



More Than 100 Years of Maritime Education in Poland

The history of Gdynia Maritime University began with the founding of the Maritime School by order of General Józef Leśniewski on 17th June 1920. On December 8th of that same year, the school began by inaugurating the Faculty of Navigation and the Faculty of Marine Engineering. The founders of the first Polish maritime school were convinced that the education of the future officers of the merchant fleet should take place not only in the classroom but also at sea. Therefore, the School set out to find a suitable training ship, purchasing what was to become the "Lwów". The Polish flag was raised on the tall ship on 4th September 1921.

The Maritime School moved to Gdynia in 1930. During the 1930/1931 academic year, a new training ship, the frigate "Dar Pomorza", replaced the worn-out "Lwów". In 1938, the School inaugurated the Faculty of Maritime Transport and Administration. New faculties were gradually established, and specialisations expanded so that at the end of the 1960s the University comprised three faculties: Navigation, Marine Engineering, and Administration and Economics.

The Faculty of Electrical Engineering inaugurated its first academic year on 1st September 1954, under the leadership of Faculty Head, Engineer Henryk Łączyński.

The State Maritime School was granted the status of a post-secondary technical school in 1958 and ten years later merged with the State School for Marine Fishing, before becoming the Gdynia Maritime Higher School in 1968. The reorganised School began its educational activity in the 1969/1970 academic year.

In 2002, the Gdynia Higher Maritime School was renamed Gdynia Maritime Academy. Since 1^{st} September 2018, our institution has carried the name of Gdynia Maritime University. The change followed the attainment of the right to award doctoral degrees and post-doctoral degrees and the fulfilment of all other requirements for university status.

By a regulation of the Minister of Science and Higher Education of 27th August 2019, Gdańsk Maritime Institute was incorporated into the structure of Gdynia Maritime University and was given a similar status to that of the University's faculties. The GMU Maritime Institute's experienced researchers were a valuable addition to the University's staff.

Today's University comprises four rapidly developing Faculties: Navigation, Marine Engineering, Electrical Engineering, and Management and Quality Science, within which the University is expanding its scientific and academic activity across 10 fields of study, in 49 specialisations, the majority of them maritime.

The history and traditions of Polish maritime education are cultivated by the University in the GMU Hall of Tradition - the University's museum, which was founded in the 1930s. The Hall of Tradition houses an extensive collection of items of interest, including photographs, diplomas, flags, banners, medals, commemorative awards, navigation instruments, souvenirs from voyages and more. The Hall hosts events dedicated to the history of Polish maritime education for enthusiasts of all ages, as well as providing museum classes for school pupils.



Gdynia Maritime University

1920 | 1930 | 1940 | 1945 | 1969 | 2002 | 2018

Maritime School in Tczew



State Maritime School in Gdynia



State Maritime School in Exile in Great Britain



State Maritime School in Gdynia



Gdynia Maritime Higher School



Gdynia Maritime Academy





Professor Adam Weintrit, President of Gdynia Maritime University

Ladies and Gentlemen,

Gdynia Maritime University, one of the largest maritime universities in the European Union and the world, has been training personnel for the Polish and international merchant fleet and the on-shore maritime support for more than a century.

The University is based in Gdynia, Poland, a modern maritime-oriented port city of which the University is an integral part. Gdynia is the home port of the University's ships, most notably the world-famous sail training ship "Dar Młodzieży", as well as modern research and training vessels, "Horyzont II" and "IMOR". In the city centre, on the opposite side of the extension to the widely-renowned Skwer Kościuszki, are the Faculty of Navigation building, the University's planetarium and the marina with the University's yachts. GMU's extensive research and educational infrastructure allows us to equip our graduates with both knowledge and practical skills through highly engaging workshops and practical sessions.

The University offers its students a wide range of engaging and comprehensive degree programmes in response to the needs of the national and international labour markets. We also work closely with business and the economic sector, providing scientific research, R&D, and expert services.

The University's potential for development is enormous. Our involvement in the offshore industry in recent years, in particular offshore wind energy, has led to the construction in Gdańsk of the GMU Centre for the Offshore Industry and the establishment of an Executive MBA in Offshore Wind in English. As an organisation, we endeavour always to act conscientiously and consistently, aware of our responsibility to society and the scientific community.

