

University of Gdańsk - *In mari via tua*



The University of Gdańsk is a dynamically developing institution of higher learning, and one that combines respect for tradition with a commitment to the new. We offer a very wide range of academic subjects, and an equally wide range of subjects that lead to professional qualifications in demand on the job market. An increasingly large proportion of students pursue their studies in state-of-the-art facilities on the University's Baltic Campus, which is one of the largest university complexes in northern Poland.

The University of Gdańsk was founded on 20 March 1970. It was formed from an amalgamation of two institutions of higher education: the Higher Economics School in Sopot and the Higher Pedagogical School in Gdańsk. Later, it also included the Higher Teacher Training School. The precursor of the Higher Economics School in Sopot was the Higher School of Maritime Trade in Sopot, which opened in 1945 and awarded its first degrees in 1947.

Currently, the University of Gdańsk is the largest educational institution in the Pomerania region. We have eleven faculties with over thirty thousand students, doctoral students and post-graduates, who are taught by one thousand seven hundred academic staff. In such fields of study as Biology, Biotechnology, Chemistry, Oceanography, Quantum Physics, Pedagogy, Psychology, Law and Economic Sciences, the University of Gdańsk is one of the best institutions in Poland.

Academic staff



The members of the academic staff of the University of Gdańsk conduct scientific and scholarly research on a world-class level, not only creatively expanding the frontiers of knowledge, but also serving the whole of the Pomerania region with their knowledge and experience, thus aiding its dynamic modern development. As an effect of the developing connections between scientific activity and economic practice at the University of Gdańsk, many expert opinions and opinions in the form of studies protected by copyright are being written. Because of the development and the activities of its academic staff, the University of Gdańsk has become an

incubator for entrepreneurship in such areas as Biotechnology, Biology and Chemistry. The University of Gdańsk cooperates with institutions of higher education in most countries in Europe and also with many countries around the world. Research and other activities are conducted within the framework of over one hundred international agreements with foreign partners. A series of University institutes and departments have obtained, or are in the process of obtaining, the prestigious status of centres of excellence, which is the European certificate and stamp of quality. The numerous foreign placements undertaken by the University's academic staff help them to offer students a modern and open education.

University of Gdańsk scholars and scientists are recipients of Polish and international grants and prizes. They have received grants from - among a range of institutions - The National Centre for Research and Development, The National Science Centre, and The Foundation for Polish Science. Two have won the most important scientific prize in Poland, the so-called Polish Nobel Prize, the Foundation for Polish Science Prize, awarded for outstanding scientific achievements and discoveries. This prize was won in 2008 by Professor Ryszard Horodecki and in 2013 by Professor Marek Żukowski for their work in quantum physics.

Researchers from the University of Gdańsk have been laureates of the most important award in the Pomerania region – the City of Gdańsk’s Jan Heweliusz Award for Scholarship – from its very beginning. In Natural Sciences and Pure Sciences the winners have been Professor Dr hab. Maciej Żylicz (1992), Professor Dr. hab. Karol Taylor (1995), Professor Dr hab. Zbigniew Grzonka (1999), Professor Dr hab. Grzegorz Węgrzyn (2003), Professor Dr hab. Marcin Pliński (2007), Professor Dr hab. Ryszard Horodecki (2008) and Professor Dr hab. Jerzy Błażejowski (2012), Professor Dr hab Marek Żukowski (2015). In Humanities, this prestigious award has been won by Professor Dr hab. Roman Wapiński (2001), Professor Dr hab. Edmund Kotarski (2002), Professor Dr hab. Józef Bachórz (2003), Professor Dr hab. Bohdan Dziemidok (2004), Professor Dr hab. Józef Borzyszkowski (2005), Professor Dr hab. Jerzy Limon (2006), Professor Dr hab. Małgorzata Czermińska-Książek (2007), Professor Dr hab. Zdzisław Brodecki (2009), Professor Dr hab. Jan Burnewicz (2010), Professor Dr hab. Mirosław Szreder (2011), Professor Dr hab Brunon Synak (2012), and Professor Dr hab Stefan Chwin (2013), Professor Dr hab Mieczysław Nurek (2014).

