduct classes in Polish.

It is possible to train according to an individual educational program and implementation schedule, determined in consultation with the thesis supervisor.

3.4. Postgraduate studies

Postgraduate studies at Gdańsk Tech are conducted in a part-time form in accordance with the postgraduate studies rules, continuing education courses and training conducted at Gdańsk Tech.

Supervision of the postgraduate studies is exercised by the rector and the head of the unit organizing the studies. For direct management of postgraduate studies, the vice-rector responsible for education appoints the manager and/or deputy manager of postgraduate studies/director of postgraduate MBA studies.

3.4.1. Admission and offer of postgraduate studies

In order to be admitted to postgraduate programs, including postgraduate MBA programs, the candidates need to have a full qualification of at least EQF level 6, obtained in the higher education and science system. Admission to postgraduate studies is based on the results of recruitment.

The list of postgraduate studies is published on the website.

3.4.2. Study programs and organization

Postgraduate studies shall last no less than two semesters and shall enable one to obtain partial qualifications at the 6th, 7th or 8th EQF level. Programs of postgraduate studies shall specify the learning outcomes for partial qualifications, taking into account the characteristics of the second level of the EQF at levels 6, 7 or 8 of the EQF, referred to in Poland as the Polish Qualification Framework (PRK), defined in the regulations issued pursuant to Article 7(3) and (4) of the Act of December 22, 2015 on the Integrated Qualification System (consolidated text Journal of Laws of 2020, item 226), and shall enable to obtain at least 30 ECTS points.

Postgraduate studies in the field of training for the teaching profession are conducted in accordance with separate regulations specifying the program requirements for postgraduate studies, the completion of which entitles one to practice the teaching profession or provides pedagogical qualifications.

3.4.3. Postgraduate certificate

Graduation from the postgraduate program is contingent upon fulfilling all requirements set forth in the postgraduate program, in particular, obtaining all credits and/or taking examinations and/or writing a thesis/project for credit.

Postgraduate students, upon completion of their studies, obtain postgraduate certificates.

3.5. Ethics in the didactic process

The Code of Ethics of the Gdańsk University of Technology, adopted by senate Resolution No. 303/2011 of January 19, 2011, was amended by senate Resolution No. 231/2022/XXV of June 15, 2022. It describes the values, principles and standards that reflect all that the Gdańsk Tech community has been guided by over the years without infringing on anyone's worldview and freedom to acquire and disseminate knowledge.

The provisions of the code stem from the accepted moral standards inherent in the ethics of academic education. Compliance with the code is entrusted to all participants in the didactic process, their sensitivity and conscience.

The teaching process is based on sovereignty, conscientiousness, mutual respect and trust of its participants, and requires special honesty and integrity. Therefore, Gdańsk Tech promotes practices based on:

- reliable requirements for students,
- involvement of academic teachers in the teaching process,
- striving for competence and dissemination of knowledge,
- informing students, doctoral and postgraduate students and employees about the applicable standards of conduct, rules and regulations.

Additionally, in accordance with the statute, the university is guided by the principles of freedom of teaching, scientific research, artistic creativity, and the principles of ethics and respect for rights, including intellectual property. Gdańsk Tech opposes any form of discrimination.

In accordance with the provisions of the directive of the European Parliament and of the Council (EU) 2019/1937 of 23.10.2019 on the protection of persons who report breaches of Union law, and on the basis of the statute, the internal notification rules were introduced at Gdańsk University of Technology, regarding:

- violation of the law and follow-up efforts, aimed at determining the procedures for receiving and processing reports of violation of the law and follow-up efforts at the university
- to create and guarantee mechanisms for notification of significant irregularities occurring related to violation of the law,
- protecting the university through early detection and removal of reported violations of the law.

4. Personnel, material and financial resources needed to achieve strategic goals and learning outcomes

4.1. Human Resources Policy

Gdańsk Tech provides personnel sufficient for its scientific, teaching and organizational activities. In order to provide educational services, Gdańsk Tech employs academic teachers and employees who are not academic teachers. Selection of appropriately prepared academic staff to teach students (meeting PKA educational quality standard No. 4.1.) is key to ensuring the proper quality of classes and achievement of learning outcomes by students. Principles and methods of staff selection, including detailed qualification requirements, hiring and dismissal procedures, are defined by the Act and Gdańsk Tech statute.

Academic teachers are employed in the following groups of employees:

- teaching,
- research,
- research and teaching staff.

Their duties include, respectively:

- teaching and educating students or participating in the education of doctoral students;
- conducting scientific activities or participating in the education of doctoral students;
- conducting scientific activities, training and educating students or participating in the education of doctoral students.

Gdańsk Tech continuously monitors the size of the academic staff, taking into account the qualifications, competence and experience of academic teachers and other instructors. This process takes place both at the central level and in the units that employ teachers. According to the implemented personnel policy (meeting PKA educational quality standard No. 4.2.), Gdańsk Tech systematically evaluates the teaching staff, including a survey process with students and doctoral students, while creating conditions to stimulate the staff for continuous development.

Within the framework of the project "Integrated Development Program of Gdańsk University of Technology" (POWER 3.5), from the middle of 2018 to the middle of 2022, numerous training courses were implemented to improve teaching competencies, concerning modern methods of data visualization, public speaking and cooperation and communication with students, as well as workshops and training courses, e.g. on effective communication for management and administrative staff.

Since 2019, the Excellence Initiative - Research university (IDUB) project has been in progress. Twenty-seven programs have been announced to support the activity of students, doctoral students and academic, teaching and research staff, in the following areas: scientific trips, funding for the employment of outstanding scientists at Gdańsk Tech, outstanding research programs aimed at employees of the university, acquisition of prestigious grants, funding for international cooperation, publication activities, promotion, programs aimed at students and mentoring grants. In the field of education, it is possible to obtain funds from the following IDUB programs:

- Carbonium Supporting Conferences program - funding for the organization of an international scientific conference
- Plutonium Supporting Student Research Teams - funding for student circles (the application is submitted by the circle's supervisor)
- Technetium Talent Management Grants - to support the activities of mentors (Academic teachers) caring for particularly talented students engaging in research activities in the topics of POB Centers
- Uranium Supporting Cooperation With High schools - supporting cooperation of Gdańsk Tech with high schools, mainly outside the Tri-City, identifying the most talented graduates as future students.

In 2021, the Center for Innovative Education (Polish acronym: CNE) was established. Its scope of work includes among other things:

- a wide range of certified training courses for university academic staff (throughout the academic year)
- an individual mentoring work program for lecturers (academic tutoring),
- consultations on the operation and design of courses in remote form on the university eLearning platform
- open training programs for academic staff of the university ("Didactic Fridays") and teachers of other universities and schools ("Mondays at Polytechnic"),
- training courses ordered by heads of university units on a continuous basis,
- certified e-learning class design courses for Gdańsk Tech lecturers,
- certified training courses for students "Effective learning, teamwork and communication",
- conducting subjects in bachelor's degree studies "Effective learning and development"
- conducting subjects for doctoral students "Didactic methods in modern teaching process" and "Distance learning techniques"
- program to support first-year students in learning physics "Easyfizna"
- didactic innovations competition of (annually)
- designing a system of certification of methodical and didactic competence of Gdańsk Tech academic teachers
- creation of modern multimedia textbooks,
- designing applications for subjects in the form of simulation and role-playing games,
- implementation of gamification in academic subjects,
- conducting research in the field of learning effectiveness.

The current catalog of training courses for employees, organized by the CNE, can be found on the [Center's website](#).

In addition, Gdańsk Tech, implementing the principles of the European Charter for Researchers and the Code of Conduct for the recruitment of researchers, planned in Gdańsk Tech HR4R Strategy, strives to provide favorable working conditions for researchers. This approach was recognized by the European Commission, which on July 18, 2017 granted Gdańsk University of Technology the right to use the HR Excellence in Research logo, and two years later, on November 21, 2019, forwarded the decision to maintain the HR distinction for the next three years, recognizing the implementation of the HR4R Gdańsk Tech Strategy as systematic and in line with the description in the action plan, and the efforts themselves as characterized by increased quality. For more information on its implementation, visit the [HR4R Gdańsk Tech Strategy website](#).

Accordingly, in December 2021 the rector issued the following regulations: establishing a Gender Equality Plan for Gdańsk University of Technology (No. 80/2021, dated December 21, 2021), introducing Internal Notifications Rules at Gdańsk University of Technology regarding breaches of law and follow-up activity (No. 76/2021, dated December 17, 2021).

