

Welcome to Poland

AGH University of Krakow



AGH University Welcomes You! 2.0

**Development of AGH University's
potential for comprehensive service
to foreign visitors and effective
international promotion**



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Welcome to Poland 2.0

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Message from our Rector

Dear Readers,

It is with great pleasure that I present to you the second edition of the **"AGH University Welcome to Poland"** brochure. International cooperation is a cornerstone of higher education institutions worldwide. Leading universities recognize the crucial role internationalisation plays in today's dynamic and interconnected digital world. It enhances knowledge exchange, drives innovation and accelerates groundbreaking research. At AGH University of Krakow, we embrace these global trends and are committed to staying connected with the ever-evolving international landscape. Since 1919, AGH University of Krakow has been at the forefront of educating professionals for both Polish and international industries. Our alumni have built successful careers in various countries and continents, where they are highly regarded for their expertise and professionalism.

At AGH University of Krakow, we continually strive to evolve and improve our academic offerings to meet the needs of both local and international students. We aim to provide our graduates with in-depth knowledge in their chosen fields but also essential life skills that prepare them to thrive in an increasingly globalised world. Through participation in exchange programmes, double-degree initiatives, and learning in a vibrant, diverse environment, students gain exposure to cutting-edge research, global best practices, and innovative problem-solving approaches. These experiences equip them to be resilient, open-minded, and ready to face challenges wherever they may go.

Our collaborative projects significantly enhance the quality of both education and research, contributing to the advancement of knowledge and innovation. These initiatives play a crucial role in tackling global challenges, including climate change, rapid technological advancements, and the development of space technologies. It is worth highlighting that AGH University is the first institution in Poland—and one of the few in Europe—to have a dedicated Faculty of Space Technologies and a Department of Space Technologies. By working together, we are better equipped to face complex global issues that demand creative and forward-thinking solutions. In line with our commitment to deepening international cooperation, we are actively expanding our network of partner institutions and seeking opportunities for joint research projects, student exchanges, and participation in international conferences.

As we continue this exciting journey toward greater global engagement, we warmly invite you to join us. Together, we can make a lasting impact and create a more connected and innovative future.



*Enjoy the read,
Prof. Dr hab. Eng. Jerzy Lis
Rector of the AGH University of Krakow*

Welcome to the AGH University of Krakow!

This brochure has compiled the most valuable and relevant information to make your stay at Krakow and our university as enjoyable as possible. Additionally, we offer personalized advice and specialized assistance through our Welcome Point. The AGH University Welcome Point staff offers specialist assistance and advice on:

- Immigration and visa applications
- Accommodation
- Health insurance
- Practical tips on life and culture in Poland & many more!

We will assist you in obtaining the necessary contacts and preparing for your arrival at AGH University, making your stay with us successful and enjoyable.

Where to find us?



30 Mickiewicza Ave., 30-059 Krakow
C-1 Building, 1st floor, room 108.



wtp@agh.edu.pl



Monday-Friday, 08:00 to 15:00



+48 12 617 57 42
+48 12 617 57 29

Visit our website :



*Our International students visiting Welcome Point
at AGH University*



NAWA Welcome to Poland Programme

The Centre for International Affairs has twice been a beneficiary of the **NAWA Welcome to Poland** project entitled 'Developing the potential of AGH University in terms of comprehensive services for foreign guests and effective international promotion'.

The aim of the project is to further enhance AGH University's capacity to accommodate and support students, doctoral students, and research and teaching staff from abroad. The project also envisages intensifying activities to promote the university's educational offer internationally, with a particular focus on cooperation with foreign graduates of AGH University.



EXPO 2025 in Osaka, Kansai



AGH University will have the opportunity to promote its educational offer and Polish Science at EXPO 2025 in Osaka, Kansai, together with representatives of AGH University's student research clubs and Shibaura Institute of Technology's representatives.



Conference: "The Impact of Internationalization on the Openness and Tolerance of the University Environment" and **Opening Ceremony of Welcome Point** at AGH University, led by Vice-Rector for Cooperation Prof. R. Wiśniowski and Dr. Piotr Kępski (NAWA) on April 19, 2023. Funded by the first edition of the Welcome to Poland programme.



AGH University Welcome Point Team

Reasons to Study and Research in Poland

Poland is an attractive destination for students from all over the world, offering high-quality education in a vibrant, international environment. The country is home to over 380 universities, many of which provide a wide range of study programmes in English.

A large portion of the younger generation in Poland speaks fluent English, and in major cities, there are numerous international career opportunities for individuals from diverse backgrounds.

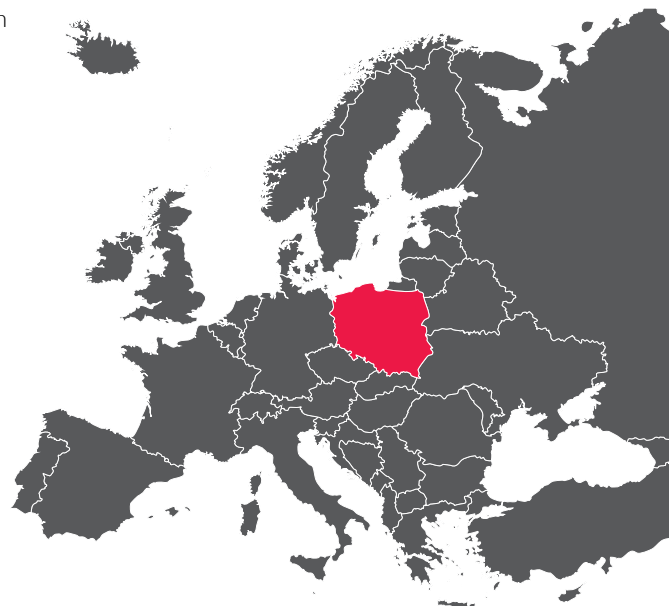
Moreover, the cost of living in Poland is significantly lower than in most of Western Europe, allowing students to enjoy an urban lifestyle while studying.

Poland's central geographical location in Europe facilitates easy travel to most European destinations within a 1-2 hour flight. Most larger cities have airports, with several low-cost airlines offering flights to various destinations in Europe and beyond.

Facts and Figures about Poland:

- population of over 38 million people
- 1.3 million students
- 107,130 international students
- 6th largest country in the EU
- High English language proficiency - 13th (out of 113) in the global EF Proficiency Index 2023
- One of the safest countries in the world (according to the Global Peace Index 2024)
- 16 UNESCO Heritage Sites

Currency: 1 złoty (PLN) = approx. 38 JPY



Krakow – The Cultural Capital of Poland

Krakow is one of the most beautiful cities in Poland and Europe, known for its heritage buildings, rich history and diverse academic, economic, cultural and artistic life.