In 2003, a new scientific award was inaugurated in Gdańsk for young scientists – the “Young Heweliusz” – which since 2006 has been known as the City of Gdańsk’s Jan Uphagen Scientific Award for Young Scientists. Among the winners of this award have been young researchers from the University of Gdańsk: Dr Sławomir Antkiewicz (2003), Dr Oktawian Nawrot (2004), Dr Karol Horodecki and Dr Monika Bokinić (2006), Dr Kamil Zeidler (2007), Dr Michał Harciarek (2008), Dr Paweł Antonowicz and Dr Robert Łyżeń (2009), Dr Sylwia Freza and Dr Magdalena Giers (2011), Jakub Szlachetko (2012), Piotr Kitowski (2013), Dr Anna Klimaszewska i Dr Marta Kolanowska (2014).

Range of courses

The University offers a wide range of forms of education. Some of these are interdisciplinary, and several can be undertaken in cooperation with other academic centres in Poland and abroad (including MOST and ERASMUS student exchanges). Our programmes are directed to a wide range of potential students, irrespective of age, profession, place of residence, or previous education, in accordance with the principle of *lifelong learning*.

The University of Gdańsk provides education in 73 fields of study, comprising 217 specializations, in day and weekend studies, at the level of first or second cycle studies, or within comprehensive (long cycle) five-year master’s programmes. Every year new fields of study are developed, and every effort is made to adapt our programmes to the needs of the job market. The syllabuses in the majority of new fields have a general educational or practical orientation, and they are devised in cooperation with experts and those with practical experience in specific areas. In this the University draws on the knowledge and experience of employers. The latest fields of study at the University of Gdańsk include Chemical Business, Diplomacy, Eastern Studies, Balkan Studies, Theatre Studies and also nuclear safety and radiological protection, Medical Biology, Water Resource Management and Protection, Sea Ichthyology, Film and Audiovisual Culture, and European Business Administration (conducted in English).



In several faculties, including Economics, Management, Chemistry, Law and Administration, Mathematics, Physics and Informatics, Languages and Intercollegiate Faculty of Biotechnology classes are conducted in

English as well as in Polish. The University's foreign-language instructors allow students to develop their foreign language skills in 8 languages. Students can choose from a wide range of sporting and physical activities. Students also engage in research as part of their studies. There are some 200 student research groups and forums at the University. Some students undertake their first research activities within the framework of grants won by their teachers. Doctoral studies or postgraduate non-degree studies allow them to continue to pursue their scholarly-scientific interests, and also to enhance their existing qualifications.

Projects such as the Open University, in which academic teachers offer instruction via a range of media, are also expanding. There are more and more interactive, e-learning courses and books and journals available in electronic form. This type of communication is made possible by the University's IT infrastructure, which includes almost 6000 computer stations with full internet connection. University of Gdańsk students can use modern workshops such as the Thomson Reuters Data Suite, which provides free access to financial data relating to firms, a unique dealing room (in which they may practice stock-market operations in real time), IT workshops with mobile technologies, a modern translation laboratory for teaching oral translation, a fully-equipped radio station that is one of the most modern in Poland, a physics laboratory for undergraduate and doctoral students with unique (in Poland) measuring equipment, a workshop for applied work in medical physics and for medical imaging, and a trading lab.

Student practical work and placements, including those abroad, play an important part in studies at the University of Gdańsk. The University of Gdańsk Careers Office is a leader among professional advisory bodies in the Pomeranian Voivodeship. It helps graduates to find work and to make decisions concerning their professional development. All these initiatives are part of our aim to combine theoretical knowledge with practical skills. This expands the opportunities of University of Gdańsk graduates in the job market, and it has won the University a leading place among Polish universities in terms of the level of graduate employment and salaries.

UG students



Apart from acquiring knowledge, students can realise their passions and broaden their interests in over one hundred and eighty scientific and scholarly research groups and student organisations operating at the University of Gdańsk. They can participate in the Academic Choir of the University of Gdańsk, which has won many prizes at international festivals, the *Jantar* Song and Dance Ensemble, or the *Alternator* Academic Cultural Centre, which organises cultural projects and events that are important for the whole Pomerania region. Another important part of academic life is sport, and the teams of the UG Academic Sports Union and of the Physical Education and Sports Department regularly win medals

and awards in the most important sporting competitions in Poland and abroad.

Students active in research groups and student organisations achieve spectacular successes. In 2005, Adrian Kosowski, a student at the Faculty of Mathematics, Physics and Informatics of the University of Gdańsk, won the most prestigious distinction – the title of the best student in Poland *Primus Inter Pares*. Students from the University ENACTUS group have for the last several years been the Enactus Polish National Champions (formerly SIFE, Students in Free Enterprise), and have represented Poland in the finals of the ENACTUS World Cup. The Academic Enterprise Incubator has also enjoyed considerable success, helping students to achieve professional independence through setting up their own businesses. In 2014, the University of Gdańsk was placed among the top ten Polish tertiary institutions designated most friendly toward young entrepreneurs. It was awarded the title by AIP of TOP 10 Startup Friendly.