The rules of remuneration for work and other work-related benefits for the employees of Gdańsk Tech are provided for in rector Regulation No. 12/2020 of March 16, 2020 on adopting the remuneration rules for the employees of Gdańsk Tech.

Evaluation of the effects of the personnel policy implementation, including the consistency of disciplines and scientific fields, represented by the research and teaching staff with the learning outcomes defined for the conducted studies and the doctoral students training, as well as the adequacy of the number of academic teachers involved in the teaching process to the number of its participants, is performed at the faculties and in doctoral schools.

4.2. Financial policy

Gdańsk University of Technology is an autonomous institution operating under the rules of the Act, which applies to financial and resource management. Gdańsk Tech has a financial policy that ensures the stability of its development in accordance with the statute, including:

- autonomous financial management based on a material and financial plan, within the framework of funds obtained from the state and local government budgets, donations, domestic and foreign bequests, and from paid teaching, scientific, service and other activities, in accordance with the regulations on public finance;
- accounting in accordance with the regulations on accounting, taking into account the principles set forth in the Act.

The university receives funds from the state budget in the form of subsidies and grants. Their allocation depends on the type of university in question and on meeting the criteria of the allocation algorithm used by the Ministry of Science and Higher Education. Gdańsk Tech as a public academic university receives:

- subsidies for maintenance and development of teaching potential,
- subsidies for maintenance and development of research potential,
- subsidies for students and doctoral students benefits,
- subsidies for tasks related to ensuring conditions for persons with disabilities to fully participate in the educational process and to conduct scientific activities,
- targeted subsidies for investments related to education.

Gdańsk Tech also receives other funds from the state budget, including structural funds and funds for scientific activity, as well as under long-term programs, such as POWER 3.5 or IDUB.

The university does not charge Polish citizens fees (tuition) for full-time bachelor's and master's degree studies in Polish, as well as for education in doctoral school and doctoral studies that have already expired. The exception is bachelor's degree studies in Management, for which Polish citizens are also charged fees. On the other hand, Gdańsk Tech charges fees for other educational services, related to:

- education on part-time studies,
- repetition of certain classes in full-time studies due to unsatisfactory academic performance,
- education on studies in a foreign language,
- teaching classes not included in the curriculum,
- education of foreigners on full-time studies in Polish,
- education of non-EU/EFTA international students in doctoral studies.

Gdańsk Tech also charges fees for:

- conducting recruitment,
- confirmation of learning outcomes,
- issuing a student ID card and its duplicate,
- issuing a doctoral card and its duplicate,
- issuing a copy of a diploma of graduation and a diploma supplement in a foreign language, other than those issued pursuant to Article 77(2) of the Act,
- issuing a duplicate of a graduation diploma and diploma supplement,
- issuing a copy, a duplicate of a doctoral diploma,
- use of student dormitories and student cafeterias.

The amount of fees for education of foreigners in full-time studies and in doctoral studies in Polish and in a foreign language, is specified in the relevant rector's regulation on the principles of charging fees for educational services, conditions and procedure of exemption from fees for students and the amount of fees for educational services at Gdańsk University of Technology.

The university - in accordance with the benefit rules for Gdańsk Tech students - grants the following assistance benefits to students and doctoral students:

- social scholarship,
- scholarship for persons with disabilities,
- rector's scholarship for students with outstanding academic results or high achievements,
- hardship allowance, which can be applied for by a student who is temporarily in a difficult life situation.

The university also awards scholarships from its own scholarship fund, under which doctoral students can apply for:

- a bonus for publications and patents for a participant in the doctoral school, if he or she is a co-author of a publication or patent with a staff member counted as N,
- scholarship awarded on an individual basis - support is given to outstanding doctoral students for outstanding achievements, for efforts to promote the university, or in the form of subsidized trips abroad. In the case of foreign doctoral students, scholarships may additionally be awarded to persons temporarily in a difficult financial situation and winners of competitions announced by the rector.

Within the IDUB program, supporting programs have been launched at Gdańsk Tech :

- Iconic Scholars, which aims to attract scholars with global recognition and to support the development of Gdańsk University of Technology employees with special potential to build a significant position in world science,
- Gdańsk Tech Core Edu Facilities and Gdańsk Tech Core Research Facilities programs, which aim to modernize Gdańsk University of Technology teaching and research infrastructure for modern education and science, especially in priority research areas (POB).

The rector of Gdańsk Tech annually allocates a portion of Gdańsk Tech budget from the reserve at his disposal for the implementation of projects of an infrastructural nature (investment or renovation), submitted by employees, students and doctoral students within the framework of successive editions of the civic budget.

4.3. Infrastructure

Gdańsk University of Technology has an extensive teaching, scientific, library and IT infrastructure, adapted to the specific nature of the studies offered, enabling proper implementation of classes and achievement of the established learning outcomes, including those adapted to the needs of people with disabilities in a way that ensures their full participation in education and scientific activities (meeting PKA educational quality standard No. 5.1.). Gdańsk University of Technology was one of two universities in the country in April 2018 to sign the declaration of partnership for accessibility and is a partner in the [Accessibility Plus program](#) implemented by the Ministry of Investment and Development. Currently, there are five universities among the signatories.

The [Palladium Supporting New R&D Services](#) program is part of the IDUB program tasks to increase knowledge and technology transfer under Task V.5. (activities aimed at increasing the efficiency of technology transfer). The Palladium Supporting New R&D Services program, the [Silicium Supporting Core R&D Facilities](#) program, and the IDUB Program Supporting Gdańsk Tech Core Research Facilities program provide financial support for the modernization and management of research infrastructure and purchase of equipment necessary for research.

According to the statute of Gdańsk Tech, the organizational unit of the university established for education and scientific research, industrial research, research and development work or commissioned research for the benefit of the socio-economic environment is the faculty. The rector of Gdańsk Tech appoints centers to conduct teaching tasks. Education in specialized fields of study may be entrusted to institutes. Third-level education is carried out at faculties in the formula of withdrawn doctoral studies

and centrally in the new formula, i.e. in doctoral schools, and postgraduate studies or other forms of education, such as training, courses, workshops, may be conducted by schools.

The property of a faculty or other organizational unit is a separate part of the property of the university. Heads of organizational units of the university administer and manage property in accordance with generally applicable regulations and resolutions of the bodies of the university and regulations of the rector.

The chancellor supervises the planning and implementation of investment and renovation activities of the university and the proper use of property, as well as the development of infrastructure.

Gdańsk University of Technology owns land with a total area of 77 hectares. There are buildings over a century old adjacent to modern facilities on the campus, housing more than 270 laboratories. In 2005 Gdańsk University of Technology won the title of "Well-Kept Monument" awarded by the Minister of Culture and National Heritage, and in 2018, according to the Times Higher Education portal, it was named the sixth most beautiful university in Europe, distinguished by its architecture, especially the Main Building, and the attractive location of the campus.

The website of the university includes an interactive map of the campus, listing buildings with the location of classrooms and laboratories, and indicating access roads, bicycle parking, food service and other facilities.

As of 31/12/2021, the premises include 94 buildings with a total area of 224,117.89 sqm. The premises include, according to their purpose: auditoriums, conference rooms, research laboratories, teaching laboratories, teaching rooms, reading rooms and other rooms. Their total area is 112,106.84 sqm. Gdańsk Tech has about 300 teaching (lecture and seminar) rooms, including 20 auditoriums, and about 460 teaching laboratories. Gdańsk Tech also has computer laboratories equipped with computer stations with Internet access for students.

In addition, as current needs and opportunities arise, renovations and extensions of existing infrastructure are carried out, i.e. thermal modernization of buildings, repair of pavement and sports infrastructure, replacement of cottages in the recreation center, development of green areas on campus and remodeling and retrofitting of student dormitories, as well as investment works within the framework of the Civic Budget.

Gdańsk Tech is home to the largest and most modern technical research library in northern Poland. Gdańsk University of Technology library has more than 1 million volumes collected and available in historical collections and the latest information sources in technical, medical and social fields. In its activities, the library strives to provide optimum service to the university research staff, doctoral students and students. It also has collections of museum objects and documents relating to the history of Gdańsk University of Technology.

Gdańsk Tech library is the leader of the Pomeranian Digital Library and the Tri-City Library Group. It cooperates with more than 80 scientific libraries in national and international interlibrary loans. Gdańsk Tech library offers support for researchers both in searching available information sources and in efforts related to the area of open science, e.g. publishing in the open access model or sharing research data. Students and doctoral students can benefit from:

- eight branches at all faculties, collecting and providing access to specialized literature,
- a general reading room with a station for accessing historical collections,
- a reading room with a station for providing access to museum artifacts,
- reading room for current periodicals, databases and standards,
- more than 440 places in reading rooms and branches,
- two lending libraries: local and interlibrary loan,
- more than 100 computer workstations, including workstations for people with disabilities.

