



UNIVERSITY
OF WARSAW

<http://en.uw.edu.pl>



Poland is the 7th largest country in Europe (population of 38 million people). It is the member of European Union and the Schengen Area. Whoever enters Poland may freely travel around all member states.



HIGHER EDUCATION INSTITUTIONS IN POLAND



- academic tradition in Poland goes back to the mid-14th century

The first Polish university was established in Krakow in 1364.

- 132 public Higher Education Institutions (HEIs)

classic universities, medical schools, universities of applied sciences, schools of economics, schools of agriculture, teacher training colleges, schools of fine arts, sports colleges, military colleges, ecclesiastical colleges, vocational college

- 1.3 million students
- 73 000 international students (long-term) from over 150 countries



Poland is a member of European Higher Education Area. Polish universities, as a participant in the EHEA and the Bologna Process, have introduced e.g. the three-cycle framework of higher education qualifications and the European Credit Transfer System.

WARSAW

– AN ACADEMIC CITY



- Capital city of Poland
 - 1.7 million inhabitants, 8.3 million tourists per year
 - 150 cinemas, theatres, music venues and museums, 80 parks, 450 kilometres of bike trails
- 15 public Higher Education Institutions (HEIs)
- 240 000 students per year (more than in Berlin or Prague)
- According to Nature: Warsaw is the country's main research hub and is becoming a hub of globally competitive science. ("Poland: Into the light", 2017)
- According to QS Best Student Cities 2018 Warsaw took 53rd place in the world. It receives a very high score in the affordability category thanks to its combination of low living costs and reasonable tuition fees.

The University of Warsaw was founded in 1816. It is the largest university in Poland and the best research centre in the country.



UW – FACTS AND FIGURES



- UW occupies 1st place in the national rankings of universities
- UW belongs to the top 3% of universities in the world
according to global rankings such as THE, QS and ARWU
- UW is among the „Nature” Rising Stars
3rd place among the institutions of South East Europe and 96th place worldwide in Nature Index
2016 Rising Stars
- UW was granted the “HR Excellence in Research” award
it is given by the European Commission and identifies the institutions that adopted the principles
of the European Charter for Researchers



HR EXCELLENCE IN RESEARCH



The University of Warsaw graduates have won 5 Nobel Prize awards:

- Nobel Prize in Literature: Henryk Sienkiewicz, Czesław Miłosz,
- Nobel Peace Prize: Menachem Begin, Joseph Rotblat,
- Nobel Prize in Economic Sciences: Leonid Hurwicz.

UNIVERSITY COMMUNITY

- 7 300 employees
 - 3 800 academic teachers
- 45 500 students
- 3 000 doctoral students
- 4 800 international students
and doctoral students
- 3 000 postgraduate students
- 10 000 graduates per year



21 FACULTIES

+ 30 ACADEMIC AND RESEARCH UNITS

Faculty of Applied Linguistics

Faculty of Applied Social
Sciences and Resocialisation

Faculty of “Artes Liberales”

Faculty of Biology

Faculty of Chemistry

Faculty of Economic Sciences

Faculty of Education

Faculty of Geography
and Regional Studies

Faculty of Geology

Faculty of History

Faculty of Journalism,
Information and Book Studies

Faculty of Law
and Administration

Faculty of Management

Faculty of Mathematics,
Informatics and Mechanics

Faculty of Modern Languages

Faculty of Oriental Studies

Faculty of Philosophy
and Sociology

Faculty of Physics

Faculty of Polish Studies

Faculty of Political Science
and International Studies

Faculty of Psychology

3 CAMPUSES IN WARSAW

University life is concentrated on three campuses:

- Main Campus
 - historic seat of the University
 - located in the heart of Warsaw – part of the city's flagship Royal Route
 - appreciated for its elegant architecture, dating back to 17th century
 - home to the humanities and social sciences, the UW authorities and central administration offices
- Ochota Campus
 - home to science and natural science
 - recently gained impressive new buildings, housing state-of-the-art laboratories
- Służewiec Campus
 - home to the Faculty of Management and a part of the Faculty of Applied Linguistics buildings, student dormitories