In mari via tua



One of the assets of the University of Gdańsk is its relationship with the sea. The reputation of the university in marine matters is built on its excellent research stations with their international reputations: the Hel Marine Station of the Institute of Oceanography, the Bird Migration Research Station and the Biology Station. The marine image of the university is also enhanced by its fields of study, specialisations and scientific research connected with the sea and with the Baltic coast in particular. This concerns, above all, the Faculties of Biology, Oceanography and Geography, and such subjects as Biology, Geography, Environmental Protection and Oceanography. It also concerns the Faculty of Chemistry, where research is conducted into protection of the marine environment, and the Faculty of Law and Administration, which carries out important research into maritime law, international maritime law, the laws and systems of towns in Pomerania and maritime criminology.

The Faculty of Economics includes the Institute of Maritime Transport and Trade, the members of whose staff conduct research into the economic aspects of the functioning of transport and trade at sea. They also offer the speciality of International Maritime Transport and Trade, educating specialists in this field.

The interests of the University's literary scholars are focussed on the city and the region. Long-term research is being conducted into the connections between the literatures of various epochs and maritime issues in Pomerania. Works are also being prepared on the folklore of north-eastern Poland and on Balto-Slavic mythology. In their research, historians concentrate on the problems of the Baltic Sea region and the history of Gdańsk and Pomerania.



The University of Gdańsk implements its motto of *in mari via tua*, and serves the development of the Pomerania region, whose wealth is the very sea itself.

Foreign cooperation

The University of Gdansk cooperates with universities, tertiary colleges and scientific and research institutions in almost every country around the world. Participation in the European and international programmes allows for the expansion of the University of Gdansk and has an impact on its research and teaching base. From 2002 to the end of 2015 the University of Gdansk participated in nearly 280 European and international projects.

The University of Gdansk has a large experience in the implementation of projects under the Framework Programmes and Horizon 2020 - 72 projects. Among the greatest successes there are three European centres of excellence in the 5th Framework Programme: Research and Education Centre for Urban Socio-Economic Development (RECOURSE), Centre of Excellence for Baltic Development, Education and Research (BALTDER), Centre of Excellence in Bio-safety and Molecular Biomedicine (BioMoBil); the networks of excellence in the 6th Framework Programme: Marine Biodiversity and Ecosystem Functioning (MARBEF), European Vigilance Network for the Management of Antiviral Drug Resistance (VIRGIL); and



the large-scale projects in the 7th Framework Programme: Exploring Marine Resources for Bioactive Compounds: From Discovery to Sustainable Production and Industrial Applications (MAREX) and Quantum Interfaces, Sensors and Communication based on Entanglement (Q-ESSENCE), Quantum resources: conceptuals and Applications (QOLAPS), CENTRE OF MOLECULAR BIOTECHNOLOGY FOR HEALTHY LIFE Biotech solutions bringing health to living organisms and environment supported by mass spec-focused research platform (MOBI4Health), in the Horizon 2020: Electrification of public transport in cities – ELIPTIC and Development and implementation of Grouping and Safe-by-Design approaches within regulatory frameworks — NanoREG II, Viral Metagenomics for Innovation Value - Virus-X and Structural Transformation to Attain Responsible BIOSciences – STARBIOS2.

The membership of Poland in the European Union has opened up some new possibilities for Polish science and scholarship in the area of financing activities, including the exploitation of structural funds, such as the European Social Fund, the European Regional Development Fund and community initiatives. During the 2007-2013 programme period the University of Gdansk signed a total of 71 agreements for projects under the Operational Programmes, while during the 2014-2020 programme period - 4. Scientists from the University of Gdansk also obtain other European and international grants for example within the framework of the European Economic Area Financial Mechanism and the Norwegian Financial Mechanism, LIFE, the Swiss-Polish Cooperation Programme, the European Territorial Cooperation and Erasmus+.

Investment and Development at the University of Gdańsk



The University of Gdańsk's investment in development is concentrated in the expansion of the University on three campus sites: in Oliwa (The University of Gdańsk Baltic Campus), in Sopot, and in Gdynia. The University's infrastructure has been developed in recent years principally through financial support obtained through European Union programmes. New faculty buildings, and work units, and laboratories, provided with state-of-the-art

equipment, open up new possibilities for scientific and scholarly research, and for cooperation with the economy and with business. They also offer twenty-first century conditions for study, and positively influence the development of a workforce for the administration and economy of the Pomeranian Region and for the entire Baltic Region.