The library, forming the library-information system of Gdańsk University of Technology, offers the academic community:

- the latest literature corresponding to all scientific disciplines and fields of study pursued at the university,
- access to electronic sources of information - full-text scientific databases (e-books, e-journals) and bibliographic-abstract databases, as well as tools necessary for teaching and scientific processes, access to an up-to-date, complete collection of Polish standards in electronic version,
- self-service loans (selfcheck),
- self-service returns (drop-in),
- self-collection of orders (book machine)
- multimedia rooms,
- training rooms,
- free study space (open space),
- professional library service.

At the same time, Gdańsk Tech library preserves the traditions of the oldest technical university in Northern Poland. The most valuable part of the library collection is the book collection, which is a legacy of the Research Society in Gdansk. This book collection, as well as other valuable historical collections, is undergoing successive conservation and digitization. The digitized collections are made available without any restrictions in the Pomeranian Digital Library.

Details about the resources and use of Gdańsk Tech library:

- [website in Polish](#)
- [website in English](#)

Gdańsk Tech has extensive sports facilities within the Gdańsk Tech Academic Sports Center (Polish acronym CSA). Among the sports facilities, one can find the following:

- swimming pool complex (large pool 25 m long, small pool - 12.5 m),
- sports hall (full-size for team sports games),
- judo hall,
- aerobics room,
- gyms (light and heavy),
- rowing room,
- tennis hall,
- soccer field,
- beach volleyball courts,
- 3x3 basketball courts
- tennis court,
- sauna
- recreation area

CSA teaching activities include the following:

- compulsory physical education classes,
- classes with the sections of the Academic Sports Club of Gdańsk Tech,
- optional classes for Gdańsk Tech students,
- courses and training camps.

For more information, visit the [CSA website](#).

Didactic activity is supported by a number of IT systems, including the university multi-module “Moja PG” portal, which provides electronic service for students, doctoral students, employees and other authorized stakeholders of the university. The system is a state-of-the-art IT solution, developed by Gdańsk Tech IT Services Center (Polish acronym: CUI), responding to the diverse needs and conditions at the university. The main elements of the portal, supporting didactic activity and enabling organization of the course of study, are “eDean’s Office”, “eStudent”, “eTeacher” and program of study application modules, as well as “eScience”, containing records of scientific achievements or research infrastructure at Gdansk Tech. Other services implemented by the university portal and provided by CUI are described on the [website](#).

The main tool for managing the structure of study programs is the program of study application. It is used to define and launch study programs and plans with all their elements, including modules, subjects, learning outcomes, and during the course of the education cycle to introduce elective subjects, which are variable elements of open modules created in response to immediate trends in the socio-economic environment.

The “eDean’s Office” module manages, among other things, examination sessions, e.g. by creating electronic credit protocols or registering students and doctoral students for subsequent semesters. It also allows the full diploma process to be conducted, including support for the selection of diploma topics, ensuring automatic communication with the Uniform Anti-Plagiarism System, assigning the album number and depositing work in the National Repository of Written Diploma Theses. As of the academic year 2022/2023, the successful submission of the thesis is considered to be the moment when the thesis is approved by the supervisor, after it has been uploaded to the repository of written theses using the university “Moja PG: system. A document with information about the thesis archiving data in the repository is attached to the student's file.

The “eStudent” module displays individual class schedules, information about class groups, grades issued, and scholarships assigned and paid. It is also the main point of contact with the staff of the dean's office or the doctoral school office. Using the system, students and doctoral students can submit electronic applications, such as for scholarships, student or doctoral cards and certificates. In addition, in this module, students can evaluate subjects and lecturers using university surveys. The system additionally allows students to handle their finances, showing in real time the balance on individual student accounts, into which all payments related to, for example, the repetition of subjects or the issuance of ID cards are made. Students are kept informed of their account balances, and can pay any arrears using a quick payment mechanism.

In addition, “Moja PG” portal allows quick communication with students and doctoral students thanks to notifications sent both through system messages, e-mails and SMS. In this way, information is delivered to students and doctoral students, for example, about the receipt of ordered certificates or forms, and about the scheduled date of the diploma exam. This significantly improves student and doctoral student affairs.

The “eDziekanat” module also allows to export data to the POL-on system, which allows for efficient reporting obligations. In addition, the system implements a number of dedicated statements and the possibility of advanced search for students and doctoral students.

“Moja PG” portal runs on a private cloud computing system, which ensures continuity of operation in an automated manner. It also allows rapid response to load increases (e.g., during exam sessions). The cloud is regularly audited for security. In addition, data is backed up daily to avoid data loss in the event of a possible failure.

Education at Gdańsk Tech is also possible through the university “[eNauczanie](#)” teaching platform, which is integrated with the webinar system and has a dedicated mobile application. It supports remote teaching in a comprehensive manner - from sharing teaching materials or conducting virtual laboratories, through synchronous communication, to remote verification of acquired knowledge.

With students in mind, CUI offers and continues to develop the “mPG” mobile application. The application provides access to basic and personalized information about the university, such as course schedules and grades, information from the dean's office, address book, and location on campus.

There is free access to the [Eduroam](#) (Educational Roaming) wireless network on the premises of Gdańsk University of Technology, which is administered locally by CUI.

The connection between computers, servers and other end devices in the field of electronic mail, data transmission and sharing, remote data processing, etc. for the benefit of the academic community and for the needs of the administration, is provided by the university computer network of Gdańsk University of Technology (Polish acronym: USK). It is connected to the [Tri-City Academic Computer Network](#) (Polish acronym: TASK), administered by the [TASK Computer Center](#). For teaching and research purposes, Gdańsk Tech uses not only TASK network services, but also data collection and processing, including a digital library and thesis repository, as well as high-power computing.

Monitoring of teaching and laboratory facilities and supporting infrastructure is carried out at each faculty in accordance with the University System for the Assurance and Improvement of Education Quality at Gdańsk Tech.

5. Scientific research

5.1. Connecting research to education offer

Currently, research conducted at Gdańsk Tech is centered around 14 scientific disciplines. The division was a consequence of changes in higher education introduced by a new law in 2018, and additionally, funds received by Gdańsk Tech at the end of 2019 in the Excellence Initiative - Research University (IDUB) program of the Ministry of Science and Higher Education. Gdańsk Tech ranked 2nd among the 20 universities that participated in this program and was recognized as the best technical university in Poland. The status of the research university provided Gdańsk Tech with additional funding for the development of research areas within the newly established research centers:

- BioTechMed Center,
- EcoTech Center,
- Advanced Materials Center,
- Digital Technologies Center.

Gdańsk Tech is going to place an even greater emphasis on scientific development during the seven-year edition of this program, and to implement innovative, cutting-edge solutions in the fields of health, safety, digital technologies, climate protection, energy extraction and conversion, mobility, food and rational use of natural resources.

Grant programs already announced in 2020 under the IDUB initiative are aimed at students, doctoral students and employees of Gdańsk University of Technology, as well as researchers from outside the university whose research can contribute to the development of the university. They provide support i.a. for scientists in obtaining prestigious international grants, enable funding of publication activities and financing of the costs of ongoing research, as well as development of young scientists in areas consistent with the activities of the above-mentioned Gdańsk Tech Priority Research Area Centers.

Additionally, as part of the IDUB initiative, in addition to the grant programs, a pair of subjects have been modified to focus on research and project management, and a number of classes requiring research problem solving will be increased.

A grant program called [Radium Learning Trough Research Programs](#) has been established, introducing funding for research projects for students of individual study programs.

The infrastructure program supporting IDUB GDAŃSK TECH CORE EDU FACILITIES programs has also been introduced, allowing to receive financial support for the modernization of the Gdańsk University of Technology's teaching infrastructure for modern education of first and second degree students, especially in priority research areas (Polish acronym POB).

IDUB program added the following offers aimed at students and doctoral students:

- for students in the first year and higher - the opportunity to receive Actinium and Radon scholarships for students who obtain the best academic results and engage in research activities
- for ISB students - the opportunity to receive funding for research under the Radium program
- for doctoral students (Polish and international) - the opportunity to receive Polonium and Francium scholarships
- Students and doctoral students can also be contractors in other IDUB projects

Science and education are both aggregated around disciplines and scientific fields. For each degree program, the percentage of disciplines in which learning outcomes can be obtained in a given field, is indicated. The shape of the study offer is influenced by the direction of research carried out at Gdańsk

Tech and the results of scientific and research work, which are translated into new curricular content, while the equipment acquired during the research, enriches the didactic qualities of the laboratory stations.

