

20 years of  
THE UNIVERSITY  
OF ZIELONA GÓRA



UNIVERSITY OF ZIELONA GÓRA



# The University of Zielona Góra

[www.uz.zgora.pl](http://www.uz.zgora.pl)



The University of Zielona Góra belongs to the elite group of 19 classical Polish universities. Currently, there are 10,000 intramural and extramural students at the University in I and II-cycle programmes of study. In June 2021 UZ celebrated the 20th anniversary of its foundation. It is worth noting, however, that the academic community and traditions of the city go back to 1965.

The University is authorized to confer post-doctoral degrees in 7 areas (Astronomy; Automatics, Electronics and Electrical Engineering; History; Civil Engineering and Transportation; Mathematics; Biological Sciences; Physical Sciences) and doctoral degrees in 17 areas (Astronomy; Automatics, Electronics and Electrical Engineering; Philosophy; History; Technical Informatics and Telecommunications; Civil Engineering and Transportation; Mechanical Engineering;

Environmental Engineering, Mining and Power Engineering; Linguistics; Literature Studies; Mathematics; Biological Sciences; Physical Sciences; Political Science and Administration; Sociological Science; Management and Quality Science; Education).

The students of the University of Zielona Góra are offered I-cycle vocational (Bachelor degree and engineering) and II-cycle Master's degree studies, both intramural and extramural. They can pursue their interests and passions in over two hundred academic circles active at the University.

The University offers intramural doctoral studies in 16 disciplines in its two doctoral schools (UZ School of Humanities and Social Sciences and UZ School of Sciences and Technical Studies).

UZ Faculties and Collegium Medicum cooperate with the University's 28 institutes. As many as five of them are part of the Faculty of Humanities whereas the

Faculties of Mathematics, Computer Science and Econometrics, Biological Sciences and Law and Administration include one each.

Since 2002 the Senate of the University of Zielona Góra has conferred the title of doctor honoris causa to persons who have made a distinguished contribution to science, culture and society. So far 15 persons have been conferred this honorary degree.

# The new authorities of the University of Zielona Góra

On 01 September 2020 a 4-year term of office of the University new authorities - the Rector's and Vice Rectors' - commenced. In the elections (for the first time in the University's history held online) on 10 June 2020, prof. Wojciech Strzyżewski Ph.D. was elected the Rector for the 2020-2024 term.



His Magnificence Rector  
prof. **Wojciech Strzyżewski** Ph.D.

In accordance with the new Law on Higher Education and Science, Vice Rectors are no longer elected by the Electoral College, but designated by the Rector himself. According to the University Statutes, the Senate then expresses its opinion on the Rector's designees. Prof. W. Strzyżewski announced that in this term the following persons will perform the Vice Rectors' duties:



Vice Rector for Science and International Cooperation  
UZ prof. **Marcin Mrugalski**  
Ph.D. Eng.



Vice Rector for Student Affairs  
UZ prof. **Barbara Literska**  
Ph.D.



Vice Rector for Quality of Education  
prof. **Magdalena Graczyk**  
Ph.D. Eng.



Vice Rector  
for Cooperation with Business  
UZ prof. **Maria Mrówczyńska**  
Ph.D. Eng.



Vice Rector  
for Development and Finance  
UZ prof. **Andrzej Pieczyński**  
Ph.D. Eng.



Vice Rector  
for Collegium Medicum  
prof. **Maciej Zabel**  
MD Ph.D.

All the Rector's designees received a positive opinion of the UZ Senate.

# The University of Zielona Góra

## The mission of the University of Zielona Góra

The mission of the University of Zielona Góra is to create a knowledge-based society and form social capital as the common good conducive to the effectiveness of efforts aimed at developing the region, economy and society; to provide high-quality education and prepare qualified staff whose intellectual competence contributes to the economic development and build-

ing social capital; to shape citizens open to change, tolerant and able to function in the global world; to conduct research at a high, international level; to foster cooperation within the social and economic environment in the area of knowledge transfer, new technologies and the implementation of innovative undertakings; to foster intramural, interuniversity and international cooperation conducive to finding new solutions; to enrich the culture and strengthen the regional identity of Lubusz Voivodeship inhabitants; to develop UZ as a modern, interdisciplinary, compact University closely linked to the city of Zielona Góra and making its contribution to the social and economic development of both Lubusz Voivodeship and the whole country.

## The development vision of the University of Zielona Góra

The University of Zielona Góra will be the centre for the creation and transfer of knowledge and innovation in the region, thus contributing to the development of information society ready to meet the

challenges of Industry 4.0, which is based on digitalization and information technology. It will also be an opinion- and culture-forming centre, but above all it will be an attractive place to acquire knowledge and new-technology skills, which will enable the graduates to function effectively on the domestic and European labour market. Scientists will conduct pioneering research at the highest, international level, thus contributing to the improved quality of life of societies and to the elimination of civilization threats. By systematic building and developing of intellectual capital and creating a value network through cooperation with the social and economic environment, UZ will belong to the group of the best regional universities in Poland.

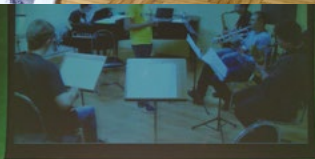


# The Faculty of Arts

(intramural studies)

[www.wa.uz.zgora.pl](http://www.wa.uz.zgora.pl)

- Interior Design
- Arts Education in Musical Art
- Graphics
- Jazz and Pop Music
- Painting
- Visual Arts



**The Faculty of Arts** was founded in 1999 and integrated Zielona Góra academic art community, which has a long tradition (in music since 1971 and in visual arts since 1991) and significant achievements. For twenty years it was an independent academic unit, twice ranking in the highest category (category I in the group of homogeneous units N2 'the Science of Art' in 2006; category A in the group of homogeneous units N14 'the Fields of Art' in 2010). Due to the higher education reform in Poland, since 1 October 2019 the Faculty has become a teaching unit cooperating with the Institute of Music and the Institute of Visual Arts.

The academic staff in visual arts and art conservation (painting, sculpture, graphic techniques and graphic design, photography, inter-media, industrial and interior design) display their works at national and international, solo and group, exhibitions, in prestigious art collections and gain appreciation at international contemporary art competitions. The academic teachers in musical arts (composition and the theory of music, conducting, instrumental studies, vocal arts) boast achievements in both classical and jazz music (outstanding compositions, concerts and music recordings). The Faculty's academic contribution also includes numerous publications on musicology and the history of art.

In the academic year 2020/2021 there were 229 students at the Faculty. The students can pursue their artistic and academic passions in the academic circles, art galleries, and at universities in Poland (MOST programme) and abroad. The Facul-

ty participates in Erasmus+ student exchange programme, with universities in Italy, Lithuania, the Czech Republic, France, Portugal, Slovakia, and Turkey.

**The Faculty of Art is a place for sensitive and creative people.** This is confirmed by the awards won by our students and graduates at international composing and conducting competitions, numerous concerts, music recordings and the participation in television programmes (The Voice of Poland, Clash of the Choirs, Must be the Music). The Faculty's high standard of teaching has been confirmed by our students' and graduates' successes, including two first prizes in the 'Image of the Year' competition, a nomination to the 'Passport' award by 'Polityka' magazine, the Grand Prix award in E. Geppert Young Polish Painters Competition, The Best Diploma Work in Graphics, the participation in the post-competition exhibition of the Grand Prix of Young Polish Graphics in Kraków, Katarzyna Kobro Award, 'Transgrafia' at the International Graphics Triennale in Kraków, the International Student Drawing Exhibition held by the Fine Arts Department of the University of Toruń.