1ST, 2ND AND LONG CYCLE – UNIFORM MASTER'S STUDIES



- over 100 programmes in humanities, social, exact and natural sciences
- 26 English-language programmes
 - within the Polish-language programmes, 2 000 courses are taught in foreign languages
- 29 double degree programmes run by the UW and international partners
- Recognition of Prior Learning (RPL)
 - process for recognising knowledge, skills and competences that have come from experience or previous formal or informal learning; the recognition gained may considerably shorten the normal period of studying

26 ENGLISH-LANGUAGE PROGRAMMES

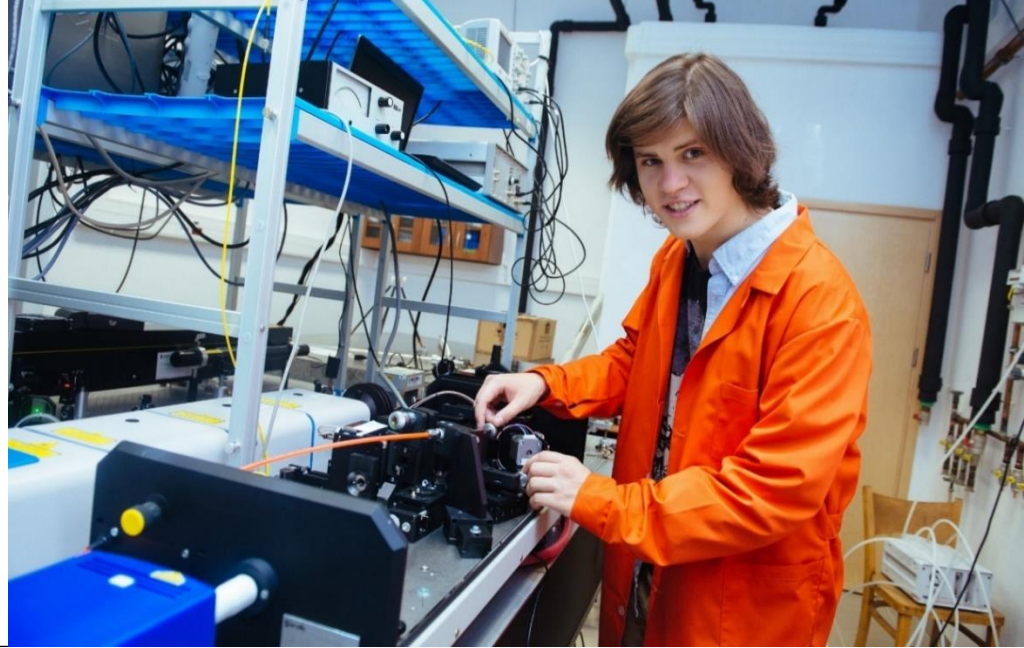
1st, 2nd and long cycle – uniform Master's studies

- American studies (1st, 2nd cycle)
- Archaeology (1st, 2nd cycle)
- Chemistry (2nd cycle)
- Economics – International Economics (2nd cycle)
- English Studies (1st, 2nd cycle)
- Environmental Management (2nd cycle)
- European Administration (2nd cycle)
- European Studies – European Integration (1st cycle)
- Finance, Investments and Accounting (1st cycle)
- Humanitarian Action (2nd cycle)
- Informatics and Econometrics – Data Science (2nd cycle)
- International Business Program (2nd cycle)
- International Relations (1st, 2nd cycle)
- Internal Security (1st, 2nd cycle)
- Journalism and Information Studies (1st cycle)
- Philosophy (1st cycle)
- Political Science (1st, 2nd cycle)
- Psychology (uniform Master's cycle)
- Quantitative Finance (2nd cycle)
- Teaching English to Young Learners (2nd cycle)

The University of Warsaw provides education which is a definite asset in the labour market. According to the monitoring of UW graduate careers, 94% of former students find employment within a year of graduation.



PhD PROGRAMMES, POSTGRADUATE PROGRAMMES AND COURSES



- 35 programmes of doctoral studies
- individual PhD programmes held in English
- co-tutelle agreements
 - a joint doctoral assessment process that leads to the conferment of a doctoral degree at UW and an equal degree at the foreign partner institution
- 145 postgraduate programmes (3 Master of Business Administration programmes)
- Open University courses

UNIVERSITY OF RESEARCH

- 3 800 academic teachers
750 professors
- 3 000 doctoral students
- 100 million euro research budget
 $\frac{1}{3}$ of the University budget
- 3 500 research topics
humanities, social, exact and natural sciences
interdisciplinary studies, including subjects
in medical or technical sciences
- 1 600 projects
financed from the national or international
research grants
- 7 000 publications per year



UW research centres are found not only in Poland. The astronomers observe the sky in the Las Campanas Observatory in Chile. The archeological research centre in Cairo has been in operation since 1959. In 2018, a new archaeological unit in Khartoum has been opened in Sudan.