I would like to encourage young people to look to the sea and join our crew in gaining knowledge and experience, both at sea and on land, at Gdynia Maritime University. We look forward to welcoming you to Gdynia and hope to see you at our University.



The Oldest State Maritime Higher Education Institution in Poland

dynia Maritime University (GMU) is the oldest maritime University in Poland and one of the largest in Europe. The University educates merchant fleet officers, engineers and managers for roles within the maritime industry and the coastal region at bachelor's, master's and doctoral degree levels.

Doctoral candidates are educated at Gdynia Maritime University within the Doctoral School. Graduates are awarded a doctorate in one of the following disciplines: management and quality science; automation, electronics, electrical engineering and space technology; civil engineering, geodesy and transport; and natural and environmental sciences.

GMU also offers part-time studies, postgraduate diplomas, and MBA programmes, as well as certification and specialist courses. The University offers its students a wide range of study programmes designed to meet the needs of the national and international labour markets.

Gdynia Maritime University consists of the faculties of Electrical Engineering, Marine Engineering, Navigation, and Management and Quality Science, and the GMU Maritime Institute. The University meets global standards set by the STCW Convention in the training of merchant navy officers and its Quality Management System, which complies with ISO 9001: 2015, is applied to the full scope of its activity.



A Wide Range of Degree Courses

Gdynia Maritime University offers degrees in 49 specialisations from 10 academic fields taught by four rapidly developing faculties.



FACULTY OF ELECTRICAL ENGINEERING

FIRST CYCLE (BACHELOR'S DEGREE)

- Electrical Engineering
- Electronics and Telecommunications Technology
- Information Technology

SECOND CYCLE (MASTER'S DEGREE)

- Electrical Engineering
- Electronics and Telecommunications
- Communication and Information Systems



FACULTY OF MARINE ENGINEERING

FIRST CYCLE (BACHELOR'S DEGREE)

- Mechanical Engineering
- Technical Systems Exploitation and Diagnostics

SECOND CYCLE (MASTER'S DEGREE)

• Mechanical Engineering



FACULTY OF NAVIGATION

FIRST CYCLE (BACHELOR'S DEGREE)

- Navigation
- Transport

SECOND CYCLE (MASTER'S DEGREE)

- Navigation
- Transport

POSTGRADUATE DIPLOMAS

- Risk Management in the Offshore Extraction and Offshore Wind Industries
- Cyber Security in the Maritime Industry
- Maritime Navigation Spatial Information Systems
- Modern Ship Management (in English)



FACULTY OF MANAGEMENT AND QUALITY SCIENCE

FIRST CYCLE (BACHELOR'S DEGREE)

- Management
- Quality Engineering

SECOND CYCLE (MASTER'S DEGREE)

- Management
- · Quality Engineering

POSTGRADUATE DIPLOMAS

- Logistics and International Transport
- Nutrition and Dietetic Services
- Project Management



OFFSHORE WIND ENERGY CENTRE

• Executive Offshore Wind MBA (in English)



GMU Maritime Institute - Poland's Offshore Market Leader

he GMU Maritime Institute (MI) is the indisputable leader within the offshore industry in Poland in environmental research and the development of environmental, geophysical, geological and geotechnical reports for commercial marine investment projects related to offshore energy, as well as developing official standards and good practices in marine research on behalf of public administration.

Thanks to its multidisciplinary departments and laboratories, and participation in projects and other activities concerning the management of Baltic resources, the Maritime Institute has become a competence and knowledge centre, as well as a centre for the processing and evaluation of information on the needs and priorities of the maritime industry and the use of marine resources, including maritime space.



The Institute focuses its activity on scientific research, implementation and experimentation, technical, technological, economic, organisational, ecological and legal issues within the maritime industry, adapting scientific research and development outcomes to the needs of maritime practice and policy, as well as the implementation of these outcomes within the maritime sector. Research and development work is carried out for central and local government, maritime administration, as well as companies connected with the maritime industry and coastal region.