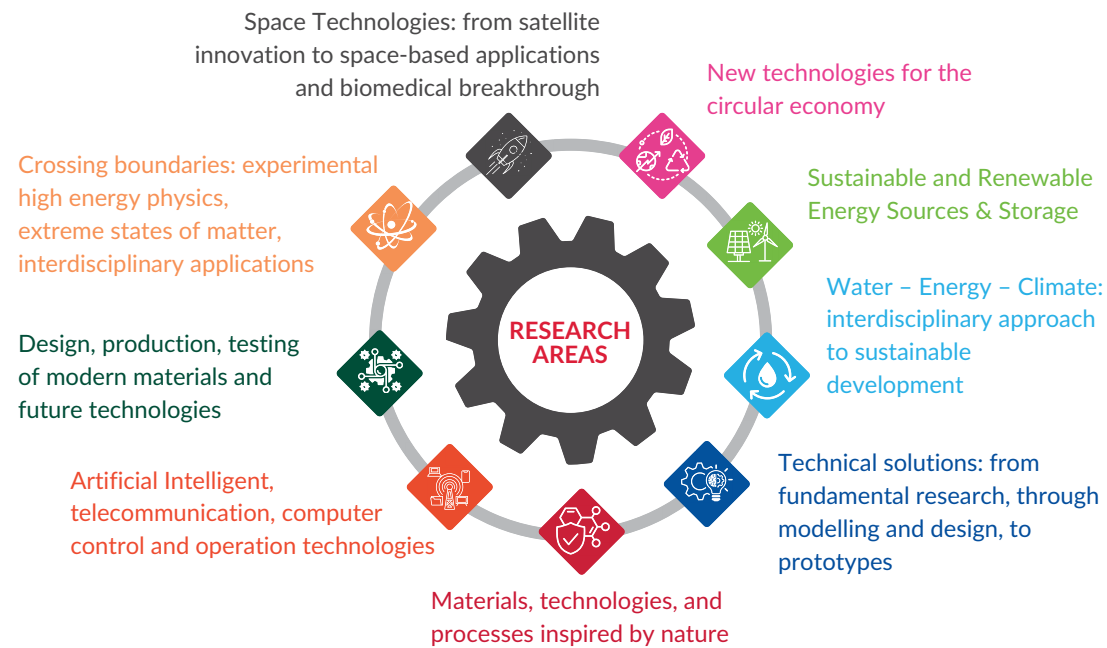


About the AGH University of Krakow



AGH University is a modern, globally-oriented, collaborative institution that actively participates in fostering a knowledge-based society and creating innovative technologies. AGH University provides education and carries out scientific research in line with the contemporary needs of the economy while also influencing the development of research areas and the creation of new fields of study.

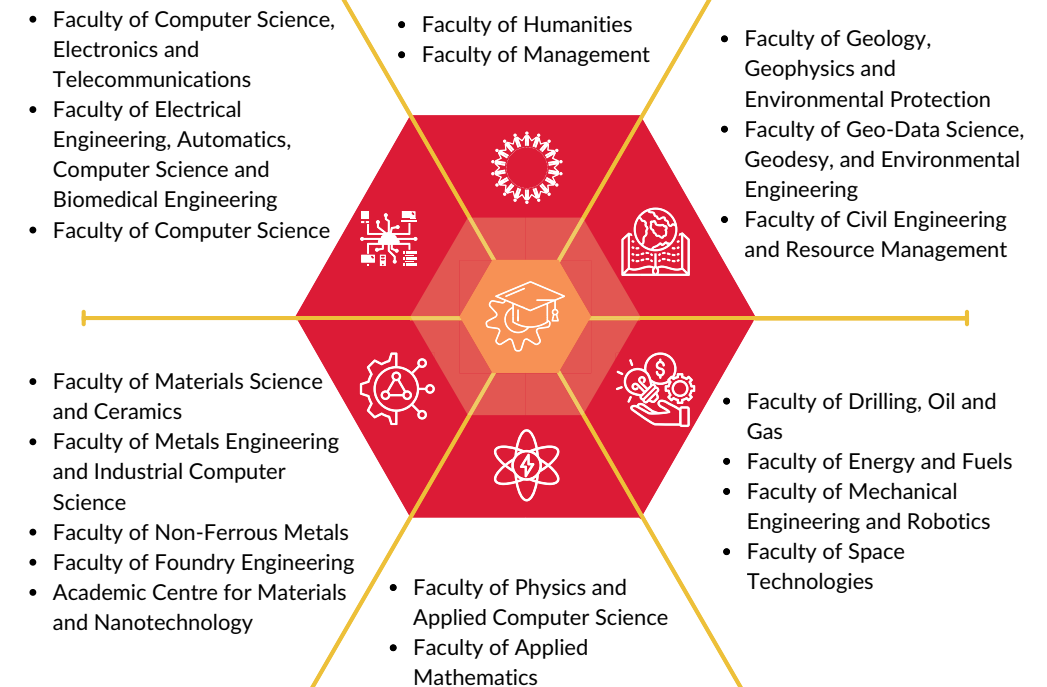
AGH University focuses on the following research areas:



Our Faculties

The university offers a wide range of specialised courses at a very high level of education. Thanks to courses taught by professionals and well-equipped laboratories, students have the opportunity not only to acquire theoretical knowledge, but also to apply it in practice.

Faculty List



Auxiliary Units

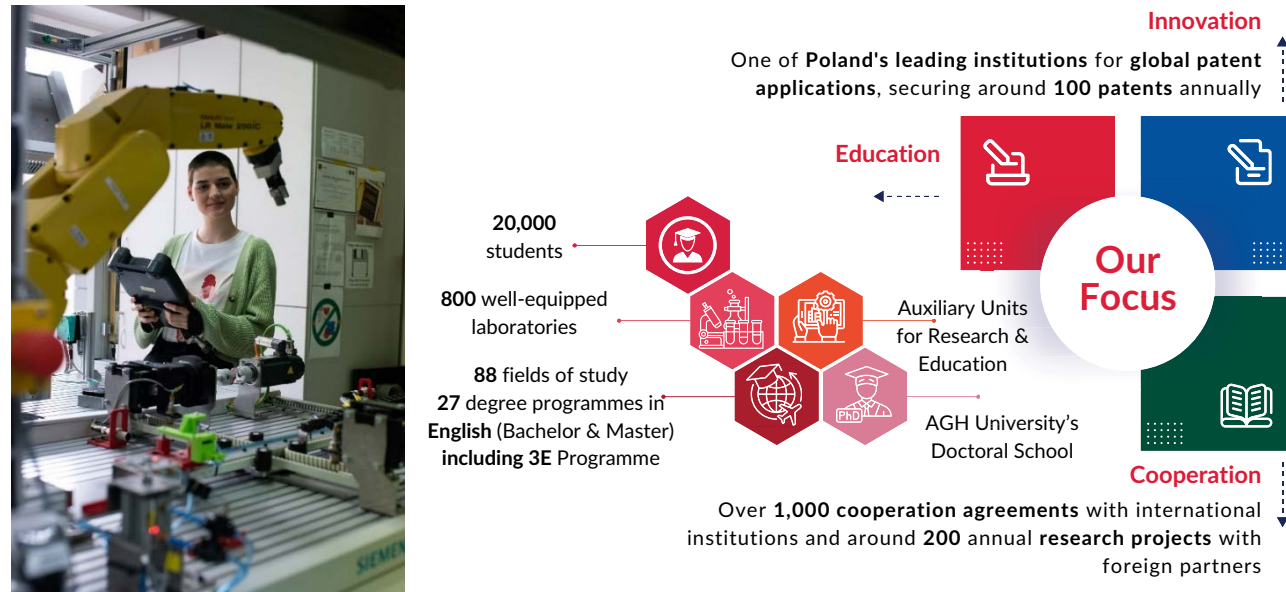
Academic Computer Centre CYFRONET, Main Library, Cybersecurity Centre, Center of Excellence in Artificial Intelligence, Centre of Energy, UNESCO Chair for Science, Technology, and Engineering Education at the AGH University, Department of Foreign Languages, and Department of Sport and Physical Education

Doctoral School

AGH University
Doctoral School

Our Focus

AGH University of Krakow is a renowned Polish institution specializing in research, innovation, and education. The university offers a wide range of study programmes, conducts advanced scientific research, and actively collaborates with international partners. With modern laboratories and a strong focus on technological development, AGH University plays a key role in driving innovation and contributing to global scientific progress.