The Faculty's students are also among the scholarship recipients of the Minister of Science and Higher Education for outstanding academic and artistic achievements.

# The Faculty of Civil Engineering, Architecture and Environmental Engineering

[www.wbais.uz.zgora.pl](http://www.wbais.uz.zgora.pl)

- Architecture
- Civil Engineering
- Geoinformatics and Satellite Techniques
- Environmental Engineering
- Municipal Services Management



## The Faculty of Civil Engineering, Architecture and Environmental Engi- neering

is one of the oldest faculties of the University of Zielona Góra. Since 1968 it has offered a programme of study in Civil Engineering and since 1977 in Environmental Engineering. The third major, Architecture and Urban Planning (now Architecture), was established in 2008. The Faculty consists of three Institutes: Civil Engineering, Environmental Engineering, Architecture and Urban Planning, and offers I and II cycle education in Civil Engineering, Environmental Engineering, Architecture and Urban Planning. The Faculty's educational offer includes also Geoinformatics and Satellite Techniques (I cycle studies). In the academic year 2020/2021 there were 623 students at the Faculty.

The Faculty is located on Campus A, in a modern, excellently equipped University building, which was opened in 2007. Students study in comfortable rooms, computer or experiment laboratories, all very well equipped with modern equipment and software.





# The Faculty of Economics and Management

[www.wez.uz.zgora.pl](http://www.wez.uz.zgora.pl)

- National Security
- Economics
- Logistics
- Management



**The Faculty of Economics and Management** is the University's biggest Faculty. In the academic year 2020/2021 over 1762 students pursued their intramural and extramural studies in the four highly popular fields of study. The Faculty's graduates enjoy high reputation with employers and are quite frequently offered high managerial positions.

**The Faculty cooperates with the Institute of Economics and Finance and the Institute of Management and Quality Science.** The high quality of teaching is ensured by a large teaching staff supported by practitioners and foreign lecturers. The Faculty cooperates closely with academic centres abroad, which allows the students to complete part of their studies at universities in other countries. They can also pursue their passions and academic interests in 12 academic circles. Their members take active part in conferences, seminars,

training courses, study visits, academic and artistic events, conduct their own research and are co-authors of research papers and scientific publications. The Faculty's students are also involved in implementation projects, hold meetings with noted representatives of business and politics, do volunteer work, and participate actively in all-university projects. In the years 2016/2017 – 2019/2020 fifteen of our students, members of the 'Eco-Management' Academic Circle and 'LOGUZ' Logistics Academic Circle, were granted scholarships by the Minister of Science and Higher Education for outstanding academic achievements.

Lectures and classes are conducted with the use of modern teaching methods and IT infrastructure. Some lectures, classes, laboratories, projects and seminars are also available via e-learning and in English.

<http://www.wez.uz.zgora.pl>



<https://www.facebook.com/wezuz>



# The Faculty of Physics and Astronomy

(intramural studies only)

[www.wfa.uz.zgora.pl](http://www.wfa.uz.zgora.pl)

- Astronomy
- Physics
- Medical Physics



In 2017, by the decision of the Committee for Evaluation of Scientific Units the **Faculty of Physics and Astronomy** was granted category A and is at the forefront of similar scientific institutions in Poland. **Thanks to the academic potential of its staff, the Faculty is authorized to confer post-doctoral and Ph.D. degrees in Physics and Astronomy.** For years the major of Physics has held a leading position in the ranking organized by **Perspektywy** Education Foundation.

The Professor Janusz Gil **Institute of Astronomy** conducts research in the areas of the physics of pulsar and magnetar radiation, the structure of the interstellar medium and its impact on the scattering of the radio signal, the astrophysics of gravitational waves, plasma physics in the Solar System as well as contemporary celestial mechanics. As part of the Polish POLFAR consortium, the

Institute is involved in the development of modern research infrastructure in radio astronomy - the International LOFAR Telescope station. Also, as part of the Astronomy Science Centre in Tenerife, the Institute is involved in the construction of the biggest public telescope in the world. Students of Astronomy will have an opportunity to learn the observational techniques with the use of the most advanced telescopes and radio-telescopes located in Poland and on the Canary Islands.

The **Institute of Physics** conducts research in the area of both experimental and theoretical physics: EPR and FMR spectroscopy, modern functional materials and nanomaterials, the electro plasma physics, the symmetry of the micro-world, quantum optics, quantum informatics, the physics of magnetism, the mathematical methods of physics, analytical mechanics and non-linear systems, and high-energy astrophysics.

In the field of Physics the following specializations are offered: Teaching (new!), Computational Physics and Theoretical

Physics. The students of Medical Physics, during practical classes (also in the new dosimetry laboratory) at K. Marcinkowski University Hospital in Zielona Góra, have a Medical Physics laboratory at their disposal and are offered the opportunity to become acquainted with the latest medical equipment.

I and II-cycle students participating in scientific projects do research in centres around the world. Their efforts result not only in numerous publications but also in proficient equipment operating and programming as well as acquiring the ability to analyze data of various types. This translates into the possibility of finding employment at the best scientific institutes or wherever problem-solving involves advanced methods of analysis and synthesis.

As part of a ministerial program, the Faculty of Physics and Astronomy working with the Faculty of Mechanical Engineering - under the academic supervision of **UZ prof. Mirosław Dudka Ph.D.** of our Faculty - are carrying out the project 'The Engineering Laboratory for Materials Testing'. In the years 2019-2022 this project will receive co-financing from the Ministry of Science and Higher Education in the amount of 12 million PLN - of which 8.5 million will be allocated for the purchase of the latest research equipment.

# The Faculty of Humanities

[www.wh.uz.zgora.pl](http://www.wh.uz.zgora.pl)

- Coaching and Philosophical Counselling
- Journalism and Social Communication
- English Philology
- French Philology with Romance as a second language
- German Philology
- Polish Philology
- Russian Philology
- Philosophy
- History
- Cultural Studies
- Popular Literature and Game Worlds Creations

**The Faculty of Humanities** is one of the biggest faculties of the University of Zielona Góra. Nearly nine hundred students pursue intramural or extramural BA and MA programmes of study.

Doctoral Ph.D. students are completing the third cycle of tertiary education in Literary Studies, Linguistics, History and Philology. Under the Law on Higher Education and Science, which entered into force on 1 October 2018, however, the doctoral studies have been closed down and replaced with University doctoral schools.

In the process of education, 130 academic teachers, including 42 Ph.D. hab. [post-doctoral degree] holders and 17 titular professors, exercise teaching and scientific supervision over the students.

**There are five Institutes within the Faculty: German Philology, Polish Philology, Philosophy, History, and Neophilology.**

The Faculty boasts advanced research and teaching infrastructure, concentrated in several buildings on Campus B at 69

Wojska Polskiego Ave. The students have modern lecture halls and multimedia rooms at their disposal. They also have free access to wireless broadband Internet. All premises and passageways at the Faculty are adapted to the needs of people with disabilities. The Faculty also boasts the recently-built modern University Library, whose resources exceed one and a half million volumes (it is the largest collection of volumes on Polish soil west of Poznań and Wrocław).

The Faculty cooperates closely with universities abroad, including Germany, Russia, the Czech Republic and Hungary. Thanks to the ERASMUS+ programme and bilateral agreements our students do internships in a number of European countries.