The currently constructed Centre for the Offshore Industry will be the new headquarters of the GMU Maritime Institute and will house the MI's new certified laboratories whose development is part of the process of investment in offshore wind power. The Centre will provide the infrastructure and facilities for specialist research and development work to be carried out for the needs of the innovative maritime industry and has the potential to become the nucleus of a larger organism - a "Polish Offshore Valley".



The mission of the Offshore Wind Energy Centre is to support the development of the Offshore Wind Energy sector by providing education, training, and consultancy services. The Centre's range of services are aimed at companies and institutions involved in the Offshore Wind supply chain, current industry professionals and individuals aspiring to undertake and accelerate their career in the sector. Competencies developed during training programs and solutions implemented through consulting projects allow organisations, managers and specialists to favourably position themselves in a dynamically evolving market.

As the Gdynia Maritime University centre of excellence, the Offshore Wind Energy Centre aims to become an essential component of the sector's expertise, personnel, and innovation ecosystem. Thanks to cooperation with industry and academic partners, as well as Polish and international Offshore Wind experts, the Centre provides access to the most recent industry knowledge and management best practices. The Centre aims to become the Offshore Wind competence centre in Poland and the Baltic Sea region, and a significant partner in the European education and training market.

Offshore Wind Energy is one of the fastest developing branches of the maritime industry and the most dynamic energy sector in Europe. The sector's potential provides an exceptional opportunity for career advancement for professionals with managerial competencies, endorsed by the prestigious MBA diploma.

Cyber Security

As a University with more than a hundred years of tradition in education and training, we consider it our duty to actively participate in the development of the cyber security of maritime operations. In response to the increasingly common and critical nature of threats in cyberspace, Gdynia Maritime University has established the Maritime Cyber Security Centre.

Our experience and knowledge of maritime operations and legal and industry regulations, combined with the practical knowledge of cyber security specialists, allow us to build a cyber security culture in maritime to improve the safety of marine, offshore and port operations.



The University's Ships

Gdynia Maritime University is the owner of three well-equipped ships:

- the world-famous tall ship "Dar Młodzieży", the flagship of our University, city and country, an exceptional ambassador for Poland;
- the research and training vessel "Horyzont II", capable of navigating in the polar zone;
- the research vessel "Imor", equipped with the latest generation of equipment.



The "Dar Młodzieży" was built in 1982 at the Gdansk Shipyard. GMU students from the Faculty of Navigation, as well as the University's other faculties, participate in seafarer training on board the ship also known as the "white frigate". Training on board the "Dar" is also attended by Szczecin Maritime University students, pupils of maritime secondary schools, trainees from foreign ship crew training centres and sailing enthusiasts. The ship has successfully played the role of a seagoing ambassador for Poland for many years, completing many spectacular voyages across all oceans, and twice circumnavigating the globe (sailing around Cape Horn in 1987/88 and on the "Independence Sail" in 2018/2019).



The training and research ship "Horyzont II" is a modern seagoing teaching laboratory. Built in 2000 on the hull of the "Polarex" polar expedition ship, the unit is equipped with multiple modern navigation systems, which allow students and trainees to gain and hone the knowledge and practical skills required by navigation, mechanical and electrical officers serving on merchant ships. The ship is also equipped to conduct specialist marine research and regularly undertakes expeditions to the polar regions.



The research vessel "IMOR", commissioned in February 2006 as a "floating multi-purpose oceanographic research laboratory", was the first Polish vessel adapted to conduct coastal and shallow floodwater research. Currently, the vessel is primarily tasked with conducting pre-investment research in the Baltic Sea, monitoring the Polish coastal zone, and providing support for coastal resource assessment.

In the past, an entire fleet of ships of vessels of varying designs and purposes was used to train students. The University's flagship vessels were large tall ships: initially the "Lwów", then its successor, the "Dar Pomorza".

Specialist training was carried out on the "Horyzont" and "Zenit" instrument ships, and the training of deep-sea anglers took place on a training trawler, the "Jan Turlejski".

Finally, there was a simple steamship named "Kopernik", after Nicolaus Copernicus, that transported students of the Maritime School in Tczew along the Vistula to Gdansk where they boarded the "Lwów".

During the golden age of development of the Polish merchant fleet, seamanship training was also carried out on a large training cargo ship - the "Antoni Garnuszewski" (Polish Ocean Lines).