Initiatives Supporting Research and Mobility

University is actively engaged in advancing scientific research and international collaboration. The university participates in prestigious programmes supporting career development, and academic mobility. By implementing strategic initiatives, joining global networks, and contributing to international projects, AGH University strengthens its position as a leading research institution, fostering technological progress and supporting scientists at all career stages.

HR Excellence in Research



AGH University received the HR Excellence in Research award from the European Commission for its commitment to the European Charter for Researchers and the Code of Conduct.

Its "HR4R Strategy" outlines a 2024-2025 action plan focusing on ethics, recruitment, working conditions, and training. The university regularly evaluates its progress to ensure transparency and support for researchers at all career stages.

UNIVERSEH



UNIVERSEH - European Space University for Earth and Humanity is a consortium of seven universities from seven countries, including AGH University of Krakow.

AGH University contributes to projects on space exploration, emerging space technologies, sustainability, and satellite data use.



Initiative of Excellence - Research University (IDUB)



AGH University was recognized in the first "Initiative of Excellence - Research University" (IDUB) competition, placing among Poland's top 10 universities.

As part of this programme, it implements 28 initiatives to enhance research and education, including 8 for professors and 7 for doctoral students.

EURAXESS Network

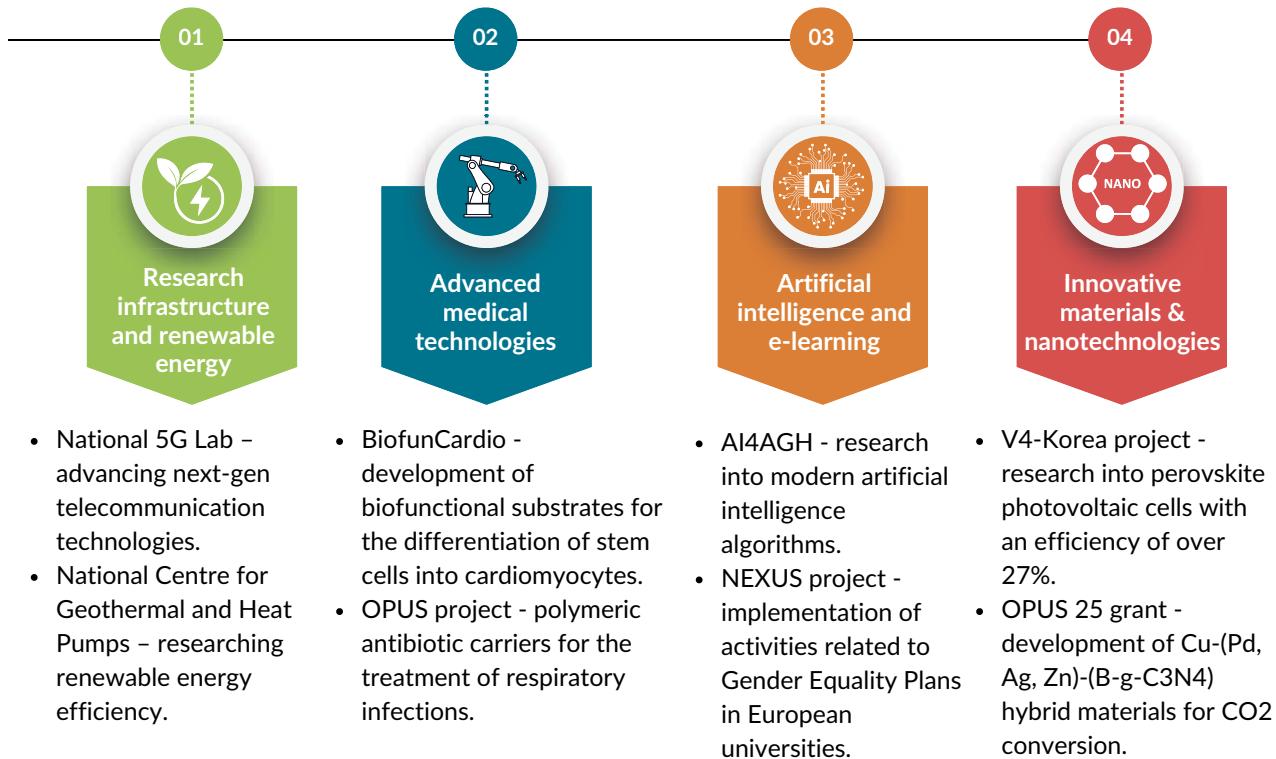


AGH University has joined the EURAXESS network, which supports the mobility and career development of international researchers.

Active in 43 countries with over 670 Welcome Centres, EURAXESS offers personalized relocation assistance and access to job and funding opportunities. As part of this network, AGH University enhances support for international researchers, promotes collaboration, and access to European projects and events. AGH University's Welcome Point at the Centre for International Affairs helps researchers, PhD candidates, and students integrate smoothly. In Poland, EURAXESS is coordinated by NAWA.

AGH University's Research Projects

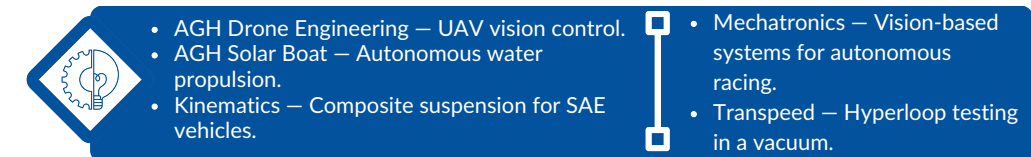
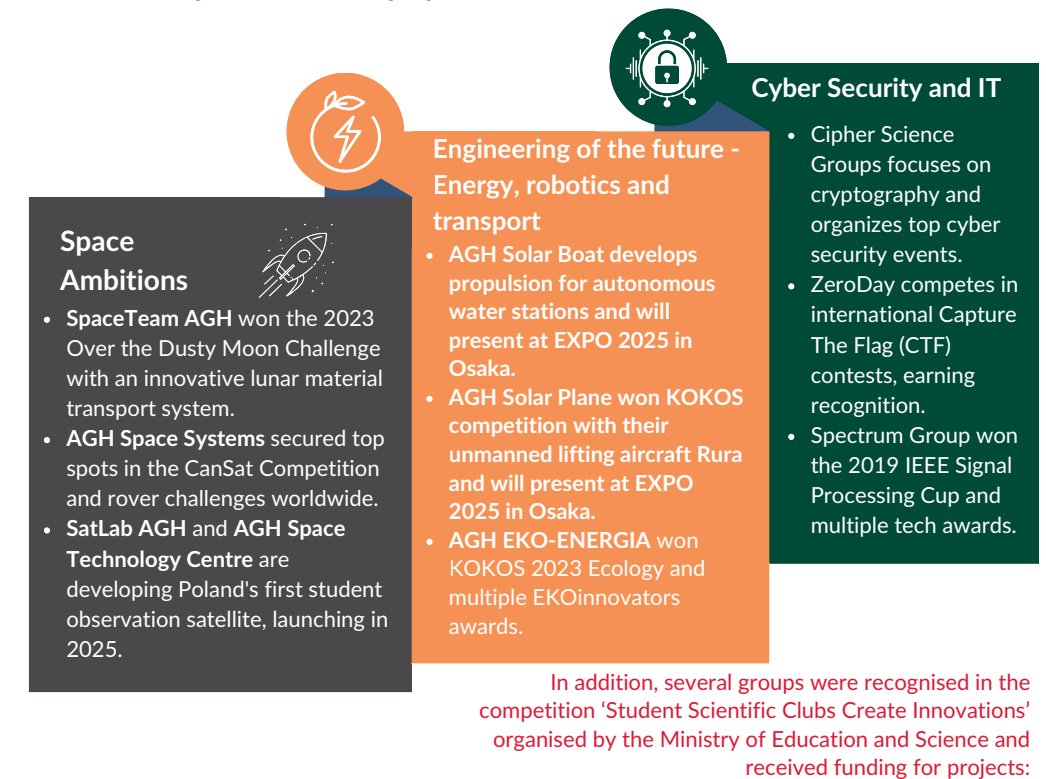
The AGH University of Krakow is a leader in innovative scientific and technological research. Our projects range from nanotechnology and biomaterials to artificial intelligence and renewable energy sources.



