Welcome to session 02.01

WHAT‘S NEW IN UKRAINE

Venue: Fira Barcelona Gran Via. Room: Verde 2
Wednesday 14 September 09:00
WHAT’S NEW IN UKRAINE
Content

- International Education in Ukraine
- Science and Innovation in Ukraine
- Displaced Universities in Ukraine
- Professional Network of Education and Science Managers of Ukraine
- Erasmus+ Opportunities for Cooperation with Ukraine
INTERNATIONAL EDUCATION IN UKRAINE: CONTINUING IN THE FACE OF ADVERSITY
Higher Education in Ukraine

As of 10.02.2022:
Higher Education Institutions

336

194 - state-owned
(134 - Ministry of Education and Science),
26 - communal, 116 - private
+ 553 - separate structural subdivisions of HEIs

Overall Number of Students:

- professional junior bachelor 228 432
- junior specialist 130 503
- junior bachelor 3 550
- bachelor 707 287
- specialist 2 419
- master 238 318
- doctor of philosophy 25 071
- doctor of arts 110

Overall: 1 335 690
International students in Ukraine

Number of International students in Ukrainian HEIs

76,548 international students from 155 countries world-wide

Top 10 countries by origin of international students (%)

- India – 23.64
- Morocco – 11.54
- Turkmenistan – 6.95
- Azerbaijan – 6.05
- Nigeria – 5.52
- China – 5.3
- Turkey – 5.22
- Egypt – 3.98
- Israel – 2.75
- Uzbekistan – 2.07
Number of international students in the regions

*Non-residents - 143
Number of Ukrainian HEIs that provide education to international students – 394

Most popular universities among international students
1. V.N. Karazin Kharkiv National University – 4277
2. Kharkiv National Medical University – 4215
3. Bogomolets National Medical University – 3061
4. Odesa National Medical University – 2935
5. Zaporizhzhia State Medical University – 2860
6. National Pirogov Memorial Medical University, Vinnytsia – 2771
7. Dnipro State Medical University – 2573
8. Ivan Horbachevsky Ternopil National Medical University – 2433
9. Bukovinian State Medical University – 2095
10. Taras Shevchenko National University of Kyiv - 1838
As of September 02, 2022,

2461 educational institutions have been damaged by bombing and shelling,

284 of them are completely destroyed Including

143 damaged and 20 destroyed professional pre-higher and higher education institutions.

As of August 26, 2022,

30 higher education institutions,

65 HEI affiliated units and

44 professional pre-higher educational institutions were displaced.

https://saveschools.in.ua/en/
The 2022 admission campaign in Ukraine

As of September, 2022, the number of applications to professional pre-higher and higher education institutions was up to 1,14 million, including:

- 636 000 for Bachelors and medical Master programs,
- 202 500 for Master programs,
- 205 600 for professional bachelor programs,
- 1 700 for junior bachelor programs.

The largest number of applications were submitted to the professional pre-higher and higher education institutions in Kyiv, Lviv, Dnipropetrovsk, and Kharkiv regions.

+ 2 500 international students applications.
Universities operates

- Online
- Offline
- Hybrid format (including academic mobility)
Ukrainian State Center for International Education

Study in Ukraine

https://studyinukraine.gov.ua/en

- International students support
- Partnership development
- Academic mobility programs
- Capacity building for internationalization of higher education
- Ukrainian studies
- Study visits and summer schools
SCIENCE AND INNOVATION:
EFFECTIVE INTERACTION AND SEARCH FOR SOLUTIONS UNDER MARTIAL LAW

Dr. Oksana Krukevych - Ministry of Education and Science of Ukraine
Institutional framework for research policy in Ukraine

- Verkhovna Rada of Ukraine
- Committee of the Verkhovna Rada of Ukraine on Education, Science and Innovation
- Cabinet of Ministers of Ukraine
- Ministry of Education and Science of Ukraine
- National Academy of Sciences of Ukraine
- National Council of Ukraine for the Development of Science and Technology is composed of two committees: the Scientific Committee and the Administrative Committee
- National Research Fund of Ukraine
- 5 National branch academies of sciences: the National Academy of Agrarian Sciences of Ukraine, the National Academy of Medical Sciences of Ukraine, the National Academy of Educational Sciences of Ukraine, the National Academy of Legal Sciences of Ukraine, the National Academy of Arts of Ukraine
- local councils and local executive bodies
Science activity in Ukraine is carried out in:

Higher education institutions
(at the beginning of the 2020/21 academic year there were 515 higher education institutions in Ukraine)

Research institutions and organizations (in 2020 research and development was carried out by 769 organizations)

Research infrastructure includes:
- Centers for Collective Use of Scientific Equipment (103 centers)
- National Research Centers (10 centers)
- State Key Laboratories
- Regional research centers (9 centers)
- Objects that constitute national heritage (unique scientific objects (collections, information funds, research facilities and equipment, as well as reserves and arboretums, scientific landfills, etc.), which are of exceptional importance for domestic and world science)
382 children were killed and more than 740 children were injured.