# The Faculty of Computer Science, Electrical Engineering and Automatics

[www.wiea.uz.zgora.pl](http://www.wiea.uz.zgora.pl)

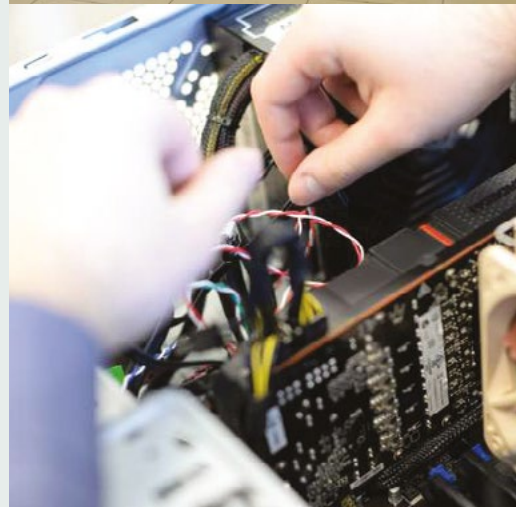
- Automatics and Robotics
- Electronic Business
- Electrical Engineering
- Computer Science



The **Faculty of Computer Science, Electrical Engineering and Automatics** is one of the oldest and the most modern Faculties at the University of Zielona Góra. The high standard of education offered by the Faculty was recognized by the Polish Accreditation Committee, which distinguished the major of Computer Science in May 2011. In the process of education the Faculty cooperates with three Institutes: Control and IT Systems, Metrology, Electronics and Computer Science and Automatics, Electronics and Electrical Engineering. The Institutes employ 27 titular professors, 35 Ph.D. hab. [postdoctoral degree] holders and 10 MSc degree holders. The Faculty's staff participate in numerous EU-funded IT training courses, which ensures that our students receive education in the latest technologies. In the academic year 2010/2021 almost 1,300 students pursued their studies at the Faculty.

Teaching is done with the use of modern laboratory facilities equipped with high-quality equipment in the field of automatics, electronic business, electrical engineering, and computer science. In 2019, after a thorough renovation, the former university canteen was converted into modern laboratories for electrical engineering.

As part of its cooperation with industry, the Faculty hosts the following firm academies: MetaPack, Perceptus, ADB, Cisco, Siemens. The Student Scientific Circles active at the Faculty are supported by business partners (Cinkciarz.pl, ADB, Perceptus).



# The Faculty of Medicine and Health Sciences Collegium Medicum

[www.cm.uz.zgora.pl](http://www.cm.uz.zgora.pl)

- Medicine
- Nursing
- Emergency Medical Services



**Collegium Medicum** is the University's youngest unit. The establishment of Medicine as a field of study was a joint initiative of UZ, the local self-government authorities of Lubusz Voivodeship and the municipal authorities. On 29 March 2010 the former UZ Rector appointed a team of experts to include medical sciences as part of the University's educational offer. After 5 years of determined effort, on 19 May 2015, the former Minister of Science and Higher Education authorized the Faculty of Education, Sociology and Health Sciences to provide practical uniform MD studies in Medicine. On 24 June 2015 the Senate of the University of Zielona Góra adopted a resolution on the separation from the Faculty of Education, Sociology and Health Sciences of the following: the Chair of Internal Medicine, the Department of Nursing, and the Chair of Physical Education, and on the establishment on 1 October 2015 of the Faculty of Medicine and Health Sciences. On 2 October 2019, by the decision of the UZ Senate, the Faculty of Medicine and Health Sciences was renamed as Collegium Medicum. Two Institutes were established as part of its



new structure: the Institute of Medical Sciences and the Institute of Health Sciences.

In the academic year 2020/2021 the following numbers of students studied at the Faculty: the general academic practical uniform MD studies in Medicine (intramural and extramural studies) - 510 students, I and II-cycle practical studies in Nursing (intramural) - 235 students, I-cycle studies in Emergency Medical Services (intramural and extramural) - 77 students. Since January 2019 education in Nursing has also been provided in the Mono-profile Medical Simulation Centre and on 4 February 2021 the Multi-profile Medical Simulation Centre, intended for students of Medicine, started its operation.

# The Faculty of Mathematics, Computer Science and Econometrics

(intramural studies only)

[www.wmie.uz.zgora.pl](http://www.wmie.uz.zgora.pl)

- Computer Science and Econometrics
- Data Engineering
- Mathematics



The **Faculty of Mathematics, Computer Science and Econometrics** offers I and II cycle studies in Mathematics, Computer Science and Econometrics as well as engineering and MSc studies in Data Engineering (the first such major in Poland). In the process of education the Faculty cooperates with the Institute of Mathematics. Mathematics is also offered as a field of study for doctoral studies at UZ Doctoral School of Sciences and Technical Studies. In recognition of the high standard of education offered in all majors and at

all levels, the Faculty was given a positive institutional evaluation by the former State Accreditation Committee (currently the Polish Accreditation Committee) in May 2011. The Faculty's students can pursue their interests in student academic circles. Under the ERASMUS+ programme they can also complete part of their studies at universities abroad, in Greece, Spain, Germany, Portugal, Turkey and Hungary. The Faculty also hosts visiting professors from foreign partner universities, who give some lectures in English.

The academic staff who conduct teaching at the Faculty are employed at the Institute of Mathematics, which is a high-ranking academic institution. Due to this, the University is authorized to confer Ph.D. and Ph.D. hab. [post-doctoral] degrees in Mathematics. The Institute of Mathematics also ranks among the best economic institutions in Poland (<http://ideas.repec.org/top/top.poland.html>).

The Institute of Mathematics houses the Centre For Applied Mathematics and Informatics, which promotes interdisciplinary cooperation in solving real-life problems with

the use of advanced mathematical methods and information technology. The Faculty cooperates with a number of firms operating in business environment and the IT sector, which enables students to do their internships, participate in free training courses, and complete diploma and research projects.

The Faculty is located in a modern building which ensures very good working and studying conditions. The entire building is accessible to people with motor disability and the air-conditioned lecture theatres are equipped with induction loops enabling people with hearing loss to participate in the lectures.

Candidates for students are welcome to visit the Faculty's website: <https://www.wmie.uz.zgora.pl/rekrutacja/>.

For our graduates' opinions and their further professional careers please see this website: <http://www.wmie.uz.zgora.pl/rozne/absolvenci/>.



# The Faculty of Mechanical Engineering

[www.wm.uz.zgora.pl](http://www.wm.uz.zgora.pl)

- Occupational Safety and Health
- Biomedical Engineering
- Mechanical Engineering and Machine Construction
- Production Management and Engineering



The mission of the **Faculty of Mechanical Engineering** of the University of Zielona Góra is to exert influence on the local, national and European community by:

- educating highly qualified technical staff in mechanical engineering, production engineering, biomedical engineering and work environment management,
- developing technology, conducting advanced scientific research and developmental work in order to increase the region's and the country's economic potential,
- acquire new knowledge in the above areas, followed by its commercialization and practical implementation.

The Faculty employs highly qualified academic staff and co-operates with academic centres in Poland and abroad. As a regional leader in scientific research and education in the areas of mechanical, material, biomedical engineering, management and production engineering, and work environment engineering, the Faculty educates competent and knowledgeable



ble technical staff, characterized by the capacity for analytical thinking, creativity or professional ethics. Thanks to its research and educational activity, the Faculty popularizes modern design, technological, educational, organizational and social solutions. The Faculty offers services ranging from the innovative application of theoretical knowledge of mechanical engineering, biomedical engineering, organization and management to sociological and social expertise, which is of particular use in both individual and team work.

The Faculty offers four majors and 11 specializations, including a new one - aircraft mechanics, where the process of education is conducted jointly by the Faculty and the Lubusz Region Aeroclub.

For more detailed information on the offered majors and specializations please see this website: <https://www.wm.uz.zgora.pl/index.php/studia/kierunki>.