Open access of students and doctoral students to direct participation in research teams' projects is crucial to linking faculty research with established learning outcomes. Students and doctoral students can carry out a variety of tasks in these projects, according to their competencies and level of study, ranging from design and implementation work at bachelor's degree studies to research and measurement work at master's degree studies, to research and conceptual work at doctoral school (usually strongly related to the topics of the dissertations/dissertation projects in progress). Moreover, as part of additional resources for the research university, there are programs prepared for students to support their scientific activity. Students can receive funds for research projects, support for scientific clubs or individual scholarships for the most active ones.

5.2. Doctoral and undergraduate participation in ongoing research

Research is the most important component of doctoral students education. The basic form of participation of doctoral students in the conducted scientific research are research projects, research and development projects, as well as research and implementation projects, carried out by scientific supervisors, scientific teams or external research teams. The scope of scientific research conducted within the framework of the aforementioned projects is in line with the topics of doctoral dissertations.

An important form of using the results of scientific research conducted at the faculties in the educational process is the implementation of diploma theses at the bachelor's degree and master's degree studies programs in topics submitted by external stakeholders (research and service works commissioned by entrepreneurs), as well as internal stakeholders (scientific research projects of NCN, NCBiR and others conducted at the faculties).

The university provides full freedom and support for the creative scientific work of students, including doctoral students, who have the right to participate in scientific circles operating within the university. More information can be found on the website.

The result of the participation of students and doctoral students in scientific research is the authorship or co-authorship of publications and patents with Gdańsk University of Technology affiliation, supported by an incentive system in the form of various scholarships, in the awarding of which measurable results of scientific work are decisive.

6. Students, doctoral students and employee mobility

6.1. Internationalization of the education process

Gdańsk Tech is making numerous efforts to internationalize the education process. Internationalization is an integral part of the development strategy of Gdańsk University of Technology for 2020-2030: "the development of internationalization as a lever for the development of a European identity that respects national cultures and their heritage" is listed among the key academic instrumental values and one of the efforts in the field of education, is to transform Gdańsk Tech campus into a place of intensive international exchange of knowledge, experience, traditions and cultural heritage and to build an environment that inspires diversity

Internationalization is implemented with regard to the entire university, both centrally and in the faculties and units of the university administration. The vice-rector for internationalization and innovation is responsible for the implementation of internationalization tasks. The advisory body of the university authorities is the established rector's commission for internationalization, while the central unit performing the tasks related to internationalization is the International Relations Office (Polish acronym:

DWM). At the faculties, the relevant deans or deans' representatives are responsible for developing internationalization.

DWM's activities are directed at, among other things, international cooperation and promotion, international educational programs (Erasmus+, Education Program, Operational Program Knowledge Education Development) and the recruitment, and support of foreign students, supervision of scholarships and the framework agreement with the National Agency for Academic Exchange, of IDUB programs in the field of international travel and arrival of scientists from abroad to the faculties, and organization of events of an international nature.

The International Relations Office includes the Welcome Office, a place dedicated to all visitors, staff, students and doctoral students from abroad. The Welcome Office not only assists the incoming scientists and students, but also provides assistance to their families on various issues of their stay in Poland.

International students are also supported by student organizations, primarily the well-established Erasmus Student Network, (acronym: ESN).

Other units involved in the internationalization process include the Scientific Affairs Office and the doctoral school at Gdańsk Tech, involved in increasing the number of foreign professors and doctoral students, with the support of the faculties. Also, the library contributes dynamically to the internationalization of the university by adapting the library collection to the needs of foreign users, with Library Welcome Center services, conducting information literacy workshops for foreigners (Library Information Literacy Workshops), developing cooperation with foreign organizations and participating in the ERASMUS+ Program. These efforts are coordinated by the team for international academic cooperation at the library of Gdańsk University of Technology.

An important element in the internationalization of the education process is provision of studies in English. The offer of higher education in English is being systematically expanded. In the academic year 2021/2022, the following courses in English were introduced:

No.	Faculty	Field of study	bachelor's degree studies		master's degree studies	
			full time study	part time study	full time study	full time study
1.	WA	Architecture	x		x	
2.	WA	Spatial Development			x	
3.	WCh	Green Technologies and Monitoring	x		x	
4.	WETI	Automatic Control, Cybernetics and Robotics			x	
5.	WETI	Electronics and Telecommunications			x	
6.	WETI	Informatics			x	
7.	WFTiM	Nanotechnology			x	
8.	WLiŚ	Civil Engineering			x	
9.	WLiŚ	Environmental Engineering			x	
10.	WM	Mechanical Engineering	x		x	
11.	WZiE	Economic analytics			x	
12.	WZiE	Management	x		x	
13.	inter-faculty	Power Engineering	x			
14.	inter-faculty	Data Engineering	x			

English is the language of instruction at the doctoral school at Gdańsk Tech. The doctoral school and the industrial doctoral school provide education in 13 disciplines, and from 2023/2024 the offer will be expanded to include the 14th discipline. The framework schedule for the implementation of the courses covered by the educational modules in the doctoral school can be found in the educational program of the doctoral school and the industrial school for a given academic year, while the detailed schedule is published in the academic calendar.

Postgraduate and MBA courses are offered by the Faculty of Management and Economics entirely in English and in two languages, Polish and English.

Both Polish and international students study at Gdańsk Tech in English. At Gdańsk University of Technology, the number of students studying at the university as of January 2023 is 1012, and these students are both incoming for a full course of study and for one or two semesters.

In order to make the university teaching offer more accessible and attractive to international students, Gdańsk Tech authorities have allocated funds for academic scholarships for international students since the academic year 2018/2019. Dozens of students have benefited from the program. Gdańsk Tech plans to continue the program in subsequent academic years. International students can also benefit from other scholarships that are available to Polish citizens.

Part of the university international promotion and confirmation of the high quality of education is the acquisition of international accreditation and quality certificates. In 2018, Gdańsk Tech successfully completed the procedures for international institutional evaluation by the European University Association (EUA) and on 10.09.2018 was granted the right to use the prestigious EUA-IEP (European University Association - Institutional Evaluation Programme) distinction. The university will be able to use the EUA-IEP logo for 5 years. The accreditation renewal process is currently underway.

Information on international accreditations held is published on the [website](#).

The DWM is also implementing the Excellence Initiative - Research University program in the scope of effort V.3. Professionalization of administration, including organizational improvements in administration. The unit has hired an English translator, who is responsible for translating, legal acts, regulations, and promotional materials and reports for rankings, compilations, etc.

Within the framework of the projects, DWM conducts training in intercultural communication, which is dedicated to administrative staff, academics, as well as doctoral candidates and students. The purpose of the training is to build an organizational culture conducive to utilizing the individual potential of employees and to improve the intercultural competence of Gdańsk University of Technology employees.

6.2. Multiple qualification and exchange agreements

Gdańsk University of Technology offers the opportunity to pursue studies leading to a multiple qualification, as well as trips to foreign universities under student exchange agreements.

No.	Gdańsk Tech Faculty/ Unit	Foreign university	Type of agreement	
			multiple qualification programs	Student/doctoral exchanges
1.	WCh	University of Shanghai for Science and Technology, China		Framework agreement and one-semester student exchange program
2.	WCh	North China University of Science and Technology	Framework agreement, multiple qualification program, green technologies	

No.	Gdańsk Tech Faculty/ Unit	Foreign university	Type of agreement	
			multiple qualification programs	Student/doctoral exchanges
3.	WCh	Yancheng Institute of Technology, China	Framework agreement, multiple qualification program, green technologies	
4.	WCh	University of Algarve, Faro, Portugal; University of Cadiz, Kadyks, Spain; University of Barcelona, Spain; University of Bergen, Norway	EMQAL (European Master in Quality in Analytical Laboratories) – second-cycle studies, double degree studies, (double diploma, Gdańsk Tech issues a diploma with the partner university, where the student completed the studies)	
5.	WEiA	North China University of Science and Technology, China	Multiple qualification program for engineering studies, major field: Energy Technologies	
6.	WEiA	Dezhou University, China	Multiple qualification program for engineering studies, field: Energy Technologies	
7.	WETI	Karlsruhe Institute of Technology, Germany		Exchange program for students at bachelor's degree studies, major: electronics and telecommunications
8.	WETI	Purdue university, USA		University exchange agreement for students at bachelor's degree and master's degree studies, all fields of study
9.	WFTiMS	University of L'Aquila, Italy	Interdisciplinary double degree studies within mathematical engineering and nanotechnology (title of Master of Mathematical Engineering granted by UAQ and Master of Nanotechnology granted by Gdańsk Tech)	
10.	WFTiMS	University of L'Aquila, Italy	Double degree master's degree studies in physics (Master of Physics)	
11.	WFTiMS	University of L'Aquila, Italy	Interdisciplinary double degree master's degree studies in physics and nanotechnology (title of Master of Physics granted by UAQ and Master of Nanotechnology granted by Gdańsk Tech)	
12.	WFTiMS	University of Camerino, Italy	Double degree master's degree studies in physics (Master of Physics)	
13.	WFTiMS	Immanuel Kant Baltic Federal University, Kaliningrad, Russia	Interdisciplinary double degree master's degree studies in physics and nanotechnology (title of Master of Physics granted by IKBFU and Master of Nanotechnology granted by Gdańsk Tech)	