Through interdisciplinary projects and cooperation with research centres around the world, AGH University continually contributes to technological progress and the development of a knowledge-based economy.

Student Research Clubs

AGH University of Krakow is not only a prestigious technical university, but also a place where students can develop their passions and skills within 140 student's scientific research clubs. Thanks to the commitment and determination of young scientists, AGH University carries out innovative projects that change the world. Among them, one can highlight :



Student Organisations

AGH University hosts approximately 30 student organisations like IAESTE, Erasmus Student Network (ESN), and Board of European Students of Technology (BEST), which enrich academic life through soft skills development, cultural exchange, and practical experiences.

Erasmus Student Network (ESN)

ESN AGH University supports international students in exchange programmes like Erasmus+, helping them integrate through events, trips, and cultural activities. Recently, it collaborated with 16 partners, hosted 211 events, and expanded its membership



IAESTE AGH University

IAESTE AGH University supports professional development through initiatives like 'Level UP Your Skills,' offering mock interviews, CV assessments, and soft skills workshops.

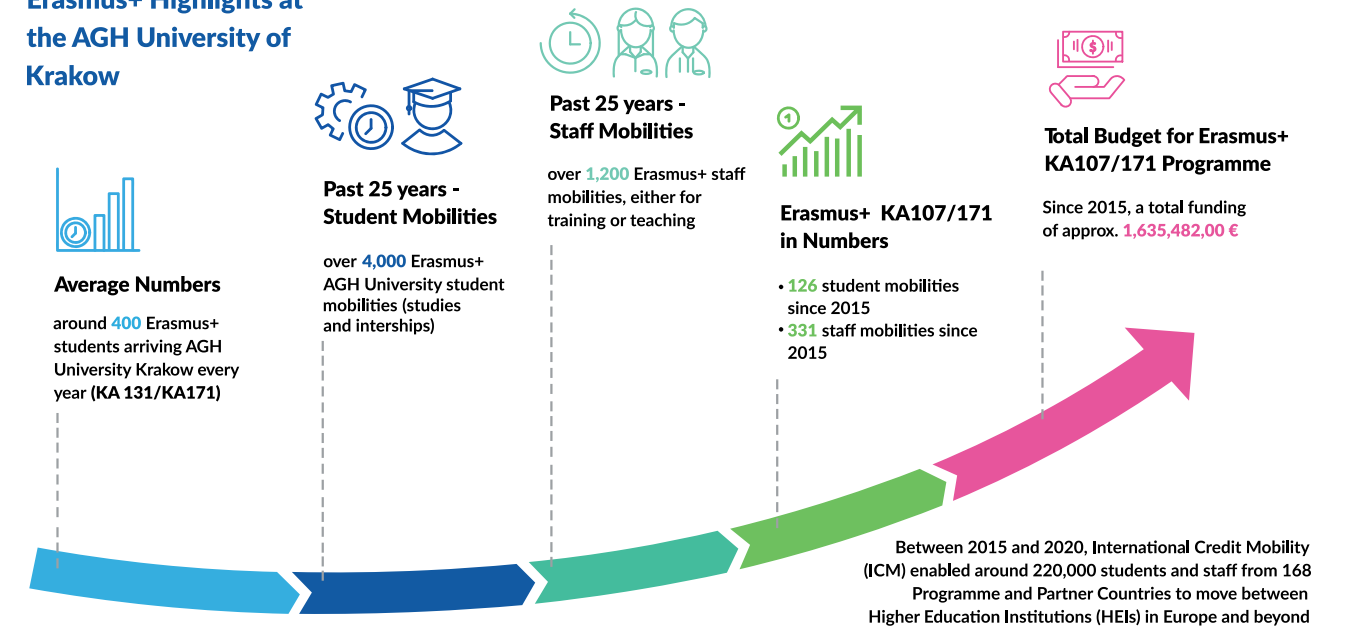
BEST AGH University

BEST AGH University of Krakow connects students, academia, and businesses, organizing science courses that combine learning, networking, and cultural exploration across Europe.

Erasmus+ at AGH University

For the past 25 years, the Erasmus+ Programme has played a significant role in shaping international cooperation and partnerships at AGH University in Krakow. Each year, we welcome approximately 700 students and 130 staff members through the Erasmus+ Programme. Additionally, we regularly host visiting professors from universities around the world, who are renowned researchers and leading experts in their fields.

Erasmus+ Highlights at the AGH University of Krakow



NAWA Educational Support Programmes



01 Poland My First Choice Programme

The programme offers scholarships to talented students from 42 countries including Japan for full-time second-cycle studies at Polish universities. It provides a tuition fee exemption at public universities and a scholarship for the duration of the studies.



04 The ULAM Programme

The programme invites international PhD holders to research, teach, and collaborate in Poland, promoting knowledge exchange. Fellows receive PLN 11,500 monthly, a mobility allowance, and funding for stays of 6–24 months.



02 Banach Scholarship Programme

The programme supports young talents from 44 developing countries by offering scholarships for full-time second-cycle studies at Polish universities. It aims to enhance socio-economic progress through education. The scholarship includes a monthly stipend (1,800 PLN), tuition fee exemption at public universities, and a one-time mobility allowance.



05 Anders Scholarship Programme

For young people of Polish origin with a Pole's Card or dual citizenship who completed secondary education abroad. Supports Polish-taught university studies (excluding applied linguistics and foreign languages), with an optional language preparatory course.



03 Marie Skłodowska-Curie Staff Exchanges

The programme supports research and innovation institutions—universities, companies, and non-academic organizations—in international and cross-sector collaboration. Open to consortia of at least three institutions from different countries, it funds staff exchanges, joint research, training, and networking, fostering skill development and EU/non-EU cooperation.