The Faculty's graduates rank among the highest-paid ones in Poland:

<https://www.infoserwis.uz.zgora.pl/index.php?absolwenci-wydzialu-mechanicznego-uz-w-czolowce-najlepiej-zarabiajacych-w-polsce>.

# The Faculty of Biological Sciences

[www.wnb.uz.zgora.pl](http://www.wnb.uz.zgora.pl)

- Biology
- Biomonitoring and Environmental Management
- Biotechnology
- Environment Protection
- Tourism and Recreation
- Physical Education

The **Faculty of Biological Sciences** (WNB) was established in 2007. Teaching is done by the academic staff of the Institute of Biological Sciences, which comprises five departments: Biotechnology, Botany and Ecology, Nature Conservation, Sport, Tourism and Health Promotion, and Zoology. The Institute also includes the Botanical Garden and 'the Bird Asylum'.

All classes are conducted in modern lecture halls and laboratories situated on Campus A.

Students have the opportunity to participate in numerous study trips and meetings with practitioners in various sectors of economy.

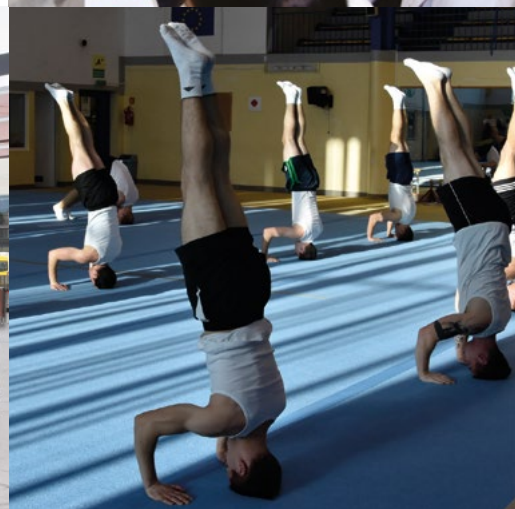
Moreover, students of Physical Education use the University's sports facilities and the university stadium as well as the modern facilities of the Town Sports and Recreation Centre.



Students pursue their interests by carrying out projects in the academic circles active at the Faculty.

The Faculty of Biological Sciences is a dynamically developing unit, whose fields of study correspond to the areas of research work done by its staff. Lately, the Faculty has broadened its educational offer and expanded and modernized its teaching and research facilities.

The Faculty is characterized by friendly atmosphere resulting from the direct relationship between teachers and students.





# The Faculty of Social Sciences

[www.wns.uz.zgora.pl](http://www.wns.uz.zgora.pl)

- Art Therapy
- Education
- Pre-primary and Early Primary Education
- Special Education
- Political Science
- Social Work
- Psychology
- Sociology

In the academic year 2020/2021 nearly 1,500 students studied at what was then the **Faculty of Education, Psychology and Sociology**, now renamed as the Faculty of Social Sciences, two thirds of whom were intramural students. Until September 2020 over 37,500 students received their graduation diplomas. The Faculty comprises four Institutes: Political Sciences and Administration, Education, Psychology and Sociology.

The Faculty offers I-cycle, II-cycle and uniform MA programmes of study. Its educational offer includes eight majors (Art Therapy, Education, Pre-primary and Early Primary Education, Special Education, Political Science, Social Work, Psychology, and Sociology). Recruitment for Education is for the major field of study, specialization to be chosen by students at a later stage. The Faculty's graduates can also continue their education at postgraduate studies.



Students can pursue their passions and interests in the academic circles active at the Faculty. Students' creativity frequently serves as inspiration to undertake actions for the benefit of both the University and the local community. Thanks to their creativity the Faculty excels in the number of winners of national and international competitions and festivals.



# The Faculty of Law and Administration

[www.wpa.uz.zgora.pl](http://www.wpa.uz.zgora.pl)

- Administration
- Law



The Faculty was established in 2014 and at present is located in a historic, restored and well-equipped building in the proximity of local courts. Teaching is done by experienced academic staff representing all areas of jurisprudence, who belong to six specialized departments. Many of them are legal practitioners, so students can benefit from their expertise and practical experience.

The programme of study in Law prepares students to practise all legal professions after passing state bar apprenticeship examinations for judges, prosecutors, barristers, solicitors, notaries, bailiffs and legislators.

The programme of study in Administration aims to prepare students comprehensively for work in state, business and self-government administration as well as to perform managerial duties in state institutions and private firms. Directly after graduating, they are well-equipped to work

in state and self-government institutions as well as in private enterprises. They have also been well-prepared to continue their professional development through apprenticeships, in doctoral schools or on post-graduate studies at universities across the country.

Classes are conducted with the use of modern teaching techniques, with particular stress laid on practical application of law. This is accomplished thanks to specialized curricula and student internships in courts, prosecutors' offices, law firms and other offices. A number of academic circles and

close cooperation with ELSA (The European Law Students' Association) enable students to broaden their knowledge, develop professional skills and spend time in a group of enthusiasts.

The Faculty's offer also includes postgraduate studies in: human resource and payroll, commercial and fiscal penal law, taxes and tax proceedings, employment law and occupational psychology, public procurement, and public-private partnership.



# The UZ Branch Faculty in Sulechów

(I-cycle practical studies)

[www.wzs.uz.zgora.pl](http://www.wzs.uz.zgora.pl)

- Power Engineering
- Nutrition and Diet Therapy



**The UZ Branch Faculty in Sulechów** was established as a merger of the University of Zielona Góra and the State Higher Vocation School in Sulechów (existing since 1998).

The Faculty offers interdisciplinary courses that combine three elements: **science, business and practice.**

All fields of study have been established in response to employers' needs and reflect the current situation on the labour market.

The UZ Branch Faculty in Sulechów distinguishes oneself by placing particular stress on practical training. Cooperation with business, industry and administration is an integral aspect of the process of education, as is the system of internships (minimum 3 months long, adapted to the market needs and students' interests).

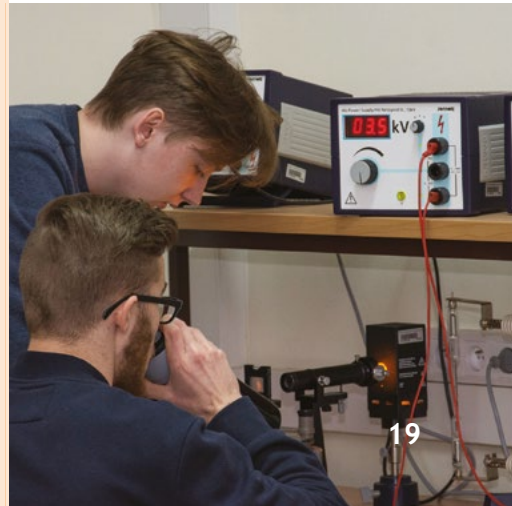
The Faculty educates:

- **future business owners** who are familiar with the prospects, specifics, possibilities and mechanisms of managing a business in particular sectors of economy, possess specialist certificates and understand market behaviour,
- **entrepreneurs** who are proficient at implementing their business concepts and ideas in practice, able to operate in business or local government environment, ready to cooperate, negotiate and good at decision-making,
- **engineers** who are familiar with the latest technology.

The Faculty offers excellent sports and social facilities and provides financial support for students, which enables young people to fully develop their skills.

**Why is it worth studying at the UZ Branch Faculty in Sulechów?**

Because courses are conducted by highly experienced and qualified teaching staff, including practitioners in particular sectors of economy. The Faculty hosts meetings with business leaders in particular branches and some classes are held in firms, which allows students to gain practical and organizational knowledge. The Faculty offers a system of internships adapted to the actual needs and problems of businesses, with students' diploma papers frequently addressing companies' specific needs, which then results in the students' employment therein. The Faculty also offers modern laboratory facilities.