No.	Gdańsk Tech Faculty/ Unit	Foreign university	Type of agreement	
			multiple qualification programs	Student/doctoral exchanges
14.	WFTiMS	Institut National des Sciences Appliquees Lyon (INSA Lyon), France	An agreement enabling the exchange of students at any level of study and obtaining a double degree in physics	
15.	WILiŚ	University of Palermo, Italy	Multiple qualification program for master students: Civil Engineering, Environmental Engineering	
16.	WIMiO	Dezhou University, China	Multiple qualification program for engineering students, Mechanical Engineering	
17.	WIMiO	Bremen City University of Applied Sciences, Germany	Interdisciplinary double degree master's degree studies in Space and Satellite Technologies, specialty: Engineering and Management of Space Systems (EMSS) (title of: Master of Aerospace Technologies, or Computer Science, or Electronics Engineering Bremen and Master of Science in Engineering in Space and Satellite Technologies Gdańsk Tech)	
18.	WZiE	Universita Politecnica delle Marche, Italy	Multiple qualification program for students of master's degree studies,: International Management,	
19.	WZiE	Universita Politecnica delle Marche, Italy	Multiple qualification program for students of master's degree studies,: Economic Analytics (Global Studies)	
20.	WZiE	Universita degli Studi di Firenze, Italy	Multiple qualification program for students of master's degree studies,,: Economic Analytics (Global Studies)	
21.	WZiE	Alfred Nobel University, Ukraine	Multiple qualification program for students of bachelor's degree studies: Bachelor in Management	
22.	WZiE	La Rochelle Business school, France	Multiple qualification program for students of master's degree studies,: International Management	
23.	WZiE	Yancheng Institute of Technology, China	Multiple qualification program for students of bachelor's degree studies studies: Bachelor in Management	

No.	Gdańsk Tech Faculty/ Unit	Foreign university	Type of agreement	
			multiple qualification programs	Student/doctoral exchanges
24.	doctoral school	University of Palermo, Italy	Double degree program for doctoral students: Environmental and Materials Engineering, i.e. disciplines: civil engineering and transport, and materials engineering	University exchange agreement for doctoral students of the doctoral school in the area of: Environmental and Materials Engineering, i.e. civil engineering and transport, and materials engineering

6.3. International programs and mobility

International mobility of Gdańsk Tech students and employees for research, teaching and training purposes is carried out on the basis of signed agreements with other universities. The process of concluding these agreements is coordinated by DWM. The main types of agreements concluded are framework agreements (the so-called Memorandum of Understanding), bilateral agreements within the framework of educational projects and double degree agreements. The largest number of agreements are bilateral cooperation agreements within the framework of educational programs, and among them the Erasmus+ (KA131 and KA171) and Erasmus-Mundus agreements dominate.

Gdańsk Tech ran two projects under the Erasmus+ program in 2022: mobility with program countries (KA131) and mobility with partner countries (KA171). As a result, in the academic year 2021/2022, the mobility of students and employees included not only EU countries, but also other countries selected for Gdańsk Tech's teaching cooperation: Albania, Egypt, Georgia, Hong Kong, Israel, Japan, Kazakhstan, Canada, Colombia, Republic of Korea, South Africa, Russia, Serbia, Tunisia, Ukraine, USA and Uzbekistan. In the academic year 2020/2021, cooperation has been expanded to include China. The Erasmus+ program is used annually by more than 300 students going abroad for studies and internships and about 400 international students coming to Gdańsk Tech.

The number of active international agreements concluded by Gdańsk Tech at the end of 2021 was 884.

Information about Erasmus+ study tour opportunities is published on the official website of DWM, on the websites of individual faculties, on the ESN website and on bulletin boards.

Other programs in which the university participates are as follows:

- Erasmus Mundus, which aims to: promote high-quality study programs that are an attractive offer both within and outside the European Union; encourage highly qualified graduates and academics from all over the world to obtain qualifications in the European Union and to transfer their own experiences; establish more structured cooperation between universities in the European Union and third countries and increase the number of outgoing students and lecturers from the European Union in European study programs; increase the accessibility of higher education in the European Union.
- CEEPUS (Central European Exchange Program for University Studies) is an academic exchange program for the education and in-service training of students and university teachers.
- Education - mobility in higher education program, whose main objective is to reduce economic and social disparities within the European Economic Area and to strengthen bilateral relations between Poland and the donor countries (Iceland, Liechtenstein, Norway) in the field of education. Program activities are aimed at strengthening human potential and expanding knowledge in Poland.
- Solidarity with Ukraine - a project dedicated to candidates from Ukraine who came to Poland during the war conflict and took up education at Gdańsk Tech. As part of these efforts, the university provided them with an intensive Polish language course, classes in physics and mathematics, classes in Polish culture and physical education.

In addition, doctoral students in doctoral studies and doctoral schools can participate in projects to support foreign mobility:

- The PROM (NAWA) program "International scholarship exchange of doctoral students and academic staff" - supporting, among other things, trips of doctoral students to foreign scientific conferences, participation of doctoral students from Gdańsk Tech and foreign universities in specialized summer and winter scientific schools at Gdańsk Tech, monthly stays of Gdańsk Tech doctoral students in renowned scientific and research and academic centers abroad, enabling the use of unique equipment not available in the country,
- Excellence Initiative - Research University (IDUB) Program through the Nitrogenium Supporting Excellence in Publishing - IDUB 2020 Publication Bonus scholarship program, aimed at raising the quality level of the university scientific activity by stimulating the publication of research results of doctoral students of Gdańsk University of Technology, hereinafter referred to as the university, in the world's best scientific journals;

In addition, doctoral students of the doctoral school at Gdańsk Tech can participate in projects supporting internationalization:

- STER Program - Internationalization of doctoral schools (NAWA) - the project "STE(E)R-ING towards international doctoral school" / "STERing towards internationalization of doctoral school" (acronym: Gdańsk Tech Beyond Borders) - supporting, among other things, international promotion of the doctoral school, trips of doctoral students for foreign internships, organization of meetings, information and promotion activities and supervisor's trips, scholarships for doctoral students pursuing international cooperation, preparation of joint grant applications and educational programs in the doctoral school with foreign partners and rules of cooperation with these institutions;
- Excellence Initiative - Research University (IDUB) program through 2 scholarship programs:
- Program Francium Supporting Outstanding Doctoral Candidates, aimed at stimulating the research activity of doctoral students of the doctoral school at Gdańsk University of Technology, and in particular directing this activity towards cooperation with foreign entities - within the framework of the program, quality-focused scholarships are awarded to outstanding participants of the doctoral school, in particular to doctoral students conducting research in international cooperation;
- Polonium International Doctoral Fellowships program, aimed at increasing the university's effectiveness in attracting the most talented candidates from outside Poland to study at the doctoral school at Gdańsk University of Technology.

Mobility programs for IDUB employees:

- **EUROPIUM SHORT-TERM OUTGOING VISITS**
Funding for short-term stays of young Gdańsk Tech researchers in leading foreign research centers. The purpose of the trips should also be to establish research cooperation between the research group that includes the outgoing person and the foreign group.
- **AMERICIUM INTERNATIONAL CAREER DEVELOPMENT**
The program funds long-term internships for Gdańsk Tech employees at scientific centers of high international reputation. One of the priority goals is to establish long-term research collaborations.

Gdańsk Tech is also implementing the following projects:

- "Welcome to Poland" NAWA, the main objective of which is to build stronger relations between members of the academic community and integrate the efforts of employees of various Gdańsk Tech units to improve the quality of service to students and staff from abroad. Within the

framework of the project, training courses for administrative staff are conducted and document translations into English prepared.

- "Foreign Promotion" NAWA, which is dedicated to the preparation of graphic and film designs for international promotion purposes.