06 Zawacka Exchange Programme

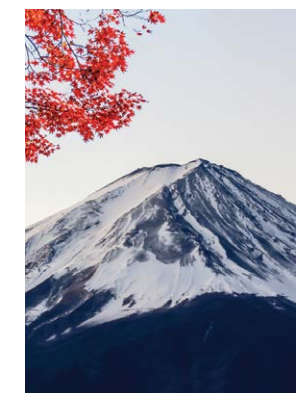
The Zawacka Exchange Programme supports international academic cooperation through study visits, research, and teaching at Polish institutions. Open to students and researchers from universities supervised by Poland's Ministry of Science and Higher Education.

Other Scholarship Programmes



01 CEEPUS Programme

Central European Exchange Programme for University Studies (CEEPUS). This programme supports students, PhD candidates, and research staff from Central and Eastern Europe (including Albania, Austria, Poland, and others) to engage in academic exchanges in Poland. It focuses on education, work placements, and teacher training, fostering cooperation between higher education institutions. The scholarship covers full-time studies in various fields (except applied linguistics and foreign languages), with studies conducted in Polish after a preparatory language course.



02 Vulcanus Programme

This programme offers students from the EU and Single Market-associated countries paid internships in Japanese industrial firms. It aims to introduce advanced technologies, teach Japanese, and deepen cultural understanding. Launched in 1997, Poland joined in 2004, with 47 Polish participants benefiting since then.

Our Campus

The AGH University's Student Campus is the largest campus in Poland

Spanning nearly **40 hectares**, the campus is just **10 minutes** by tram or bus from the Main Railway Station, a **6-minute** walk to the **Old Town**, and **30 minutes** by bus to Krakow Airport. It blends historic and modern architecture with outdoor sculptures, green spaces, and research-themed installations. There are **20 dormitories** with over **8,000 beds** in three standards (all with free Wi-Fi) and convenient amenities like **restaurants, cafes, pharmacies, print shops, and ATMs**. The campus also features modern sports facilities and **four** student clubs hosting around 360 events annually.



AGH University Campus



Achievements and Recognition

Our university has a well-established position in the country and is well-recognised abroad, continuously ranking high in the most prestigious worldwide rankings and has excellence reputation abroad



1st place among Polish
Technical Universities



1st place among Polish
Technical Universities
2nd place among Polish
Technical Universities
(Country Rank)



Accreditation for the
Faculty Automation,
Computer Science and
Biomedical Engineering



1st place among Polish
Technical Universities
150th place in Europe
506th place in the World



1st place among Polish
Technical Universities



2nd place among Polish
Technical Universities



1st place among Polish
Technical Universities



1st place among Polish
Technical Universities



2nd place among Polish
Technical Universities
(Country Rank)



1st place among Polish
Technical Universities



2nd place among Polish
Technical Universities



Program study of
Mechatronics Engineering
accredited by the
Engineering Accreditation
Commission of ABET

International Cooperation at AGH University

AGH University is a globally connected institution, actively engaging in international education and scientific cooperation. Through numerous academic agreements, exchange programmes, and research collaborations, the university fosters strong partnerships with institutions worldwide. Its commitment to innovation and excellence is reflected in extensive research output, collaborations with top global scientists, and contributions to diverse scientific fields.



International Cooperation at AGH University Education Cooperation

300+ General Agreements

With partners in over 60 countries, most are with universities in Ukraine, France, China, the U.S., Germany, and Japan.

600+ Erasmus+ Agreements

Each year, approximately 700 students and 130 employees, both incoming and outgoing, take part in academic exchange programmes at AGH University

452 Visiting Professors

Since 2012, the university has welcomed most guests from Ukraine (61), Germany (56), India (33), France (32), the USA (24), Saudi Arabia (21), Canada (15), the United Kingdom (13), and Japan (8), reflecting strong global academic ties.

24 Double Degree Agreements



Scientific Cooperation

1,000+ R&D Agreements

which more than half are from industry

World Top 2% Scientists

79 scientists from AGH University

50,905 Publications

with 446,075 citations, with 8,490 authors. Between 2021 and 2025, 45% of the publications were international collaborations and 3,275 articles appeared in the top 10% of journals.

Research Covers

Engineering (18.4%), physics and astronomy (17.6%), material sciences (14.4%), computer science (10.6%), mathematics (7.8%) and earth sciences (6.2%).



AGH University: Main Collaborator

Its network cover Europe (1,000+ collaborations), Asia (818), North America (392), South America (115), the Middle East (220) and Africa (98).



UNIVERSITY OF
OXFORD

Cooperation with Japan

AGH University of Krakow has a long-standing tradition of scientific collaboration with Japanese universities and research centers. The first official cooperation agreement was established in 1983 with Kyoto University, granting AGH University scientists access to the Fujitsu VP400 supercomputer and state-of-the-art measurement equipment. From 2000 to 2025, several agreements were signed with other leading Japanese institutions, including the University of Tokyo (initial agreement in 2013, renewed in 2018) and the Faculty of Engineering at Kyoto University. Notably, AGH University is the only European university partnered with the Japan Coal Energy Center (JCOAL) in advanced energy systems research.

This collaboration has yielded significant outcomes:

- **200+ joint publications, books, and book chapters**
- Numerous joint seminars and conferences
- Dual doctoral programmes, with degrees awarded in both countries.

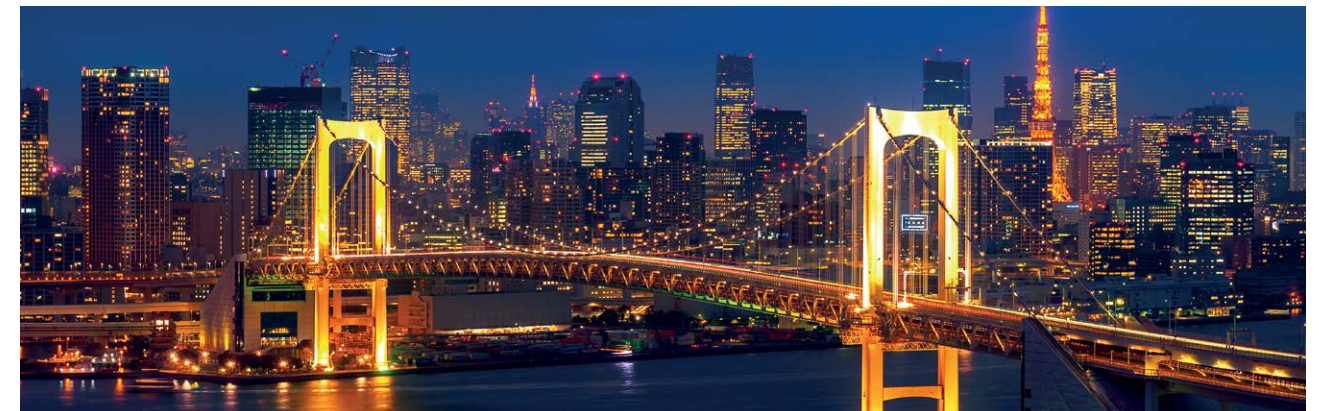


Three Japanese University professors who cooperate with AGH University were awarded medal of the national education commission:

Prof. Kenjiro Suzuki, Kyoto University, in 2001

Prof. Hiruki Ozoe, Kyushu University, in 2005

Prof. Akito Takasaki, Shibaura Institute of Technology, in 2011





Our Cooperation



Polish-Japanese seminar with participation of Hokkaido University scientists (2014), Visit of AGH University of Krakow to Institute of Industrial Science, The University of Tokyo (2014), and Guest Lecture on "AI and Robotics for Space Missions" by Prof. Kazuya Yoshida (22.05.2024) - Space Technologies Centre

Key Milestone of The Cooperation Between AGH University and Japan

Bilateral Agreement

Kyoto University (1983), Kyushu University (2000), Shibaura Institute of Technology (2004), Hokkaido University (2007), University of Toyama (2018), Muroran Institute of Technology (2009), Kumamoto University (2010), Ryukoku University (2010), Tokyo Metropolitan University (2011), The University of Tokyo (2013), Rigaku Corporation, JCOAL (2014), and Tohoku University (2017).