# Ph.D. student education at UZ

[www.sd.uz.zgora.pl](http://www.sd.uz.zgora.pl)



The former third-cycle doctoral studies have been replaced with doctoral schools. The new model of doctoral education is an important element of the currently introduced reform of the system of higher education and science.

Doctoral schools provide substantive, financial and organizational conditions for doctoral candidates to conduct their personal research plans. They prepare them to obtain the Ph.D. degree and do scientific and research work.

## **Two doctoral schools have been established at the University of Zielona Góra:**

UZ Doctoral School of Humanities and Social Sciences offers doctoral education in seven disciplines:

- Philosophy
- History
- Linguistics
- Literary Studies
- Political Science and Administration
- Management and Quality Science
- Education

**UZ Doctoral School of Sciences and Technical Studies** offers doctoral education in nine disciplines:

- Astronomy
- Automatics, Electronics and Electrical Engineering
- Technical Informatics and Telecommunications
- Civil Engineering and Transportation
- Mechanical Engineering
- Environmental Engineering, Mining and Power Engineering
- Mathematics
- Biological Sciences
- Physical Sciences

UZ Doctoral Schools are the right place for people with scientific interests and equipped for research work. II-cycle study graduates have the opportunity for further education at either UZ Doctoral School of Sciences and Technical Studies or at UZ Doctoral School of Humanities and Social Sciences.



# The University Library

[www.bu.uz.zgora.pl](http://www.bu.uz.zgora.pl)



**The library of the University of Zielona Góra** is the largest academic library in Lubusz Voivodeship.

It is a modern centre of educational resources and scientific information. It serves the academic teachers, the students and the inhabitants of the city and the region. The library holdings cover all the fields of study offered by the University. The Library provides easy access to the most important national and global scientific resources and information services. The readers can not only make use of the 900,000 traditional printed holdings but also of 4,000,000 electronic network resources, including prestigious journals and scientific books. The Library also holds valuable special collections (manuscripts, early printed books, cartographic and graphic documents), music and audiovisual collections, ephemera collections, technical literature, norms and patents. The collection of the Regional Centre For Norm and Patent Information is one of the largest in Lubusz Voivodeship.

This modern, multifunctional building of interesting architecture offers its users friendly and diverse spaces to work, meet, rest and

experience art. The building has been adapted to the needs of people with disabilities and allows for direct contact of all readers with the holdings. The readers can make use of computer workstations, multimedia and teaching rooms, booths for individual and group work, reading rooms for periodicals and special collections, a multimedia library, and an art gallery. They also find it convenient to use the high-tech computerized self-service lending and return desks.

The UZ Library also houses Zielona Góra **Digital Library**, which provides broad remote access to various sources of knowledge, educational resources, digital copies of the most valuable monuments of writing, art collections and regional materials. It also offers a separate collection for blind persons. The University's staff's academic publications are registered in the bibliographic database and the university repository. The library also manages two art galleries and hosts exhibitions of contemporary art.



# The Career Office

[www.bk.uz.zgora.pl](http://www.bk.uz.zgora.pl)

The main aim of the Careers Office is to help students and graduates with their choice of career by fostering cooperation with employers, familiarizing candidates with job seeking techniques and the recruitment standards as well as notifying them of the opportunities to upgrade and broaden their professional skills. The Careers Office hosts firm presentations, meetings and promotional events to do with the labour market. It is also engaged in student apprenticeships and internships. Moreover,

the Office monitors UZ graduates' professional careers and coordinates the efforts of the University's other organizational units in this area. Business presentations, seminars and job fairs organized by the Office consolidate local employers with the students - they serve as a bridge between the University and its students on the one hand and the labour market on the other.

In addition, the Office runs information and consultation campaigns promoting entrepreneurship, flexible forms of employment and self-employment. It organizes workshops and training courses. It holds university events during the National Careers Week, the Global Entrepreneurship Week, the Volunteering Days and the Career Game. The regularly held meetings with specialists known as, 'Do not break your leg on your way to a career - the basic information for first-time employees' have become the Office's tradition. By cooperating with the Careers Office students gain the knowledge necessary to safely enter the labour market and to develop their soft skills: communication, team work, analytical thinking, fast decision-making etc.



# ERASMUS+, MOST, MOSTECH

[www.erasmus.uz.zgora.pl](http://www.erasmus.uz.zgora.pl)

[www.most.amu.edu.pl](http://www.most.amu.edu.pl)

[www.kaut.agh.edu.pl/mostech](http://www.kaut.agh.edu.pl/mostech)

[www.dk.uz.zgora.pl/most\\_mostech.php](http://www.dk.uz.zgora.pl/most_mostech.php)



All programmes of study at UZ are consistent with the principles of flexible system of education and are based on the **European Credit Transfer System (ECTS)**. Thanks to the credit transfer, students can complete part of their studies at other universities in Poland and abroad, or follow their II or III-cycle studies in a field other than their already completed studies.

The MOST and MOSTECH programmes enable students of the University of Zielona Góra to complete one or two semesters of their studies at another Polish university. The MOST programme is intended for students of humanities and several technical specializations, whereas the MOSTECH programme is directed only to students of technical majors.

Every year the University prepares a wide offer of specializations and universities for I cycle, II cycle, uniform Master's studies and doctoral PhD students.

Students and doctoral candidates can benefit from the ERASMUS+ grant program, co-financed from the EU means, and pur-

sue their studies for one or two semesters abroad as well as complete their internships in firms and institutions abroad. Students with disabilities or with limited material resources who go on student exchange programmes are offered additional support from the POWER fund. ERASMUS+ also allows for the co-financing of the so-called 'double degree' scheme trips (to Germany, Lithuania and Ukraine). The offer is also addressed to the academic staff, who can do teaching at a partner university or go on a training visit. **Within the framework of the ERASMUS+ programme UZ cooperates with nearly 170 partners in the European Union and countries outside (including Turkey, the Republic of North Macedonia, Serbia, Russia, Ukraine, Georgia, Belarus, Bosnia and Hercegovina, Montenegro, Albania, China, and Vietnam).** Every year, as part of the international exchange programme, UZ hosts students and academic staff from around the world.



# Grants, halls of residence, people with disabilities



Students may apply for various forms of financial support. These include social grants, grants for disabled students, Rector's scholarships, financial aid, grants by the Minister of Science and Higher Education for outstanding achievements, and Rector's awards for students and doctoral candidates. It is worth noting that most frequent winners of the ministerial grants are students of the Faculty of Economics and Management and the Faculty of Arts.

UZ offers accommodation in 6 halls of residence in Zielona Góra and 2 more at the UZ Branch Faculty in Sulechów. Two of these halls offer rooms adapted to the needs of people with motor disabilities.

By decision of Lubusz Voivode [governor] of 1 October 2020 the SBM hall of residence was designated as a quarantine facility and the Wcześniak hall as an isolation ward.

Almost all buildings of the University are disabled-friendly and lecture halls are equipped with induction loops, which enable people with hearing loss to freely participate in the lectures. Thanks to the fact that the University is continuously adapting its infrastructure to the needs of disabled students, their number is growing and at present stands at several hundred people. The University of Zielona Góra ranks among the top three most disabled-friendly Polish universities.

On 1 October 2020, as part of the 'UZ open to all' project, the Support Centre for People with Disabilities was launched. Specialists who work there (a psychologist, a sociotherapist, an addiction therapist and a speech therapist) provide free diagnostic and therapeutic support.