The International Relation Office website also provides information on the offer of international scholarships aimed at students, doctoral students and employees.

Another important undertaking is Gdańsk University of Technology joining the CDIO (Conceive - Design - Implement - Operate) consortium in 2011. This is an initiative promoting an integrated system of engineering education, combining different areas of knowledge, including social sciences and management, and emphasizing the formation of the right attitudes, equivalent to the acquisition of professional skills necessary for work.

6.4. National mobility of students

6.4.1. MOSTECH student mobility program

Gdańsk University of Technology has implemented the MOSTECH student mobility program since the academic year 2010/2011. The system is aimed at students of Polish technical universities of the fifth and sixth semesters of first-cycle studies, and students of the first, second and third semesters (if it is not their last semester) of second-cycle studies or participants of third-cycle studies, after the first year of study. Its idea is to implement the assumptions of the Bologna Process, raise the quality of education and facilitate national exchanges of students and doctoral students.

Formal and organizational matters of the system are coordinated by the Office of the Accreditation Commission of Universities of Technology (Polish acronym: KAUT). The university notifies KAUT Office of the number of places offered for each field of study for each academic year, as well as the list of candidates for the winter and summer semesters, respectively.

Detailed information on study under the MOSTECH program is available at [website](#).

6.4.2. Inter-university national studies

Gdańsk Tech offers unique interuniversity studies in 3 fields of study.

No.	Field/discipline of study	Study level and mode	Faculty	Co-lead universities
1.	Chemistry in Construction Engineering	bachelor's degree studies, full-time	• WCh	1. Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, 2. Politechnika Łódzka
2.	Medical and Mechanical Engineering	bachelor's degree or master's degree studies, full-time	• WIMiO	3. Gdański Uniwersytet Medyczny
3.	Space and Satellite Technologies	master's degree studies, full-time	• WETI, • WIMiO	• Uniwersytet Gdański, • Uniwersytet Morski w Gdyni, • Akademia Marynarki Wojennej

Moreover, the training program at the doctoral school at Gdańsk University of Technology is conducted in cooperation with two institutes of the Polish Academy of Sciences in Gdańsk that co-found the school - the Institute of Fluid-Flow Machinery and the Institute of Hydro-Engineering, in the disciplines of mechanical engineering and civil and transport engineering.



ACADEMIC QUALITY BOOK

Date of release:
June 10, 2013

**Date of approval of
the last version:**
February 9, 2023

Version no: 8

Page 44/54

The terms of these programs are provided for in agreements between the universities.

7. Academic, teaching and material support

7.1. Research and teaching support

Students and doctoral students can receive assistance in the educational process in the following forms:

1. scientific and didactic care,
2. access to the university library,
3. material assistance,
4. support for people with disabilities,
5. assistance in conflict resolution,
6. psychological assistance.

Substantive support and supervision of the university's activities, related organization of education and supervision of the teaching process, coordination of the university's activities related to cooperation with external entities in the field of teaching. Development of internationalization of the education area is primarily within the scope of the vice-rector for education. Supervision of, among other things, student activities, monitoring the fate of graduates, career counseling and job placement for students and graduates, supervision of compliance with the rules and regulations of the university, as well as social affairs and health care of students and doctoral students, and the affairs of students with disabilities are within the scope of the vice-rector for student affairs.

On the other hand, supervision of individual units in the field of scientific policy and organization of scientific research, as well as education of doctoral students is provided by the vice-rector for science. At the faculty level, scientific and teaching support is provided by the relevant vice-deans. Substantive supervision of education in a given discipline or field in doctoral studies and in the doctoral school is provided by the discipline council or field council at the university, and the director of the doctoral school supervises the implementation of individual research plans for all doctoral students at the school. At the beginning of their research careers, doctoral students are supported by research supervisors, supervisors and possibly assistant supervisors.

7.2. Material support

Students and doctoral students in doctoral studies (until 31.12.2023) can apply for material aid in accordance with the Benefit Rules for the Students of Gdańsk University of Technology according to the guidelines [on the website](#).

Material assistance is provided in the form of a social scholarship, a financial aid grant, a rector's scholarship and a scholarship for persons with disabilities.

Detailed information necessary for applying for material aid is available [on the website](#).

Applications are submitted through the "MojaPG" system in the Student section, according to the instructions [on the website](#).

7.3. Support for persons with disabilities

People affected by any form of disability are rightful participants in the academic community. In order to eliminate all architectural barriers and to ensure accessibility for people with special needs, the university has implemented a number of mechanisms to meet their concerns. Support for people with disabilities is coordinated at the university level by the rector's representative for people with special needs. A dedicated [website](#) has been created to provide access to information on the support provided.

On the basis of provisions of relevant regulations, a student or doctoral student who is a person with a disability has the right to apply to the dean or director of the doctoral school for individual care and organization of studies by adapting the study plan, conditions and mode of classes, organization of

professional practice, and credit deadlines to the needs arising from the disability. It is also possible to use distance learning techniques.

Doctoral school students with disabilities in accordance with the Act receive a doctoral scholarship in an amount increased by 30 percent over the basic amount of the doctoral scholarship.

Gdańsk Tech has introduced architectural accessibility standards. The university's infrastructure, space, and buildings, including dormitories, are adapted and equipped for use by people with mobility disabilities (wheelchair ramps, large elevators, toilets, additional equipment of lecture halls with special tables), as well as hearing (installation of audio induction loops). In 2021, in order to improve the accessibility of Gdańsk University of Technology's buildings, 50 evacuation chairs were purchased to provide an alternative form of evacuation for people with disabilities, as well as 30 stalls and 10 large-area audio induction loops to improve the quality of services for people with disabilities (especially persons with hearing impairment). In 2022, the university's infrastructure was supplemented with another 50 evacuation chairs, 3 powered evacuation chairs and 30 evacuation mattresses. Additionally, the areas where students are served were equipped with stationary audio induction loops (70 loops), while students with hearing disabilities will have the opportunity to rent one of the 30 FM systems available at the university. Support for visually impaired students has been expanded to accommodate the special needs of another 20 computer units by providing magnification software and magnified keyboards (available in libraries and the recruitment center).

As part of the project "Center for Advanced Studies - development of interdisciplinary doctoral studies at Gdańsk University of Technology in key areas of the Europe 2020 Strategy", completed several years ago (Advanced PhD), the university bought i.a. computer sets for the needs of people with disabilities (especially the persons with visual impairment) and distributed among all 9 faculties, while 1 stood in a publicly accessible place in the main library.

An initiative called "Center for Universal Design" has been established at the Faculty of Architecture to promote the principles of universal design in all areas of the economy and implement Accessibility Standards in Polish cities. At the end of 2019, Gdańsk Tech embarked on a project called "Accessible University of Technology."

7.4. Conflict resolution and psychological support

Situations of conflict at bachelor's and master's degree studies, doctoral/doctoral school and postgraduate studies may occur as a result of various events, causes and not all can be predicted. The system for resolving conflict situations and handling complaints of students, doctoral students and postgraduate students is described in detail in the university procedure No. 7, published on the website.

In certain conflict situations with respect to students, doctoral students and postgraduate students, the parties to the conflict may seek legal advice from the Legal Counsel Office or psychologist and psychotherapist at the [Psychological Assistance Center](#), as well as 24-hour psychological and psychiatric assistance offered at University Clinical Center (Polish acronym: UCK) Adult Psychiatry Clinic and the Clinical Emergency Department. You can also contact the representative for academic rights and values, whose tasks include, in particular: mediating and resolving disputes between members of the university community, and the rector's representative for equal treatment.

According to the Regulations of the Gdańsk Tech student government, the ombudsperson for the rights of student is the competent body of the local government for the protection of student rights. Student Rights Ombudsman's tasks include, in particular:

1. assisting students in asserting their rights;
2. intervening with faculty and university authorities in cases of violation of student rights;
3. informing and making students aware of their rights and duties, including by conducting training on student rights and duties for newly admitted undergraduate students.
4. the ombudsperson shall perform their tasks in cooperation with the Commission for Didactics and Education Quality.

7.5. Psychologist and psychotherapist assistance

The university provides free psychologist and psychotherapist assistance to Gdańsk Tech students, doctoral students and employees as part of the activities of the [Psychological Assistance Center](#). The counseling center is also open for Gdańsk Tech students during the summer vacation period.

There is also the possibility of 24-hour psychological and psychiatric assistance at the University Clinical Center (Polish acronym: UCK) Adult Psychiatry Clinic and the UCK Clinical Emergency Department.

In crisis situations, in problems with addiction, you can contact the inter-university psychological counselling.