Erasmus+ Agreement

Tohoku University (2018), Shibaura Institute of Technology (2018), Hokkaido University (2019), and The University of Tokyo (2019). In this programme, approximately 12 incoming mobilities from Japan and 9 outgoing mobilities to Japan have been realized.

Double Degree Programme

Currently, AGH University has 2 double degree programmes: one with Hokkaido University, resulting in two doctoral degrees awarded to 2 Japanese Students, and another with Shibaura Institute of Technology, where 10 doctoral degrees have been awarded – 9 to Polish students and 1 to a Japanese student. In the past, we also had a double degree programme with Kyushu University, through which three doctoral degrees were jointly awarded by AGH University and Kyushu University.



Number of Student Mobility Under Bilateral Agreement Framework (2016-2025)

>50 Japanese Students Mobility to AGH University

>40 AGH University Students Mobility to Japan

AGH University organize winter school every year for Japanese Students



Selected Research Projects Realized with Cooperation of Japanese Institution (2016-2025)

NCBR- JCOAL Project

AGH (Prof. J. Szmyd) - Tokyo University (Prof. S. Kaneko) Fundamental Drying Characteristics of Polish Lignite, Increasing efficiency of lignite fuelled power plants by low rank coal upgrading technologies - Innovating superheated steam drying system (NCBR- JCOAL Project)

Project financed by the Japan Society for the Promotion of Science and the Polish Academy of Sciences, AGH University (Prof. J. Szmyd) - Kyoto University (Prof. H. Yoshida) Development of mesoscale electrode-electrolyte interfaces in SOFCs using 3D printing for efficient energy conversion)

AGH University's cooperation with Japan not only strengthens scientific innovation but also nurtures an active exchange of knowledge and expertise.

AGH University's main partners in Japan

Shibaura Institute of Technology

Shibaura Institute of Technology (SIT), founded in 1927 in Tokyo, is a leading private university specializing in engineering and science. It hosts 7,592 students and operates 265 research laboratories through partnerships with over 200 universities worldwide, including the University of Sheffield and the University of Queensland. SIT has maintained a strong collaboration with AGH University in energy engineering since 2004. SIT has a global alumni network of over 100,000 and ranks 32nd in Japan (Times Higher Education 2025), 1,501st globally (World University Rankings 2025), and 1,175th in the QS World University Rankings 2024.

Hokkaido University

Hokkaido University (HU), founded in 1876 in Sapporo, is one of Japan's most prestigious public universities. It offers 12 undergraduate faculties and 21 graduate schools, enrolling 17,920 students, including 2,042 international students. HU's partnership with AGH University covers material engineering, ceramics, metallurgy, and industrial computer science. The cooperation includes student exchanges (HUSTEP), visiting professors since 2010 (Prof. T. Ohmi, Prof. K. Matsuura), and two joint PhD diplomas awarded in 2012 and 2015. Currently, Prof. K. Matsuura serves as a research faculty member at AGH University's Faculty of Materials Engineering and Ceramics. HU ranks 8th in Japan (Times Higher Education 2025), 351–400 globally (World University Rankings 2025), and 660th in the QS World University Rankings 2024.

Tōhoku University

Tōhoku University (TU), established in 1907 in Sendai, is one of Japan's top research institutions, with 17,816 students, including 1,746 international students. TU comprises 10 faculties, 19 graduate schools, and six research institutes. Its collaboration with AGH University focuses on mechanical engineering, robotics, and space engineering, including initiatives like the Autumn School on Space Resources and the 7th Space Resources Conference. Notable professors involved in these activities include Prof. K. Yoshida, and Prof. M. Maeda, specializing in space robotics & aerospace engineering. TU is ranked 1st in Japan (Times Higher Education 2025), 120th globally (World University Rankings 2025), and 488th in the QS World University Rankings 2024.

University of Tokyo

The University of Tokyo (UT), founded in 1877, is Japan's oldest and most prestigious university, enrolling 29,213 students, including 5,104 international students. With more than 467,000 alumni, including 13 Nobel laureates and 16 prime ministers, UT has over 500 international agreements and 27 overseas offices. UT collaborates with AGH University on the NCBR-JCOAL project, focusing on the drying process of Polish brown coal. UT ranks 3rd in Japan (Times Higher Education 2025), 28th globally (World University Rankings 2025), and 11th in the QS World University Rankings 2024.

Scientific Collaboration with Japan

Scientific cooperation between AGH University and Japanese universities plays a key role in the development of innovative technologies and knowledge exchange. Thanks to international research projects, academic exchange programmes and joint publications, scientists from both countries can work together on cutting-edge solutions in engineering, IT, or energy.



Scientific Cooperation with Japan

According Scopus and Scival, data from 2014-2023

1,612 Joint Publications

Consists of 1,414 scientific articles, 111 conference papers, 39 erratum, 19 Editorial, 15 review papers

118 Japanese Institutions

Includes 1,577 publications with 96 academic institutions, 726 with 12 government institutions, and 12 with 9 corporate institutions.

Renowned Journals

The scientific articles were published in renowned Journals including 336 Journal of Energy Physics, and 285 European Physical Journal C.



Main Research Areas

1,365 Physics and Astronomy

82 Computer Science

405 Engineering

65 Mathematics

106 Material Science

65 Energy

70 Publications

Related to Sustainable Development Goals 7: Affordable and Clean Energy

Main Collaborator Institutions in Japan

AGH University co-authored with Tsukuba University (1,690 articles), The University of Tokyo (1,612 articles), Kyoto University (1,007 articles), Nagoya University (989 articles), Osaka University (987 articles), Institute of Science Tokyo (980 articles), Kobe University (970 articles), Kyushu University (957 articles), Hiroshima University (762 articles), Shibaura Institute of Technology (108 articles), Tohoku University (32 articles), and Hokkaido University (19 articles).



These collaborations underscore AGH University's role in advancing research in engineering, physics, materials science, and multidisciplinary fields, contributing to global scientific progress and technological innovation.