The largest group of University of Gdańsk students, employees, and buildings is concentrated on the Gdańsk Oliwa Campus. It is home to the Faculty of Biology, the Faculty of Chemistry, the Faculty of Languages and Literatures, the Faculty of History, the Faculty of Mathematics, the Faculty of Physics and Computer Studies, the Faculty of Social Sciences, and the Faculty of Law and Administration. It also contains the Main University Library, student dormitories, and the University Administration. The Campus has expanded in accordance with the long-term Investment Plan of the University of Gdańsk for the years 2011-2020. The expansion of the University of Gdańsk Baltic Campus, part of the dynamic development of the Three Cities area in general, has completely altered the appearance of this district of Gdańsk.

Recent investments include the Social Sciences Faculty building which also houses the Institute of Geography. The building was opened in 2008. It contains modern lecture halls, with multi-media equipment, special facilities for sociology, observation, therapy, visual arts, and music, a photographic studio, a radio studio, and also a spacious foyer that can host exhibitions and concerts. Since 2006 the academic community of the University of Gdańsk has had at its disposal the Main Library of the University, the most modern library in the Pomeranian Region, conceived as a centre of scientific and scholarly information for the whole community. Entirely computerized, it offers open access to more than half a million volumes. Its reading rooms fully meet the requirements of the twenty-first century, and its special rooms for individual work are at used by students and the academic community of the whole region.

The University of Gdańsk Baltic Campus in Oliwa is the site of one of the largest investments in Poland, co-financed by the European Union from the resources of the European Regional Development Fund, Infrastructure and Environment Operational Fund (Priority Axis 13). The project “Construction of Buildings for the Faculties of Chemistry and Biology of the University of Gdańsk” has led to the construction of new buildings for three faculties. The total cost of the project was almost 240 million PLN, of which more than 231 million PLN came from the Infrastructure and Environment Operational Fund (covering construction costs for both faculty buildings). The entire cost of construction for the Faculty of Biology, along with its equipment, came to almost 105 million PLN; that of the Faculty of Chemistry amounted to more than 133 million PLN.

The new building of the Faculty of Biology was opened on 1 October 2012 during the inauguration of the new academic year. The entire surface of the new Faculty of Biology building covers more than 23,000 square meters. The building consists of two four-storey wings and one five-storey wing. They are connected by a spacious foyer impressively appointed with greenery. Each wing is dedicated to a particular specialization: molecular biology, environmental biology, and experimental biology. The building includes 2 large lecture halls, 3 smaller lecture rooms, 16 seminar rooms, 74 laboratories, and 38 specialist workshops. The building is fitted with audiovisual equipment, access control and monitoring, IT and teleinformation networks.



The Faculty of Chemistry was formally opened on 27 May 2013. This building complex is an integrated collection of buildings designed for teaching, research, workshops, and storage. The surface area is 28,572 square meters. It holds modern research and teaching laboratories, lecture and seminar rooms, and auditoriums. The auditoriums' modern infrastructure makes it possible to hold multi-session conferences here. There is technological hall, in which research and teaching can be conducted in chemical and environmental engineering. An important aspect of the new building is an area dedicated to a university workshop for physical and chemical measurements, which is made possible by concentrating modern research equipment in one place.

In 2015, two new buildings were opened: the Modern Languages and Literature Building and the Central Administration Building. This project is part financed by the Regional Operational programme for the



Pomeranian Voivodeship for the years 2007-2013 (Priority Axis 2, Knowledge Transfer) and the sum involved is 37 million PLN. This new building will house the Institutes of English and American Studies, German Language and Literature, Romance Languages and Literatures, and Eastern Slavic Studies, and the Departments of Classics, Scandinavian Studies, and Slavic Studies. It will also contain faculty administrative offices, modern lecture rooms, rooms for specialist translation, and conference rooms. There will be a language laboratory, computer rooms, rooms for the Dean's Office, which will allow student matters to be dealt with an appropriate manner, and an e-learning centre. The building will be provided with the latest technology and equipment (for example, translation systems and simultaneous translation facilities).

The Central Administration building is a separate investment. It will accommodate a modern archive for the whole University, which will be at the level of an official state archive. It will also hold the UG Computer Centre, the Finance Office, offices for the principal University administrators and officers, and other Central Administration offices, along with training and conference facilities.