8. Student and doctoral organizations

8.1. Student government of Gdańsk University of Technology

The Student Government of Gdańsk University of Technology (Polish acronym SSPG) is formed by all Gdańsk Tech students. The Student Government operates on the basis of the Act, the statute and the rules of SSPG, defining the principles of organization and the tasks of the government, including the types of collegial and single-person bodies, the manner of their election and competencies, as well as the appointment of representatives to the bodies of the university.

SSPG is the exclusive representative of the university students as a whole, and works through its bodies, including the president and the legislative body. The tasks of the bodies of the student government are described in detail in the rules of SSPG. The highest resolution body of Gdańsk Tech student government, representing all students of the university, is Gdańsk Tech student parliament, and between its meetings the university council. At the faculty level, the legislative bodies are the faculty student councils. Representatives of the student government participate in the work of senate, rector's and dean's committees.

The government conducts student affairs, including social and cultural affairs, at the university, and the university provides the conditions necessary for the functioning of the student government and student activities, including the infrastructure and financial resources available to the government for its activities.

More information is available on the [website](#).

8.2. Doctoral Student Government of Gdańsk University of Technology

Doctoral students of Gdańsk University of Technology form Gdańsk Tech doctoral student government (Polish acronym SDPG). It works on the basis of the Act, the statute of Gdańsk Tech and the rules of SDPG. The provisions of the student government apply to the doctoral student government accordingly, and the tasks of the SDPG are similar to those carried out by the SSPG.

The government, acting through its bodies, is the exclusive representative of all doctoral students of the university. The organs of the government are: the university council of doctoral students, the president and the audit and election committee. Representatives of the SDPG are part of the councils of organizational units and the Gdańsk Tech senate. Representatives of the doctoral student government may participate in the work of the senate, rector's and dean's committees, as well as with an advisory vote in the councils of scientific fields and disciplines.

In addition, the doctoral student government represents Gdańsk University of Technology in the arena of national doctoral organizations, such as the Polish Association of Doctoral Candidates and the Agreement of Doctoral Students of Universities of Technology, engaging in work in their structures and actively participating in the deliberations during the conventions of these organizations.

More information is available at [website](#).

8.3. Student organizations

Students and doctoral students of the university have the right to associate in university student and doctoral student organizations, in particular, in scientific clubs and artistic and sports teams, according to the rules set forth in the statute and the Act.

Its governing body shall immediately inform the rector about the establishment of a university student organization. The rules for the operation of organizations at Gdańsk Tech are defined in the rules for registration and operation of university organizations of Gdańsk University of Technology. Any matters related to the activity of university student organizations are conducted by the Student Affairs Office.

An organization may have a supervisor, and in the case of scientific clubs, the appointment of a supervisor is mandatory. The supervisor exercises direct supervision over the substantive and financial activities of the organization. Other scientific and teaching staff provide support to students and doctoral students in the form of consultations.

Supporting the activities of scientific clubs consists, in particular, of organizational and financial support, as well as providing scientific consultation, etc. Organizations have the right to organize conferences, scientific meetings, events, discussion panels on the premises of the university, to use the premises of the university and equipment on their premises. For substantive activities, organizations may receive funding from funds allocated for student or doctoral student activities, respectively, and may also obtain funds from sponsors and external donors.

A full list of scientific clubs and student organizations is available on the website.

Scientific clubs, student organizations operating at Gdańsk Tech can apply for funding from the SSPG budget. Applications are submitted through the Electronic Funding System in the eSSPG system, and the rules for applying are described on the website.

9. External stakeholders

9.1. University Council

For six years, since 2012, the participation of external stakeholders in the implementation of the university strategy, in the changing economic environment, was based on a strong advisory voice of the Economic Convention, which brings together 30 professionals representing various industries and offices. Due to higher education reform, the Convention ended its activities in September 2018. The law introduced other solutions for the operation of advisory bodies supporting the university. The following were established: university council and councils of scientific fields and disciplines.

On March 13, 2019, Gdańsk Tech senate elected the first Gdańsk Tech university council. The current term of Gdańsk Tech university council runs from January 1, 2021 to December 31, 2024. It consists of 1 person from the university community, 5 from outside the university, and the chairman of SSPG.

According to the Act, the tasks of the university council include, among others, giving opinions on the drafts of the university strategy and the statute, monitoring the financial management and management of the university, indicating candidates for the position of rector, after the senate's opinion giving opinions on the report on implementation of the university strategy. In the university council meetings, on the following subjects are consulted: the directions of university development in response to the needs of the socioeconomic environment, establishing contacts with external entities, current and prospective development needs of the university. More information on the activities of the university Council is available on the website.

9.2. Other university bodies involving external stakeholders

The university committee for assurance of education quality is another example of bodies involving external stakeholders, including its counterparts in the faculties - faculty committee for assurance of education quality. The committee always includes a representative of the business environment with an

equal voice, whose suggestions are an important advisory element in improving the education quality system at the university and at the faculties. In addition, there are also advisory boards at the faculties working within the area of study programs.

Representatives of the university's external environment are invited to participate in the work and appointed as members of steering committees of strategic projects implemented at Gdańsk Tech, e.g. for the POWER 3.5 project "Integrated Development Program of Gdańsk University of Technology" completed in mid-2022.

Gdańsk Tech employees also belong to numerous business organizations, both domestic and international, such as city offices, chambers, associations, scientific societies, councils, committees, and teams. There are NSZZ Solidarity and Polish Teachers Union at the university.

9.3. Gdańsk University of Technology alumni

Gdańsk Tech maintains long-term relationships with its alumni through cooperation with the university alumni association: Gdańsk University of Technology Alumni Association, Polytechnic Business Club "PKB+" and other organizations and associations.

The Gdańsk Tech Alumni Association has been in working since 1987. Its mission is to create an active, multi-generational community of graduates of the university. The objectives of the association are: to build relationships between graduates and between graduates and the university; to create conditions for fulfilling passions and interests, as well as for the professional development and business contacts of graduates; as well as, together with the university, to take care of the development of entrepreneurship, innovation and increase the market competitiveness of partners and to build the reputation of Gdańsk University of Technology at in the country and abroad. In cooperation with the university and parent faculties, the association organizes alumni reunions and participates in the organization of conferences, lectures and other scientific, cultural and tourist events. More information about the association can be found in newsletters and on the SAPG website.

Since 2001 the Polytechnic Business Club "PKB+" has been working as part of the Gdańsk Tech Alumni Association, promoting the professional activities of its members, supporting entrepreneurship and promoting the principles of the market economy by cultivating the relationship of its members, Gdańsk Tech alumni, with the university. The "PKB+" Club is a place where professional and social ties are formed, it is a forum for the exchange of ideas and views on the economy, a center for the formation of opinions. It supports Gdańsk University of Technology in the implementation of its development programs and in the cultivation of traditions. To this end, it cooperates with social organizations, creates an entrepreneurial lobby, supports its members and provides recommendations. For more information about the GDP+ Polytechnic Business Club, [website](#).

The university conducts monitoring of graduates' careers in order to adapt its educational offerings to the changing needs of the socioeconomic environment. Organizing and conducting the survey is the responsibility of the Careers and Alumni Office.

One of the primary activities of the Careers and Alumni Office is to support students and graduates in entering the labor market and taking up employment consistent with their educational path. Job fairs and meetings with employers, organized by the unit, help students and graduates make the right decisions in choosing a profession or developing their careers. It is also important to help students and graduates obtain the skills directly needed in contact with employers, which is done by career counselors who help to prepare application documents or prepare for a job interview. Students who are thinking of starting their own business can count on extensive support from an entrepreneurship counselor, who conducts workshops and individual consultations on entrepreneurship-related topics. The unit also runs the [CAREER CENTER](#) career platform, operated in Polish and English, dedicated to students and

graduates and employers. This is a modern tool, thanks to which students and graduates have wide access to job, internship and apprenticeship offers from Poland and the rest of Europe.

Career and Alumni Office at Gdańsk Tech has a certificate from the Ministry of Economy and Labor confirming its entry in the register of employment agencies - as a career guidance agency - certificate number 1691. The offer of the [Career and Alumni Office](#) of Gdańsk Tech can be used free of charge by all students and graduates of Gdańsk Tech and by employers.

10. Monitoring of the university System for the Assurance and Improvement of Education Quality, Analysis and Improvement.

10.1. General provisions

The university uses monitoring methods and activities to assess the effectiveness of the System for the Assurance and Improvement of Education Quality (Polish acronym: USZiDJK), as well as to determine the necessary corrective or preventive actions for irregularities.