At the University, all issues related to students with disabilities are taken care of by the Rector's Plenipotentiary for the Disabled Students.





# The UZ Computer Centre

[www.ck.uz.zgora.pl](http://www.ck.uz.zgora.pl)

The **Computer Centre of the University of Zielona Góra** (CK UZ) is an inter-faculty unit, whose main aim is to maintain the University Computer Network (USK UZ), Zielona Góra Municipal Area Network (ZMSK ZielMAN), and the main IT systems operating at the University of Zielona Góra.

CK UZ staff manage an over 160-km-long fibre optic network covering Zielona Góra, Nowy Kisielin, Sulechów and Nowa Sól. As part of the PIONIER Consortium network, they cooperate with 21 academic centres in Poland for the purpose of planning, operating and managing the fibre optic network for science known as Polish Optical Internet – PIONIER. The academic community of Zielona Góra can access the Internet network through 2x10Gb/s connections. USK UZ connects several thousand employee and student computers with the use of cable and wireless networks.

CK UZ provides its users and the University units with numerous IT services, including access to the Internet, server virtualization, the electronic mail, creating and maintaining websites, remote access to university and library resources, teleworking etc. The most important network devices and University servers are installed at the Data Processing Centre (Campus A). The Computer Centre employees are also responsible for the maintenance and development of the main IT

al Repository of Diploma Papers (ORPD), plagiarism detection check of diploma papers, the electronic Student ID card system ELS, the University education offer (SylabUZ system), or employee evaluation surveys. The Dziekanat 2.3 system also supports the management a large part of the University's finances (electronic purchase orders, revenue and expenditure accounts, internal financial accounts, Univer-



systems at the University, most of which are proprietary systems. The most complex of these is the Dziekanat 2.3 system, which supports all study-related aspects of managing the University, from recruitment, through the electronic index, social issues (grants, dormitories etc.) to issuing diplomas to graduates. It serves as a basis for other important systems/modules such as reporting data to the Ministry-managed POLON systems, the Nation-

ality markup fees and many others). Other systems managed by Dziekanat 2.3 include the Computer-based System of Publication Record SKEP (with the export of data to the national Polish Scientific Bibliography PBN repository), the database of UZ organizational units and employees PERS, the database of the University's legal acts (Rector's orders, Senate's resolutions).

# The Publishing House of the University of Zielona Góra

[www.ow.uz.zgora.pl](http://www.ow.uz.zgora.pl)



The **Publishing House** of the University of Zielona Góra was founded in 2001 by merging the publishing departments of the Technical University of Zielona Góra and the Pedagogical University. At that time they both already already boasted sizeable publishing record, so their merger added a new dimension to the quality of their publications.

Currently the House releases on average 130 publications a year, 40-50 of which fully edited. These include teaching resources (academic books and textbooks) and

scientific resources (doctoral dissertations, monographs, collective works, scientific journals, conference materials etc.). These are mostly publications by the academic staff of the University of Zielona Góra. Thanks to its professional staff, the House carries out projects not only for the benefit of the university but also for municipal and regional institutions.

Thanks to the high editorial quality of its publications, the House has become an excellent promotional brand for the University of Zielona Góra. UZ Publishing House has won numerous awards both in regional competitions (Lubusz Scientific Laurel) and in national ones (Wrocław Science Book Fair, Poznań Science and Popular Science Book Fair).



# The University Centre for Language Education

[www.uckj.uz.zgora.pl](http://www.uckj.uz.zgora.pl)



The main aim of the University **Centre for Language Education** is to organize and conduct foreign language classes for UZ students in accordance with the programmes of study for particular majors.

The Centre also organizes and runs foreign language courses for both students and anyone interested outside the University.

Besides, the Centre's academic teachers translate and proofread scientific articles and other publications for the University's staff as well as administer examinations in foreign languages for UZ students enrolled in the Erasmus+ programme.

The University Centre for Language Education was established by UZ Senate's resolution in May 2014. However, a pilot edition of language courses had already been launched in December 2013. The Centre was intended to be a self-financing unit.

It remained to be seen whether the offered language courses would draw enough interest to become cost-effective.

As it turned out, the idea hit the mark. The language courses have attracted students, UZ employees and their families as well as many city inhabitants. One of the courses' main advantages was a reasonable price.

It is a fact that most young people starting their studies at UZ take their secondary-school graduation exams in a foreign language at the basic level, with the passing score set at only 30%. This corresponds to nothing more than a very basic knowledge of a language whereas a graduate of I-cycle studies is expected to use a foreign language at B2 level. This prompts students to improve their language skills at language courses.

Another group of learners includes those who wish to improve their language skills for professional reasons. They plan to work abroad or their employers in Po-

land require a good command of a foreign language. Thus, for the past few years the teachers at the Centre have been educating the staff of one of the local hotels. This is another strength of the Centre: the teachers conducting the courses are qualified and experienced academics representing various UZ faculties, so tailoring a language course for biologists, entertainers or mechanics is not a problem.

The maximum number of learners per group is 12. The price includes the textbooks and other learning materials. Enrolment is done online. At present the Centre offers courses at all levels of proficiency in the following languages: English, French, Spanish, German, Portuguese, Russian, Swedish and Italian. Additionally, the Centre offers free courses in Japanese at different levels of proficiency.

# The University Big Band,

# The University Choir



The **University Big Band** is made up of University students and graduates. In 2018 the Big Band celebrated its 20th anniversary. The Band's artistic achievements include numerous concerts in Poland and abroad. Whoever hears them perform live even once, falls in love with them for ever. The band has performed with such eminent jazz musicians as Urszula Dudziak, Grażyna Łobaszewska, Krystyna Prońko, Lora Szafran, Ewa Uryga, Marek Bałata, Andrzej Dąbrowski, Krzysztof Kiliański, Adam Makowicz,

Janusz Szrom, Jan Ptaszyn Wróblewski and Zbigniew Namysłowski. The ensemble has won many awards at festivals in Poland and abroad. Their concert of Christmas carols recorded in Gdańsk Philharmonic and in Pelplin Basilica a few years ago, has been broadcast many times by various TVP channels. Every year the Big Band's inaugural concert opens the 'Green Town of Jazz' festival, which enjoys enormous popularity.

Choir participates in joint projects with the Big Band and in diploma concerts.

The **University Choir**, which is also made up of UZ students, adds splendour to all important academic events. The



# Student media

[www.wzielonej.pl](http://www.wzielonej.pl)

The oldest student medium is 'Radio Index', which has been broadcasting since 1 April 1998 and is one of nine licensed college radio stations in Poland. The radio broadcasts live from 6.00 to 24.00 but is on the air round the clock! It can also be received via the Internet and therefore has faithful fans also overseas. The radio station cooperates not only with students but also high-schoolers, the University's graduates and teachers. Some prove themselves as reporters, others as DJs. Some are born inter-

viewers, others - sports commentators. Radio work teaches sound mixing and editing, programme broadcasting, hosting radio shows, preparing and presenting the news.

The University radio also offers journalism workshops, internships and apprenticeships for students. Over the years Akademickie Radio Index has reared many journalists, who are now known from nationwide stations (including Kamil Baleja – Radio Żłote Przeboje, Filip Czyszanowski – TVP Sport, Michał Korościel i Damian Michałowski – Radio Zet, Wiktor Brzozowski – Radio Eska, Karol Tokarczyk – Polityka Insight). Many of them look back fondly on their first steps in the radio.