The latest investment project undertaken by the University of Gdańsk is the Institute of Biotechnology Building. Building work was completed in December 2015. The project was part of the Operational Programme Infrastructure and Environment. The total value of the investment was more than 60.5 million PLN, of which more than 60.4 million PLN came from Programme funds. The Institute of Biotechnology Building is one of the most modern teaching and research facilities in Poland. It has a surface area of 7,868.18 m² and has four floors above ground and one below ground. It contains specialized laboratories, including, laboratories for bio-informatics and for bio-molecular analyses, a filtron unit, an isotope laboratory, workshops for developmental research, and state-of-the-art teaching and learning facilities for undergraduate and postgraduate students. The last include teaching laboratories, research and teaching laboratories, seminar rooms, computer rooms, an auditorium, a space for student research groups, and a reading room. There is also a Faculty Council chamber.

On the University of Gdańsk campus, among other projects, there are plans to extend the Faculty of Mathematics, Physics, and Informatics (Information Sciences/Computer Sciences) by a new building for the Institute of Informatics (Computer Sciences), to build a UG Sports Center, and to set up a laboratory for simulating television recordings and film documentation in the Social Sciences Faculty Building. The development of the Baltic Campus offers a chance to create in Pomerania one of the strongest academic and scientific centres in the Baltic Region. It will play the role of a scientific and teaching and student centre for the Pomerania Region.

By long tradition Sopot is the home of economics. The Faculties of Economics and Management are there, and from October 2010 it is also the site of the Computer Centre, which joins the older and the newer part of the Faculty. The project was co-financed from the European Regional Development Fund, as part of the Pomeranian Voivodeship Regional Operational Programme for years 2007-2013. The Economics Faculty also acquired a fine new five-storey building, with a surface area of 5,550 square meters, which exploits the space between the wings of the Faculty and links them, thus creating an integral whole. In the newly constructed part, there is a modern 400-seat auditorium and a 150-seat lecture hall. It also contains the Faculty Council chamber, 16 teaching rooms, including two computer rooms, seminar and tutorial rooms, recording rooms, and technical and sanitary facilities. The plans for the Sopot Campus also include the construction of a new student dormitory.

In 2005, on the Gdynia campus, where the Faculty of Oceanography and Geography is based, a central building of the Institute of Oceanography was constructed, with modern laboratories and work units, and an exhibition area. The Institute of Oceanography building won recognition from the Leader of Gdynia City Council as the best investment of 2006 in the "Time for Gdynia" competition.

The latest strategy, adopted by the University of Gdańsk Senate in 2010, draws on the institution's traditions, outlines its core values and mission, and sets out a vision of its development through to 2020. The University's core values are: the rational pursuance of truth through original scientific and scholarly research, a respect for the best models in world science and scholarship, modern education in the service of the development of civilization and society, mutual respect and trust, tolerance for diversity of views, and solidarity within the entire academic community. The University's mission is to educate valued graduates who are provided with the broad and many-faceted knowledge, skills, and competences essential in knowledge-based socio-economic life, and to make a lasting contribution to scientific and scholarly knowledge of the world and to the solving of important contemporary problems. The next decade of the University's development will see the creation of a new level of quality in education, in scientific-scholarly research, and in cooperation with the community.

Conscious of its own potential, the University of Gdańsk strongly promotes bi- and multi-lateral initiatives in support of science and scholarship by scientific-scholarly centres and institutions in the Baltic Region. The expansion of research, the introduction of new fields of study that provide an opportunity for multi-faceted development, and further augmentation of the infrastructure for teaching and research will allow the University of Gdańsk to confirm its leadership position among tertiary-level institutions in Poland.

University of Gdańsk in The Three Cities

All buildings of the University of Gdańsk, together with its scientific research stations, are located at a range of sites from Gdańsk to the Hel Peninsula, thus covering a sizeable portion of the Polish coast. Most of the faculties are concentrated in the Three Cities of Gdańsk, Gdynia and Sopot. The Trójmiasto, or the Three Cities of Gdańsk, Gdynia and Sopot, is one of the most beautiful places in Poland. Together the three cities have over 800,000 inhabitants. The Three Cities conurbation possesses an efficient transport system, an international airport, and ferry connections with Scandinavia. Historic Gdańsk, modern Gdynia and Sopot, the pearl of the Baltic Sea on the very coast itself, each year attract thousands of tourists. The attractive location of the Three Cities on the coast and its many outstanding theatres, concert halls and museums constitute an additional asset and an attraction for students choosing to study here.

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