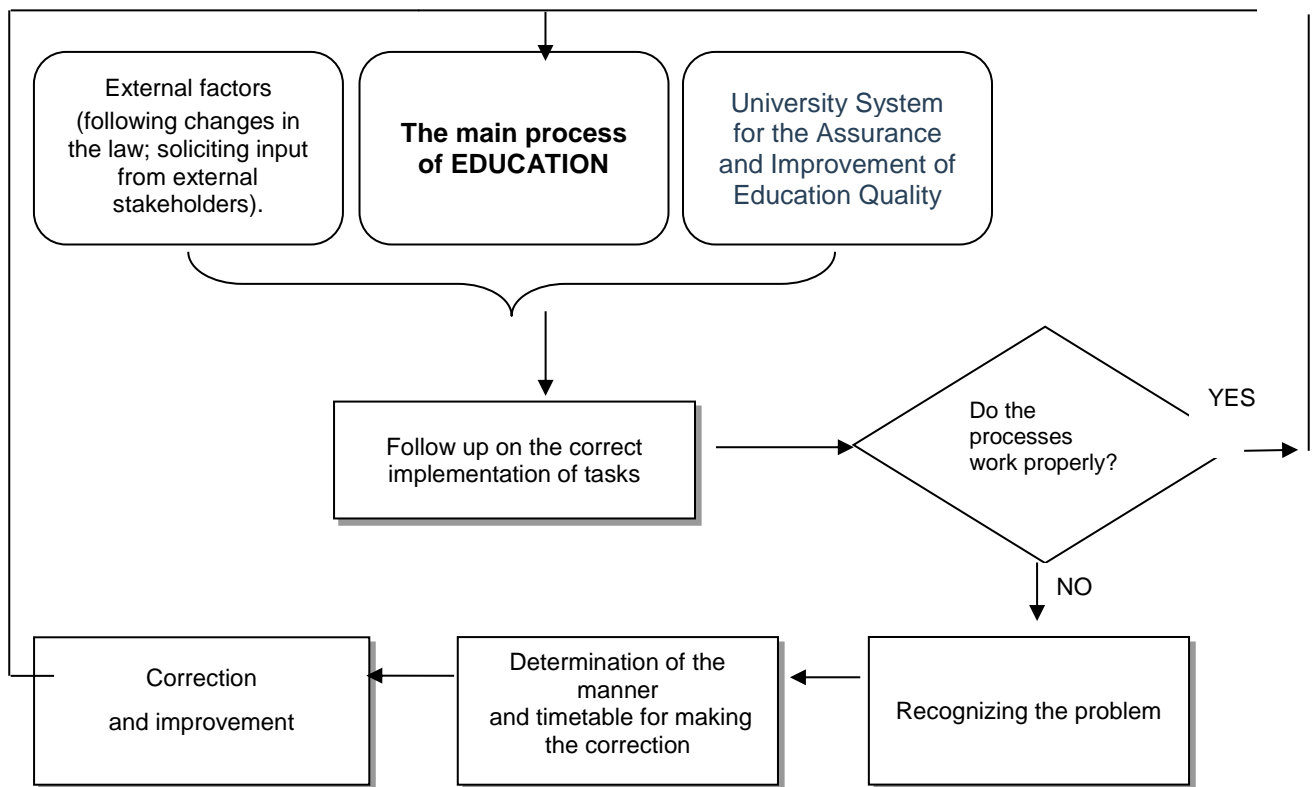
The primary form of improvement of USZiDJK is (Figure 10.1) to systematically monitor, evaluate and improve the implemented education process at all majors and levels of higher education, in terms of realization of the assumed learning outcomes and updating of study programs.

The University Committee for the Assurance of Education Quality (Polish acronym: UKZJK) at Gdańsk Tech is appointed by the rector for the duration of the term of office of the university authorities, and the correctness of the UKZJK activity is supervised by the vice-rector for organization and development.

For the implementation of tasks related to the provision, improvement and evaluation of education quality procedures at faculties and teaching centers:

- the dean appoints the faculty committee for the assurance of education quality (WKZJK) for the term of office,
- the director of a teaching center appoints the committee for the assurance of education quality (KZJK) at the teaching center.

UKZJK at the university level.



Rys. 10.1 Diagram of permanent improvement of the education quality

10.2. Resource monitoring and improvement activities

Gdańsk Tech meets the personnel requirements with regard to education in the given fields of study, in accordance with the ministerial requirements. Within the framework of human resources monitoring, the following indicators are analyzed:

- the number of staff, broken down by position,
- the share of professors and doctors habilitated in teaching,
- the number of foreign teachers in a given field of study.

Monitoring of the university material resources includes evaluation of the conditions of teaching, the equipment and technical condition of the halls for teaching, access to computer workstations, access to library resources, reading rooms and their quality, etc.

Monitoring of the quality of the didactic process is carried out through hospitalizations of classes and surveying students, doctoral students and graduates. The form and mode of conducting these activities are specified in Gdańsk Tech internal acts and the university procedures: no. 4 "Academic teacher evaluation form for students", no. 5 "Survey of subject/module", no. 6 "Survey of doctoral/postgraduate studies" and no. 8 "Hospitalizations".

In addition, procedure No. 2 "Reporting a request for change" allows all participants in the educational process to signal the need for change, as well as improvement of existing procedures and internal legal

acts or other documents of the university, as well as processes directly or indirectly related to the quality of education and the information systems supporting them.

In order to streamline the process of submission and implementation of the requests, the UZKJK has introduced an electronic request form. Information on the implementation of the requests is published annually in the reports of the UZKJK and published on the website.

10.3. Monitoring of the university System for the Assurance and Improvement of Education Quality

The effectiveness of the USZDJK is subject to constant supervision and control by conducting internal audits in accordance with Procedure No. 1 "Monitoring of the university System for the Assurance and Improvement of Education Quality." Monitoring is intended to help faculties and teaching centers

in achieving the goals set by the USZiDJK by forming conclusions and possible recommendations to undertake corrective/corrective/preventive/improvement actions.

The chairperson of UKZJK appoints university Education Quality Assessment Teams (called assessment teams) within UKZJK, to which he/she assigns specific tasks regarding USZiDJK monitoring and sets a deadline for the completion of these tasks. Monitoring of the system is carried out at the university level, faculty level and in teaching centers.

10.4. Annual reports

One of the UKZJK's tasks is to prepare annual summary reports covering the completed academic year. The report describes the undertaken tasks and the effects of UKZJK functioning. UKZJK chairperson presents the report at Gdańsk Tech senate meeting in December or at the beginning of the following year.

WKZJK at faculties, and UKZJK at teaching centers, once a year present, respectively at the faculty council and the center council, a report containing an assessment of the academic year in terms of:

- strengths and weaknesses in education, research conducted, teaching and research base,
- plans and calendar of efforts to eliminate undesirable phenomena.

The content of university, faculty and teaching center reports is public and published on Gdańsk Tech website. Annual reports are prepared to determine quantitative indicators and trends of teaching activities and their effects.

11. University procedures list

The procedures are published on the Quality of Education website.

No	Titles	Version	Date of first issue
1	Procedure 1 - Monitoring the university System for the Assurance and Improvement of Education Quality.	3	23.01.2013 r.
2	Procedure 2 - Reporting a request for a change	7	23.01.2013 r.
3	Procedure 3 - Antiplagiarism verification	9	25.09.2013 r.
4	Procedure 4 - Academic teacher evaluation form for students	4	15.05.2014 r.
5	Procedure 5 - Survey of the subject/module.	2	15.05.2014 r.
6	Procedure 6 - Survey of doctoral/postgraduate studies	2	15.05.2014 r.
7	Procedure 7 - System for resolving conflict situations in higher, doctoral and postgraduate studies	1	23.03.2015 r.
8	Procedure 8 - Hospitalization	4	23.01.2014 r.
9	Procedure 9 - System for assessing mastery of learning outcomes	3	23.01.2014 r.

10	Procedure 10 - Creating and conducting classes using distance learning methods and techniques	8	13.03.2014 r.
11	Procedure 11 - Rules for the student's change of field of study, form of study, faculty or university, and rules for the recognition of educational results achieved by the transferring student	2	12.06.2014 r.
12	Procedure 12 - System of verification of learning outcomes	4	17.10.2014 r.
13	Procedure 13 - University optional subjects of the humanities and social sciences	3	09.07.2015 r.
14	Procedure 14 - Nostrification of study abroad diplomas and confirmation of completion of studies at a certain level	1	12.09.2019 r.
15	Procedure 15 - Making changes to study programs	1	02.11.2022 r.