The beginning of November 2012 marked the launch of the University Information Portal [www.wzielonej.pl](http://www.wzielonej.pl). It merged the two already-existing portals of Radio Index and UZetka (a University monthly published in the years 2002-2018). One can find there news from the University, the city of Zielona Góra and the whole of Lubusz Voivodeship. The portal is updated several times a day thanks to the watchfulness of

its staff consisting of students and academics.

Since 2017 Index has also been present on TV. The studio has two studios equipped with TV cameras, thanks to which one can watch the interviews and talk shows on the station's Internet website and in social media. Since 2020 the TV productions have been broadcast under **Index TV** name. The studio has a tremendous potential - it uses several cameras and virtual backgrounds with a green screen. The programme is broadcast from the studio, but there are also field productions: on-the-scene coverage reports from events, including sports events and conferences. Audio and video materials cover the most important events occurring at the University, in the city and in the region. The programme offer includes spoken-word and spoken-word-and-music broadcasts, hourly news bulletins, sports, culture and science news.



# Sport

[www.azs.zgora.pl](http://www.azs.zgora.pl)

[www.facebook.com/swfisuz/](https://www.facebook.com/swfisuz/)



The **University AZS Sports Club** is the biggest sports club in Lubusz Voivodeship. It has nearly 700 active members, students and the University's employees, who take advantage of the wide range of sports on offer. There is something for everybody. At present the club has 19 sections: aqua-aerobics, boccia (SON), bridge, capoeira, fitness, futsal, horse riding, ju-jitsu, traditional karate, laido, handball, volleyball, swimming, swimming (SON), fitness gym, table tennis, table tennis (SON), uni-hockey, mountain climbing. Students can also take part in various additional sports and leisure activities. Such a broad offer is possible thanks to the University's numerous sports facilities, including the athletics stadium, tennis courts, gyms, sports grounds and sports halls.

The University AZS UZ sports club boasts medal winners in Polish, European and World Cham-

pionships as well as in Olympic and Paralympic Games. The AZS of the University of Zielona Góra also competes in team sports. In the academic year 2020/2021 bridge and handball teams compete in the first division, whereas volleyball, futsal and table tennis teams – in the second division. The Club also initiates and organizes numerous projects addressed to the students and teachers of the University, as well as to all inhabitants of Zielona Góra, such as the Active Inhabitant of Zielona Góra, Change Yourself Actively, Cooper Test for everyone, the Polish Championships in integrated boccia and shooting.

In the first semester of the academic year 2020/2021, due to the Covid-19 pandemic, the Club's activities were limited to league sports, swimming and sports for people with disabilities.

There is a **Study of Physical Education and Sports** active at the University, which organizes activities as part of the PE curriculum. Students from both campuses can

participate in weekly activities in 13 sports (swimming, corrective swimming, aquafitness, running-related forms of mobility, boccia and other low-impact sports, fitness, basketball, bodybuilding, Nordic walking, football, rehabilitation, volleyball, general development activities). As an alternative to physical education classes, the Study also organizes kayaking and trekking trips. Every student can find something to his or her liking, because sport is good for health.



# Karol Marcinkowski University Hospital in Zielona Góra Sp. Ltd.

[www.szpital.zgora.pl](http://www.szpital.zgora.pl)



The **University Hospital in Zielona Góra** was founded on 18 August 2017 as a merger of the Karol Marcinkowski Voivodeship Teaching Hospital in Zielona Góra and the University Clinic. Today it constitutes the teaching and research basis for the training of future doctors, nurses, psychologists and medical physicists.

The hospital is one of the biggest and most modern healthcare institutions in Lubusz Voivodeship. It covers the area of 9 hectares, on which 24

hospital wards and 30 outpatient clinics are located. Every year more than 66,000 hospital inpatients are hospitalized here and nearly 16,000 surgeries are performed. In 2019 nearly 1,600 children were born in the hospital's labour ward - the largest number in the entire province!

The hospital has boasts of the most modern a modern operating theatres in the country, which in May 2018 was equipped with a hybrid theatre for the purposes of cardiology and vascular surgery. It also has the only Trauma Centre in the voivodeship.

The hospital also has diagnostic centres equipped with the most modern equipment, analytical, bacteriological and molecular laboratories which perform comprehensive test, including tests for coronavirus.

In Zielona Góra hospital patients may expect complex oncology treatment - from oncology surgery to chemotherapy, brachytherapy and radiotherapy - and the most modern medicines administered as part of oncology medication programs.

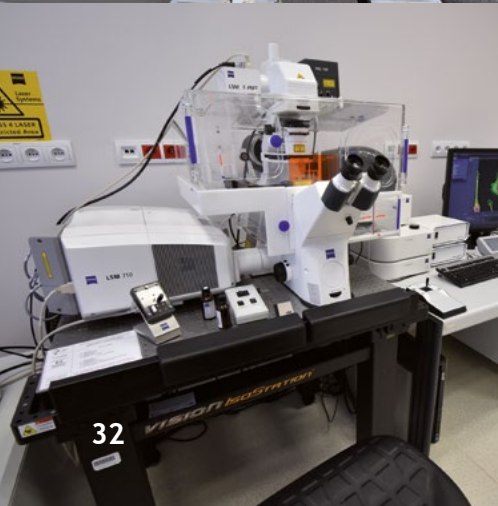
In autumn 2018 the construction of the biggest healthcare complex in the history of the hospital started - the Mother and Child Health Centre. Its completion is scheduled for spring 2021. It was completed in December 2020 but due to the Covid-19 pandemic the premises have been converted into a temporary Covid hospital. Once the pandemic has been extinguished, the Mother and Child Health Centre will start operating in the building. The Centre will provide comprehensive treatment for children, also in wards which at present do not exist in Lubusz Voivodeship, namely child oncology and children's intensive therapy.

In mid-2020 the hospital started another large investment, which is the thermomodernization all of its buildings. The total cost of this investment, co-financed from EU funds, is over 50 million PLN. In 2020 the total capital expenditures on the hospital will exceed 101 million PLN!



# The Science and Technology Park of the University of Zielona Góra Ltd.

[www.pnt.uz.zgora.pl](http://www.pnt.uz.zgora.pl)

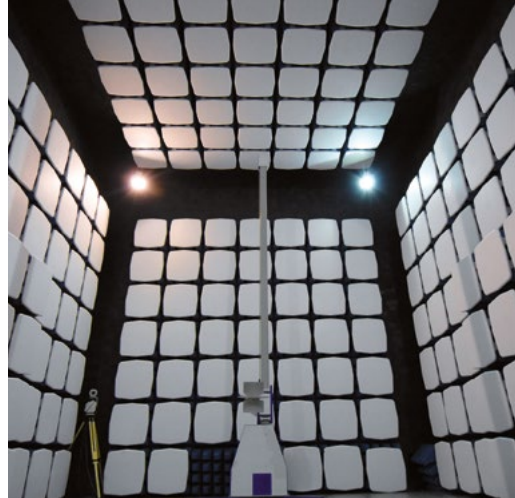


**The Science and Technology Park of the University of Zielona Góra Ltd.** is an area open to entrepreneurs, scientists and the enthusiasts of new ideas and technologies and ideas.

The main aim of the Park is to create conditions conducive to the innovativeness of local and regional enterprises, especially small and medium enterprises (SME), and to attract new investment based on modern technologies to Lubusz Voivodeship.

The main objectives of the Park include creating conditions for the effective use of scientific and industrial potential of the region, stimulating industrial development especially in the area of innovation technologies with the use of PNT UZ infrastructure, supporting and creating the process of technology transfer, supporting the commercialization of research findings and supporting small and medium enterprises (SME) through training courses, consulting services and facilitating access to the sources of finance.