INTERNATIONAL RESEARCH PROGRAMMES

- European Union funds

7th Framework Programme (2007-2013) – 32.5 million euro, 98 projects

Horizon 2020 (Framework Programme for Research and Innovation 2014-2020) – over 50 projects

- Other international subsidies

Polish-Swiss Research Programme, European Economic Area and Norway Grants, European Cooperation in the Field of Scientific and Technical Research (COST), European Space Agency, European Molecular Biology, Humanities in the European Research Area (HERA), European Organization for Nuclear Research (CERN), International Visegrad Fund Polish-German Science-Foundation, Chiang Chingkuo Foundation for International Scholarly Exchange

EUROPEAN RESEARCH COUNCIL GRANTS



- the most prestigious European grants competitions, financed from EU framework programmes (7th FP, Horizon 2020)
- 2007-2017 – scholars from UW have received 14 grants of the 28 grants given to all Polish institutions
- a wide range of research areas
 - algorithms, anthropology, archaeology, astronomy, cryptography, cultural studies, linguistics, logic, mathematical physics, sociology
- UW also participates in 2 projects financed by the ERC as an institutional partner, coordinated by the Polish Academy of Sciences and the University of Oxford.

EUROPEAN RESEARCH COUNCIL GRANTS



■ Starting Grant

2017 – Dr. Artur Obłuski (Polish Centre of Mediterranean Archaeology)

2016 – Dr. Marcin Pilipczuk (Faculty of Mathematics, Informatics and Mechanics)

2015 – Dr. Marek Cygan (Faculty of Mathematics, Informatics and Mechanics)

2013 – Dr. Piotr Sułkowski (Faculty of Physics)

2012 – Dr. Justyna Olko (Faculty of “Artes Liberales”)

2010 – Prof. Piotr Sankowski (Faculty of Mathematics, Informatics and Mechanics)

2009 – Dr. Natalia Letki (Faculty of Philosophy and Sociology)

2009 – Prof. Mikołaj Bojańczyk (Faculty of Mathematics, Informatics and Mechanics)

2007 – Prof. Stefan Dziembowski (Faculty of Mathematics, Informatics and Mechanics)

■ Consolidator Grant

2015 – Prof. Katarzyna Marciniak (Faculty of “Artes Liberales”)

2015 – Prof. Mikołaj Bojańczyk (Faculty of Mathematics, Informatics and Mechanics)

2017 – Prof. Piotr Sankowski (Faculty of Mathematics, Informatics and Mechanics)

■ Proof of Concept

2015 – Prof. Piotr Sankowski (Faculty of Mathematics, Informatics and Mechanics)

■ Advanced Grant

2009 – Prof. Andrzej Udalski (Faculty of Physics – Astronomical Observatory)



Over the last decade, thanks to EU funding, representatives of the exact and natural sciences have been equipped with laboratories facilitating research at the highest level. On the Ochota campus, two interdisciplinary centres have been built: the Centre of New Technologies and the Biological and Chemical Research Centre.

MULTIANNUAL DEVELOPMENT PLAN (2016-2025)



- adopted in November 2015 by the Polish government
- ca. 230 million euro
- a programme of change and modernisation in various university activities
- new facilities will be built and some existing buildings will be modernised



Multiannual development plan will allow UW to:

- foster research in the humanities and social sciences
- tighten up international cooperation and conduct ambitious interdisciplinary projects
- encourage international academic exchange
- develop cooperation within the social and economic environment
- create places devoted to the popularisation of science, training and expertise, as well as lifelong-learning centres

INTERNATIONAL COOPERATION



- 800 international partners
 - 420 universities in 73 countries that work together with the UW under bilateral agreements
- 100 international societies and research networks with UW as a member
- UW is the most active Polish university in academic exchange programmes
 - Erasmus+, Central European Exchange Program for University Studies, Deutscher Akademischer Austausch Dienst programmes, Polish-American Fulbright Commission programmes