Lwów



Kopernik



Antoni Garnuszewski Zenit Horyzont







International Cooperation

In realising the objectives of Poland's maritime Policy and the priorities of the University's development strategy, GMU has for many years fostered relations with businesses, organisations and institutions from within the socio-economic community at home and abroad.



In 2000, Gdynia Maritime University became a member of the **International Association of Maritime Universities (IAMU)** – a global network of leading maritime universities offering education and training for the world shipping industry.

The Association is an international NGO representing the academic maritime community, authorised to take part in the deliberations of the International Maritime Organisation (IMO), a UN agency established in London.

For the 2023-2025 term of office, the Chair of IAMU and the Head of the Policy and Planning Committee is the President of Gdynia Maritime University, Professor Adam Weintrit.









Gdynia Maritime University experts participate in the work of the Organisation's committees, subcommittees and working groups preparing official IMO documents, analyse and develop Poland's stance on matters discussed at the sessions of IMO bodies, as well as prepare applications resulting from IMO resolutions.



The Institute of Electrical and Electronics Engineers (IEEE) is a non-profit organisation that brings together professionals connected with electricity and electronics, as well as related areas. One of its principal tasks is to establish standards for electronic equipment, including standards for IT equipment and computer formats. The IEEE is the world's largest professional technical organisation dedicated to the development of technology. The central aim of the organisation is to promote technological innovation and access for the good of humankind.

Functioning within the structure of the institute are the Poland branch of IEEE Systems, Man, and Cybernetics and the Poland branch of IEEE Instrumentation and Measurement. These branches are composed of the members of the Electron Devices and Electronic Packaging branches, which are headed by professors from Gdynia Maritime University's Faculty of Electrical Engineering. GMU representatives also take part in periodic scientific conferences organised by the IEEE.



The International Association of Institutes of Navigation (IAIN) is a non-profit organisation that brings together national and international institutes and organisations in support of activities on land, at sea, in the air, and in space through the development and popularisation of navigational science and practices.

IAIN is managed by the Officer's Committee, which since November 2021 has been chaired by GMU Associate Professor Krzysztof Czaplewski, previously also the President of the Polish Navigation Forum.



The Nautical Institute is a non-governmental advisory organisation affiliated with the IMO. The institute promotes professionalism, good practices, and safety throughout the maritime industry and represents the interests of its members. The Head of the Poland branch of the Institute is Professor Adam Weintrit, President of Gdynia Maritime University.



Since 2007, the Faculty of Navigation of Gdynia Maritime University, together with the Nautical Institute, has organised the cyclical **TransNav International Conference on Marine Navigation and Safety of Sea Transportation** for researchers and specialists to exchange expertise, experience and research results on all aspects of navigation, the safety of navigation and sea transportation.

Research and Development

n addition to the education and training of highly qualified professionals, Gdynia Maritime University conducts a wide range of R&D activities.

The University carries out research projects as part of national and international programmes. Such programmes are financed by the National Science Centre in Krakow, the National Centre for Research and Development, and the European Union. Team and individual research projects conducted at the University are subsidised by the Ministry of Education and Science.

The valuable experience gained through engagement in such research contributes to the development of the University's academic potential. The results of the GMU research are presented at national and international conferences and many papers are published in prestigious scientific journals.

The University is also a member of technology platforms, technology transfer centres, innovation centres, and science and science and technology consortia.















The funds allocated to the University's Faculties and the GMU Maritime Institute for research support individual and team research projects carried out within the following scientific disciplines:

- Civil Engineering and Transport;
- Mechanical Engineering;
- Automation, Electronics, Electrical Engineering, and Space Technologies;
- Information and communication technology;
- Management and Quality Science, including Food and Nutrition Technology, Health Sciences, and Economics and Finance;
- Natural and Environmental Sciences.

During the past 10 years, Gdynia Maritime University has carried out 163 research projects to a value of more than 40 million euro, including fundamental, application, and implementation research. Projects include investment projects, projects connected with the improvement of the research infrastructure, as well as general development projects related to the upskilling of the University's research and teaching staff.