Key Collaborative Initiatives with SIT



**Prof. Dr hab. Eng.
Tadeusz Słomka**

*Former Rector of AGH
University of Krakow
2012-2020*

Honorary Doctorate of SIT
Awarded on March 2015,
Krakow



**Prof. Dr hab. Eng.
Jerzy Lis**

*Rector of AGH
University of Krakow
2020-2028*

Honorary Doctorate of SIT
Awarded on November
2024, Tokyo



**Prof. Janusz S. Szmyd,
D.Sc., Ph.D., Dr.H.C.**

*Rector's Representative for
Cooperation with Japan*

Honorary Doctorate of SIT
(March 2015, Krakow) &
Laureate of Distinguished
International Achievement
Award given by SIT
(November 2024, Tokyo)

Since 2004, AGH University of Krakow has maintained a strong and lasting partnership with Shibaura Institute of Technology (SIT). This collaboration encompasses joint research projects, double-degree programmes, and student and faculty exchanges, fostering deeper institutional ties and advancing the internationalization of education. Together, AGH University and SIT have **successfully completed five international research projects**, supported by esteemed organizations such as the EU, the Japan Society for the Promotion of Science, NAWA, NCN, and PAN. The 3E joint master's programme **has produced 22 graduates, with 30 students currently enrolled**. Additionally, **10 doctoral double degrees have been awarded**, and **more than 150 students have participated in exchange and internship programmes**, including Erasmus+. Our researchers have also made notable academic contributions, **publishing over 80 papers in prestigious journals listed in the Philadelphia List**. These accomplishments underscore our shared commitment to high-impact research and global academic collaboration.

KATAMARAN - Establishing and conducting joint second-cycle studies

*Preparation of a study programme related to dual diplomas for level 7 of the European
Qualifications Framework in the field of Energy and Environmental Engineering*



691,400 PLN
Approx. 27 million
JPY funding from
NAWA

**Joint Master
Degree
Programme 3E**

The programme is taught in English to prepare professionals for the global energy and environmental sectors. As a double-degree course with SIT, graduates earn a Master of Engineering from both institutions, offering a distinctive programme study in Poland.

28 June 2021

In collaboration with SIT, a joint master degree programme in Energy and Environmental Engineering was established.

02

February 2024

11 students of double-degree programme had successfully graduated



3E Programme Graduates in Frame



Strategic Partnership Programme

The Strategic Partnership Programme at AGH University has developed international cooperation in science, teaching and innovation through long-term partnerships with universities and research institutions. The programme supported the implementation of joint research and development projects, the exchange of students and academics, and the organisation of international conferences and workshops. As part of this programme, AGH University was able to realise:



STRATEGIC PARTNERSHIP Programme

Implementation of long-term research and teaching cooperation with Japan within the Energy and Environmental Engineering degree programme

1.7 Million PLN

equal to 66 million JPY

of the grant amount was funded by NAWA

**July 1, 2022 -
June 30, 2024**



FACULTY OF ENERGY
AND FUELS



Programme Output and Achievement



- **14** AGH University students visited SIT for a training programme, while **10** SIT students came to AGH University for an educational programme.
- **25** expert visits to AGH University for research & teaching cooperation
- **17** expert visits to SIT within the same framework
- **20** Energy & Environmental Engineering candidates traveled between SIT & AGH for scientific meetings
- A visiting professor from Delft University of Technology for 2-month at AGH University



4 Scientific Meetings



Academic & Resources

- **11** master's theses defended
- **16** scientific articles published
- Enhanced education with newly purchased teaching aids



- Scientific Summer School | Sept 10-28, 2022
- Winter Science School | Feb 9-21, 2023



- SIT-AGH University **Symposium on Energy & Environmental Engineering** | July 12-14, 2023 (SIT)
- **Eurotherm Seminar 118**: Hydrogen Energy Technologies | May 8-10, 2024

SPINAKEr - Intensive International Education Programmes

International School at AGH University

The programme supports the creation and implementation of intensive international education courses such as summer and winter schools, specialised courses, training and study visits. The programmes are conducted in foreign languages and can be delivered on-site, remotely or in a hybrid format. As a beneficiary, AGH University has carried out the following activities:

Second Edition of SPINAKEr at AGH University

Activities

- Global Recruitment – Development of regulations and foreign student enrollment.
- Comprehensive Learning – Creation of high-quality teaching materials.
- Expert Faculty Training – Academic tutoring workshops for educators.
- Hybrid Learning Experiences – Engaging Winter & Summer Schools

Main Subject Areas

- Energy Engineering & Sustainability
- Advanced Manufacturing & Automation
- Environmental Protection & Monitoring
- Groundwater Quality & Management
- Reverse Engineering & Rapid Prototyping
- Trenchless Technologies & Gas Pipeline Innovation

Participants

- Total of 68 participants, 4 from SIT (Japan)
- 8 lecturers lead 2 intensive courses where 1 lecturer is from Japan (Prof. A. Takasaki)



**Total Grant: 471,588 PLN,
approx. 18.2 million JPY**

First Edition of SPINAKEr at AGH University

Activities

- IVS Website – A dedicated hub for the Interactive Virtual School.
- E-Learning Integration – IVS section added to AGH University's platform.
- Digital Resources – Electronic materials for online education.
- Faculty Training – Mastering online teaching with UPeL.

Intensive International Education Programmes

- Fundamental Energy Problems
- Modern Trenchless Technology
- Regional & Historical geology
- Deep Sea Mining

Participants

- Total of 62 participants, 6 from SIT (Japan)
- Students and Doctoral Students from Japan, Nepal, Ukraine, and Vietnam
- 8 lecturers lead 4 intensive courses where 1 lecturer is from Japan (Prof. A. Takasaki)

**Total Grant: 82,688 PLN
approx. 3.2 million JPY**



Activities during the winter & summer school - SPINAKEP 1st & 2nd Edition

Partner Universities in the SPINAKEP Programme



20th Anniversary Celebrations of AGH University - SIT Cooperation

On May 8, 2024, AGH University and SIT commemorated the 20th anniversary of their partnership. This milestone event, attended by distinguished guests, including the Japanese Ambassador to Poland, Mr. Miyajima Akio, provided an opportunity to reflect on the achievements of both institutions and explore future directions for collaboration. A follow-up ceremony was held on November 5, 2024, at SIT, further commemorating the long-standing cooperation between the two institutions. The anniversary celebration underscored the continued commitment of AGH University and SIT to fostering academic excellence and promoting cultural exchange between Poland and Japan.



20 year of cooperation between AGH University and Shibauro Institute of Technology

Prof. Jerzy Lis,

Rector of AGH University of Krakow

"Our partnership was built on a shared vision and commitment, leading to remarkable achievements. Over the years, we have developed a strong network for academic exchange and research collaboration, enhancing education quality and driving innovative projects."

Prof. Masaomi Kimura

Director of International Programmes Centre, Shibaura Institute of Technology

“First of all, on behalf of Shibaura Institute of Technology (SIT), I would like to express my sincere appreciation for NAWA for providing such wonderful support through AGH University. SIT is delighted to continue our collaboration with AGH University of Krakow through the Welcomes You 2.0 Project. This partnership has created invaluable opportunities for cultural exchange and academic growth for our students, faculty, and staff members. We view this project as a vital step toward deepening mutual understanding between Poland and Japan. By facilitating joint research, cross-border academic initiatives, and student exchanges, this collaboration enables our students to experience an international perspective, enhancing their academic and professional aspirations. We are excited to see our partnership with AGH University of Krakow advance further and make meaningful contributions to global education.”