INTERNATIONAL COOPERATION

– EXAMPLES

- associations of universities with UW as a member, e.g. :
 - European University Association (EUA)
 - Network of the Universities from the Capitals of Europe (UNICA)
 - Heads of University Management & Administration Network in Europe (HUMANE)
- 100 international societies and research networks with UW as a member, e.g. :
 - Inter-university Consortium for Political and Social Research (ICPSR)
 - International Migration, Integration and Social Cohesion (IMISCOE)
 - Research Network, Central & Eastern European Network of Indian Studies (CEENIS)
 - European Research Consortium for Informatics and Mathematics (ERCIM)
 - Global Biodiversity Information Facility (GBIF)
 - Digital Research Infrastructure for the Arts and Humanities (DARIAH-ERIC)
 - Global Universities Partnership on Environment and Sustainability (GUPES)
- UW is a member of research consortiums established for specific research projects, UW scholars participate in international research undertakings, e.g.:
 - Graphene Flagship
 - H.E.S.S., CTA, LIGO/VIRGO, Planck, Gaia, Araucaria (astronomy)
 - EIT Food – Knowledge and Innovation Community (KIC)
 - European Organization for Nuclear Research (CERN)
 - Next Generation Internet (NGI) – the initiative of the European Commission



2 International Research Agenda Units:

- ReMedy (Regenerative Mechanisms for Health) – a joint unit of the University of Warsaw and the University Medical Center Göttingen (2017)
- Centre of Quantum Optical Technologies – a joint unit of the University of Warsaw and the University of Oxford (2018)



In 2017, UW and the University of Cambridge have signed an agreement regarding the Cambridge Polish Studies. The programme will provide opportunities for research collaboration, as well as teaching in Polish language, literature and culture.



In 2018, the University of Warsaw, Sorbonne University, Charles University and Heidelberg University signed a declaration regarding the formation of 4EU, a European University Alliance. The alliance aims at strengthening cooperation in research, education and the mobility of researchers and students.

COOPERATION WITH BUSINESS PARTNERS



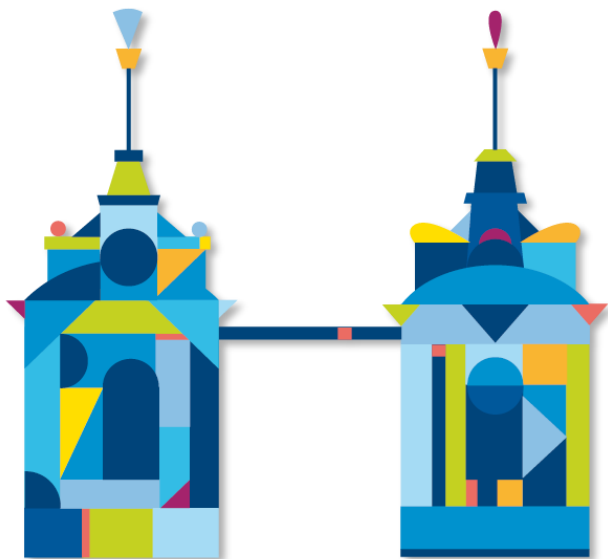
- 7 spin-off companies were set up at the UW
 - bioremediation, biodegradation, medical and veterinary diagnosis, genetics, satellite observations for forest economy and agriculture
 - RDLS, Warsaw Genomics, AmerLab, Spektrino, MIM Solutions, BACTrem, GeoPulse
- expert centres offering analytical, laboratory and computing services: Centre for Forensic Science, Centre for Political Analysis, Biological and Chemical Research Centre
- Digital Economy Lab
 - transdisciplinary research institute established in 2014 with the support of Google
 - platform for cooperation between academia, business and public institutions
 - social, economic and cultural meanings of digitalization
- Academic incubator – well-equipped facilities, expert support, individual mentoring, workshops and trainings



Warsaw Genomics, a start-up company of UW, has developed a cancer-risk assessment method which predicts the risk of getting cancer. The start-up has been recognised by Central European Startup Awards as the best biotech start-up in Poland. The “Badamygeny.pl” project, a screening programme for mutations in cancer-related genes, began in 2017.



A team of researchers from UW has been nominated for the European Inventor Award 2018 in the research category for their invention of “solving the mRNA instability issue for mRNA to DNA translation”. Their discovery paves the way for new therapies for cancers and inherited genetic diseases.



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