Research and Educational Infrastructure

dynia Maritime University has a modern research and educational infrastructure consisting of well-equipped laboratories and simulators. Specialist, certified equipment is used during sessions with students and doctoral candidates, as well as when conducting scientific research.

The practical skills gained during training sessions and workshops give Gdynia Maritime University graduates an edge over other candidates on the labour market.

















Ship Handling Research and Training Centre, Iława - Poland

Tawa is home to a world-renowned Research and Training Centre for ship captains and pilots, owned by the Foundation for the Safety of Navigation, which is a joint venture between Gdynia Maritime University, Gdansk University of Technology and the City of Ilawa.

The Training Centre includes the recreation of ports, canals, rivers and other difficult-to-manoeuvre areas built to a scale of 1:24 on Silm Lake. Ships built to the same scale and equipped with ship systems simulators provide training led by specially trained, highly experienced mariners.













Cooperation with Business

dynia Maritime University offers a wide range of services to entities from within the socio-economic environment that are adapted to the challenges of modern science and the national and global economies. The University has at its disposal highly-qualified scientific personnel and modern research laboratories, guaranteeing research at the highest level.



In cooperation with the entities of the socio-economic environment, GMU carries out R&D and implementation projects within the framework of national, European and international programmes.

The GMU Technology Transfer Office is an independent unit within the Division of the Deputy Rector for Cooperation and Development. The Office was established to support the University in making the most of its intellectual and technical potential and the transfer of research outcomes to the economy, especially concerning innovations relevant to the maritime industry. The Office is responsible for developing business relationships, strengthening academic inventiveness and transferring knowledge and technology focused on innovation and current socio-economic challenges.

GMU Publishing

The University has run its own publishing house since 1969. Gdynia Maritime University Publishing was established to disseminate and promote the scientific and educational achievements of the University's staff, whose works are the primary focus of its publications. These include textbooks, academic scripts, scientific monographs, conference materials, and scientific journals. The University has also published many popular titles, mainly on topics connected with Polish maritime traditions and maritime affairs.

Since its establishment, GMU Publishing has published 162 textbooks and 324 academic scripts.



Captain Karol O. Borchardt Main Library

dynia Maritime University's main library was first established at the Maritime School in Tczew in 1920. Initially quite small, its collection was adapted to the needs of the School and included textbooks, encyclopaedias, dictionaries, and literature.

In 1930, the library was moved along with the Maritime School to Gdynia. There are no surviving documents on the activity and development of the library during the period 1930 to 1939 or the years of the occupation. After the war, the library was reorganised. This was, however, no easy task as much of the collection from the interwar years was destroyed or displaced, and technical and literary works were scarcely available. The library's collection at this time was largely made up of donated and exchanged books.

Over the years, the quantity and quality of volumes on the library's shelves has increased. Today it houses a collection of 105, 427 books and provides access to 248, 805 electronic titles. The library is run by a team of 14 staff members.



Maritime University NEWSletter

dynia Maritime University's staff and student newsletter has been published since 1994. Originally published under the title "Akademicki Kurier Morski", in 2021 it changed its name to "Universytecki Kurier Morski" (Maritime University NEWSletter). The newsletter presents current events in the life of the University and its academic community, referencing our wonderful maritime customs and traditions.



School of Foreign Languages

The School of Foreign Languages is a university-wide unit that provides English courses for full-time and part-time students of all faculties and disciplines at Gdynia Maritime University, including doctoral candidates.

Classes are conducted at various levels of competence in accordance with the European System of Reference for Language Education. Courses are tailored to the needs of individual fields of study. Students improve their use of general language; however, emphasis is placed on specialist English, which is of particular importance during work at sea, in the maritime industry, and in the world of business.

The School of Foreign Languages recently gained accreditation as an approved Marlins test centre for English.

Cultivating the University's History

The University has collected traces of past generations and events in its Hall of Tradition. The collection invites visitors to delve into the history of our University and the fascinating biographies of those who worked for its success.

Before the Second World War, a GMU museum was established on the initiative of Gustaw Kański in one of the rooms of the State Maritime School in Gdynia.