The infrastructure of PNT UZ sp. z o.o. comprises 4 Centres: the Logistic Center of the Science and Technology Park and the Platform for Science and Economy, which, among others, offers assistance in starting and developing firms and associating business partners; the Centre for Sustainable Building and Energy, which incorporates a number of laboratories, including the Electromagnetic Compatibility Laboratory, the Acoustics and Electroacoustics Laboratory, the Acoustic Insulation Laboratory, the Renewable



Sources of Electrical Energy Laboratory; the 'Technology for Human Health' Innovation Centre, where one can use, among others, the Molecular Spectroscopy Laboratory, the Scanning Probe Microscopy Laboratory, Confocal Microscopy Laboratory; the IT Centre, where there are laboratories specialized in the design and utilization of industrial technologies, a technology hall with CNC machines used to make prototype parts for machines and devices, and where Siemens-authorized training courses are conducted.

The PNT UZ infrastructure has been adapted to meet the broad range of business needs in the area of new technologies. It is a special place on the map of Lubusz Voivodeship, one that contributes to the increased innovativeness of the entire region.



# The Centre for Entrepreneurship and Technology Transfer

[www.cptt.uz.zgora.pl](http://www.cptt.uz.zgora.pl)



**The Centre for Entrepreneurship and Technology Transfer of the University of Zielona Góra** (CPTT UZ) promotes and tightens the cooperation between science and economy by offering professional consultancy services, participating in international economic missions and cooperation meetings, organizing training courses, workshops and conferences.

The Centre's other important objectives include networking the University scientists with business entities by fostering the cooperation between entrepreneurs and the University's researchers and students, organizing interdisciplinary teams to execute outsourced contracts as well as promoting the technology and service offer of the University of Zielona Góra.

The Centre offers services in the area of innovation and technology transfer. Technology transfer is understood as various forms of activity related to the implementation of scientific achievements in economy as well as patent and license trading, protection of intellectual property etc.

The Centre organizes training courses for the University's staff and students on start-up founding, the commercialization of research findings, and the Theory of Inventive Problem Solving TRIZ. The training has resulted in three UZ employees obtaining I-level MA TRIZ certificate.

As part of the EFS POWER 3.5 competition 'Modern teaching and practical cooperation with entrepreneurs – a development programme by the University of Zielona

Góra, CPTT UZ carries out training courses in the Theory of Inventive Problem Solving – TRIZ, addressed to both the staff and students of the University.

As part of its activity CPTT UZ offers consulting services by a Patent Attorney in the area of industrial property protection, innovation and patent rights.

Such activities constitute the basis of technological progress and are of key significance for the competitiveness of enterprises, not only in the so-called advanced technology branches. The cooperation with CPTT UZ ensures effective use of the intellectual potential of Zielona Góra academic community. It also creates the opportunity for rapid development of innovation enterprises and institutions and is the basis for the implementation of new technologies.

This potential is rarely exploited by Polish companies, and especially by SMEs. The activities of CPTT UZ are financially supported with special purpose funds and are intended to break the numerous barriers hindering the transfer of ideas their creators to practical and commercial application.

# The Centre for Renewable Energy (CEO)

[www.centrumenergetyki.com.pl](http://www.centrumenergetyki.com.pl)



The **Centre for Renewable Energy** (CEO) is a centre for technology transfer, whose major areas of activity focus on research and development work in the sphere of renewable energy, both electric and heat energy, as well as micro-generation and tri-generation of energy.

The Centre's equipment enables innovative research in the acquisition, transformation and distribution of renewable energy from various sources, mutual interaction

of these sources and broadly understood economic efficiency in various climactic conditions.

The Centre's well-equipped laboratories allow for the provision of training and educational services. The conferences, training courses and workshops organized by the Centre both on and off its premises popularize knowledge and increase the awareness of consumers in the area of renewable sources of energy.

Extensive technological facilities and the cooperation with scientific centres enables the Centre to offer a wide range of advisory and consultancy services in the area of renewable energy, micro-generation and micro-trigeneration, the configuration and customization of heating and energy systems to the needs of individual clients, institutions, environment protection, measuring systems, the systems of industrial automation, and electromobility.

By popularizing the mechanism of cooperation between science and business and by active participation in the deve-

lopment of innovative solutions and services, the Centre has become the birthplace of new technologies.

The Centre is a science partner for 30 companies in the 'Innovation Voucher' project, whose founding principle is that entrepreneurs and research teams work together all the way from the concept, through manufacturing to the commercialization of innovative solutions. The Centre, together with the firms involved in the project, has developed over 21 technologies, which were directly sold commercially. These solutions related to, among others, the use of energy from photovoltaic solar panels, new ventilation systems and the use of heat pumps, or systems utilizing combined sources of energy. The solutions were then filed with the Polish Patent Office and the European Patent Office as new solutions or industrial designs.

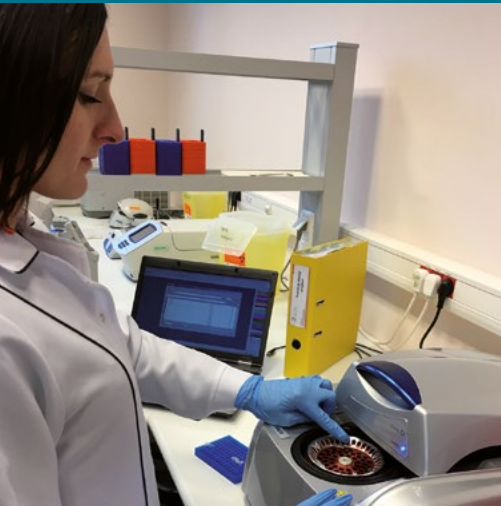
In all areas of its activity, the Centre for Renewable Energy in Sulechów offers cooperation with the use of de-minimis aid.

In 2018 the UZ Centre for Renewable Energy in Sulechów implemented the Quality Management System compatible with the PN-EN ISO 9001:2015 norm, thus confirming the high quality of its services and meeting its clients' needs. The standard is approved and recognized worldwide.



# The Lubusz Centre for Innovation and Agrotechnical Implementation Ltd. (LOliWA) in Kalsk

[www.loiwa.com.pl](http://www.loiwa.com.pl)



The mission of LOliWA in Sulechów is the application of research-development-implementation (R+D+I) programmes in the agro-food sector. It is a centre for innovation and transfer of knowledge to economy in the area of plant nursery, horticulture and food processing. The Centre provides solutions to technological problems of food producers, conducts comprehensive research, technological tests and laboratory food analyses.

**The laboratory section** has modern research infrastructure, which allows for quantitative and qualitative analysis of the composition and microbiological safety of raw, semi-processed and processed food products. It includes laboratories of molecular biology and electrophoresis, gas and liquid chromatography, spectrometry, other types of instrumental analyses, and microbiology.

**The technological section** comprises semi-industrial technological lines for the production of bakery, dairy, wine, beer, and meat products as well as a ready-to-eat food workshop. These modular lines allow for flexible organization of technological processes and

by doing so faithfully render the real-life industrial conditions in the food industry. Another advantage of these technological lines is the multi-function metering system, which allows for registering and collecting important parameters of the production process.

**The plant nursery section** offers comprehensive advisory services concerning the multiplication and propagation of plant material, as well as the cultivation and protection of crop and ornamental plants. Besides, the Centre conducts research in the area of field crops, experimental plots, pot experiments and various systems of irrigation and fertilization. The well-developed and automated infrastructure provides process support at every stage of plant production.

In the forthcoming years the Centre is to undergo major developments aimed at making it a leading institution in the sector, not only on a regional or national scale, but also internationally.



# UNIVERSITY OF ZIELONA GÓRA

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