Prof. Hisaya Igarashi

*The Late Chairman of
the Board of Directors
Shibaura Institute of
Technology*

Honorary Consul of AGH
University of Krakow
Awarded on November
2017, Tokyo



**Prof. Akito Takasaki,
Dr.Eng., D.Sc.**

*Former Vice President of
Shibaura Institute of
Technology*

Honorary Consul of AGH
University of Krakow
Awarded on November
2017, Tokyo



**Prof. Kiyotaka
Matsuura**

*Professor at Hokkaido
University and AGH
University of Krakow*

Honorary Consul of AGH
University of Krakow
Awarded on June 2018,
Krakow



**Prof. Masato
Murakami**

*Former President of
Shibaura Institute of
Technology*

Honorary Consul of AGH
University of Krakow
Awarded on November
2024, Tokyo

AGH University Alumni Association in Tokyo

On 6 November 2024, AGH University of Krakow celebrated the inauguration of its Alumni Association in Japan, marking a significant step in strengthening academic and cultural ties between Poland and Japan. This milestone event was held under the honorary patronage of the Embassy of the Republic of Poland in Tokyo. The inauguration took place at the Polish Embassy in Tokyo.

The inaugural gathering brought together AGH University alumni, friends, and academic partners from both countries, creating an inspiring platform for networking, collaboration, and community building. Distinguished representatives from prestigious Japanese institutions, including Shibaura Institute of Technology, the University of Tokyo, Hokkaido University, Nagoya Institute of Technology, and Tohoku University, attended the event.



The Inauguration of AGH University Alumni Association in Japan, Tokyo, 6.11.2024

AGH University at Expo 2025 Osaka, Kansai



Thirteen Polish universities including AGH University will present their achievements at Expo 2025 in Osaka, which will begin on 13 April and last six months. This prestigious event will bring together participants from 161 countries and regions and 9 international organisations. The Polish pavilion, operating under the tag-line 'Poland. Heritage that fuels the future', will focus on promoting the country's scientific achievements and educational potential. The programme is organised by the National Agency for Academic Exchange (NAWA), which, through its 'Kierunek EXPO' initiative, supports international academic cooperation and popularises Polish higher education.

Among the key events will be the Polish Science Day, which will feature meetings between Polish and Japanese universities and a seminar entitled Study and Research in Poland. Polish universities will present innovative projects, including autonomous vehicles or space technologies. There will also be cultural accents, such as Chopin concerts and Polish language workshops. Leading Japanese universities, including the University of Tokyo, Waseda University and Osaka University, as well as the renowned think tank International Research Center for Japanese Studies, will participate in the Expo.

The project is entitled. 'Participation of the AGH University of Krakow in the International Scientific Event at the World Expo 2025 presentation of research cooperation with Japan in order to strengthen the recognition of Poland through the promotion of Polish science and higher education'.



↑ Poland Pavilion, World Expo 2025, Osaka, Kansai
Sources: <https://expo.gov.pl/>

AGH University projects activities during EXPO:

Showcasing AGH University Innovation: Solar Boat & Plane Workshops

22-26.04.2025

Barbara Hajduk
AGH University Solar Boat
Vice Team Leader

Damian Brzana
AGH University Solar Boat
Team Member

Przemysław Domagała
AGH University Solar Boat
Team Member

AGH University's Centre for International Affairs, alongside AGH Solar Plane and AGH Solar Boat student groups, will host hands-on workshops featuring unmanned aerial and autonomous boat models. Part of the Week of Polish Science and Education, this initiative is supported by NAWA's Welcome to Poland project.

.....→
Barka and Celka, AGH Solar Boat Team won 3rd overall place at 11th Monaco energy Boat Challenge, July 2024



Organization of scientific workshops at Hosei University in Tokyo and Kansai University in Osaka

14-15.06.2025

Polish - Japanese Symposium on Hydrogen Energy Technologies and Advanced Energy Systems

More Information:

02-05.07.2025

JASSO Study Abroad Fair 2025

Embassy of the Republic of Poland in Tokio

26.07.2025

Path to Professional Success

AGH University of Krakow is your gateway to a prosperous career and high earnings. Recognized as a leader in educating future millionaires, AGH University equips students with top-notch education and skills highly valued by employers. According to Polish Graduates Tracking System, AGH University's alumni earn an average of PLN 7,264. The university boasts impressive statistics:



AGH University: Path to Professional Success

68%

students work
before graduating

93% Employment Rate

were professionally active or start
their own business within six
months of graduation

79%

work in jobs aligned with their
education and 56% receive multiple
job offers with nearly 10% earning
salaries of PLN 6,500 net immediately
after graduation



Top Earners by Field of Study

7,927+ PLN

Computer Sciences

7,292+ PLN

Mining and Geology

5,000+ PLN

Automation and Robotics, Oil and Gas
Engineering, and Electronics and
Telecommunications



Company

Where most of our graduates work

COMARCH

Capgemini

NOKIA

Valeo

SIEMENS

• APTIV •

Alumni Profiles and Testimonies

Every year, more international students choose Poland for their academic journey, with many launching their future at AGH University of Krakow. A degree from AGH University opens doors to limitless opportunities—whether in research, academia, industry, business, or entrepreneurship, both in Poland and worldwide. No matter where their path leads, our graduates take with them cutting-edge knowledge, invaluable experience, and lifelong connections that shape their success.



Dr Eng. Yosuke Komatsu | **Project Research Associate at Institute of Industrial Science, The University of Tokyo**

President of AGH University Alumni Association in Tokyo, Former grantee of the Double Degree programme AGH University-SIT

"Studying at AGH University broadens your mind and brings new perspectives. In the beginning I had problems with language barrier, but taking the Polish classes and connecting with people, helped me to adapt and taught me the importance of the cross-culture approach. In Poland I appreciate the sense of community, the friendships that I made, and the beauty of the Polish culture and landscapes. Of course I miss a lot polish pierogi, schabowy, bigos, I cannot name all of them."

Dr Eng. Toko Tokunaga | **Assistant Professor, Nagoya Institute of Technology**

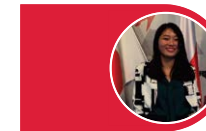
Department of Physical Engineering, Materials Functions Former grantee of the Double Degree programme between AGH University and Hokkaido University

"I am pleased to share my experience with the Double Degree programme between AGH University of Krakow and Hokkaido University. Throughout the programme, I received generous support from both institutions and warmly remember the kindness of the people in Krakow, from research colleagues to dormitory staff and neighbours. Beyond achieving research results, immersing myself in a different culture and forming friendships that embraced mutual understanding was invaluable. I wholeheartedly endorse this programme and encourage more students to seize this unique and enriching opportunity."



Irie Megumi | **Former grantee of the 3E programme**

"If you are wondering whether is it worth to study at AGH University, I strongly recommend you to try it. I have a lot of mottos, but one of them is "Do not miss the chance that is in front of you, it may never come back." So if you have any chance, in this case studying at AGH University, if you miss it, it will never come back so do not hesitate —just go for it!"



Tomohiro Kinoshita | **Employee at Shibaura Institute of Technology**

Former grantee of the 3E programme

"Master-level classes in English can be challenging for international students, but the support from friends, colleagues, and dedicated teachers makes it manageable. At AGH University, we study together, take exams side by side, and build lasting friendships. Living in the dormitory enriches this experience — it's a place where connections are easily made, meals are shared, and unforgettable memories are created. Studying at AGH University and living in the dormitory is a truly valuable and memorable experience."



Thank you!

Centre for International Affairs
@ AGH University of Krakow



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POLISH NATIONAL AGENCY
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