This early collection included a few souvenirs from the "Lwów" tall ship, including two compasses, a lifebuoy, a wooden Christmas tree made by students on the voyage to Brazilin 1923, the ship's logbooks, certificates, and other interesting documents. Much of the collection was sadly destroyed during the occupation of WWII.

It was only at the beginning of the 1970s that the University's predecessor returned to the idea of collecting and restoring items of interest from the history of maritime education. On 13th December 1978, the official opening of the Hall of Tradition was held in the main building of the then Maritime Higher School, where it is still located today.

Sport at Gdynia Maritime University

dynia Maritime University's Department of Sport and Recreation comprises the Sailing and Water Sports Centre, the GMU Swimming Pool, the School of Physical Education and Sport, and the currently developed Sports and Recreation Centre.



School of Physical Education and Sport

The School of Physical Education and Sport is a university-wide unit that conducts physical education, sport and recreation activities for students and employees of Gdynia Maritime University.



Swimming Pool

The University's swimming pool is located in the centre of Gdynia. The pool provides swimming lessons for students during the academic year and organises numerous sports activities for children, young people and adults, as well as a variety of swimming tournaments and competitions.



Sports and Recreation Centre

A Sports and Recreation Centre is currently undergoing construction on the main Gdynia Maritime University campus. An integral part of the new complex will be a modern sports hall. The facility will be highly functional and fully adapted to the needs of physical education and academic sport.



Sailing and Water Sports Centre

The Sailing and Water Sports Centre is a university-wide unit that caters to all Gdynia Maritime University students and staff. The Centre has four sea yachts - the "Nest", "Almak", "Twins", and "August", three motorboats, a land base equipped with teaching equipment, and a machine park that allows for even the most extensive repair of floating equipment.

Student Scientific Circles

tudents of Gdynia Maritime University have an exceptional opportunity to develop their passions, interests and skills within scientific circles. Members of the University's scientific circles are actively involved in integration and promotional trips, conferences, and training courses, where they have the opportunity to meet many interesting people, including potential employers. Scientific circles also organise student events and conferences.

The following student scientific circles are dynamically active at Gdynia Maritime University:

- e-Biznes
- Human Machine Interface
- Internet of Things and Embedded Systems
- Schooner Maritime Communications Club
- Nawigator
- Seaways
- EVPL Association of Electric Vehicle Users
- CARGO
- TRANSLOG

- Watchers
- Innovative Transport and Logistics Systems
- LoGIStic
- NAUTICA
- SEANOVATION
- Economics of Services
- Sea Quest Underwater Research
- UMGATE
- CAD & Cut
- INWESTOR







We Honour the Polish Flag and Proudly Wear the Uniform

dynia Maritime University - the name itself obliges us to develop learning focused on the sea and to foster and strengthen the maritime traditions alive and present in the everyday happenings of our University. We are proud to wear the uniform and honour the Polish flag.

GMU's Guard of Honour is an elite team of uniformed students that cultivate Polish, and above all, Gdynia Maritime University's maritime traditions.

The Guard's principal tasks include taking care of the organisation, security and setting of the ceremonies organised by the University and representing the University at other official celebrations and events. Its members are also actively involved in promotional activities, representing the University in the wider public space.









Student Parliament



The Gdynia Maritime University Student Parliament represents the interests of GMU students within and beyond the University. The mission of the Student Parliament is to ensure that every student of the University enjoys favourable study conditions by influencing teaching, course curricula, development policy, and legal regulations, such as the University's academic regulations or regulations for the payment of tuition fees. The GMU Student Parliament promotes the development of student interests, supporting the activities of the scientific circles, sports sections, the University's Catholic Ministry, and organising the Gdynia Student Culture Festival "Delfinalia" and many other cultural events.

Academic Choir

The Gdynia Maritime University Academic Choir, directed by Dr Karol Hilla, was founded in the autumn of 2001. The Choir brings together students, graduates, staff, and friends of the University, who regularly perform at cultural events, scientific conferences, and church and academic ceremonies, both at home and abroad. The Choir has won numerous awards at competitions and festivals in Poland and other countries (Italy, Spain, France, Germany, Romania, Lithuania and the USA). It has successfully performed at some of the biggest concerts in its home country, most notably with Andrea Bocelli during the summer of 2022.