The number of refugees from Ukraine abroad is amounted more than 11 million.

2461 educational institutions were damaged, 284 were destroyed. About 15% of the research infrastructure of higher education and scientific institutions was damaged, including unique scientific equipment and facilities, research laboratories, and centers for the collective use of scientific equipment.

Kharkiv, 1 March 2022
By Pavlo Dorogoy
The main problem in the science and innovation sphere at the moment is the impossibility of carrying out scientific and innovative activities at a high level both in full (in regions temporarily occupied or affected by shelling) and partially (in other regions of Ukraine) due to the:

- destruction caused
- forced displacement of researchers and innovators in safe places
- insufficient funding
High-priority challenges

the restoration of:
- state financial support for scientific research
- grant support for scientific research by the National Research Fund of Ukraine
- the damaged research infrastructure

introduction of:
- support for scientists and innovators who are abroad as temporarily displaced persons
- academic mobility programs
- conditions for the development of an innovative ecosystem

providing access to:
- advanced electronic resources of scientific information
- international programs to support science and innovation

implementation of principles of open science and innovation

ensuring technology transfer and commercialization of scientific results
Vision for the restoration and development of science and innovation

- the creation of appropriate conditions for the continuation of scientific, scientific-technical and innovative activities by scientists and innovators
- development of programs for the return of scientists and innovators who were forced to leave the country
- restoration and modernization of the network of research and innovation infrastructure
- directing the field of science and innovation to address the country’s primary needs and global world challenges, such as overcoming the consequences of armed aggression, food and energy crises
- guidelines for the use of scientific results for the creation of high-tech products in Ukraine and its innovative development
- ensuring the transition to the economic and social orientation of science
- integration into the European and global research space
The “Science and Business” platform is an online platform for communication and effective interaction between representatives of business and the scientific community, which enables entrepreneurs to have access to leading scientific developments, and scientists to realize their potential and commercialize their research. Currently, 723 users are registered, of which 691 are scientists and 32 are entrepreneurs; 91 proposals for the implementation of scientific research and 27 for cooperation were received.

In martial law, such tool makes it possible to find scientific developments that can contribute to the recovery and development of the country and its economy, to attract additional investments in the field of science from the side of Ukrainian business.
Innovative ecosystem development, combination of scientific and industrial potential

A series of Science&Business events has been introduced to combine the scientific and innovative potential of scientists, startups, companies, experts, investors, the media, search for innovative ideas and solutions, and raise awareness of business, marketing, sales, investments and innovations.

2021:
Science&Business Startup Bootcamp, Science&Business Startup Demo Day

2022:
Science&Business Startup Hackathon

This summer, a 6-day Science&Business Startup Hackathon was held for dual-purpose start ups aimed at the recovery and development of Ukraine

Science&Business Startup Accelerator – in progress
Innovative ecosystem development, combination of scientific and industrial potential

The Ministry is actively working on the development of innovative infrastructure and expansion of its network.

On August 9, the Government adopted the draft Law of Ukraine “On Innovation Parks” to determine the legal and organizational basis for the creation and operation of innovation parks on the territory of Ukraine to ensure the development of the Ukrainian economy in innovative way.

Draft resolutions of the Cabinet of Ministers of Ukraine were prepared to develop the national innovation ecosystem:

- On the introduction of an experimental project on the creation of a start up-school-incubator-accelerator network based on higher education institutions and scientific institutions
- On the normalization of the procedure for the creation and operation of regional technology transfer centers
- On approval of the Procedure for providing financial support for the creation of high-tech industries with the participation of higher education and scientific institutions on the terms of co-financing
To quickly inform Ukrainian scientists and innovators about the possibilities of their support in Ukraine and abroad, the Telegram bot Info Science Bot continues to function. The bot hosts about 300 posts about support opportunities for scientists and innovators.
Knowledge-intensive Startups

The Ministry is working on the development of a concept and implementation of a program to knowledge-intensive startups, the performance of which invites international partners to join.

Our goal is to providing financial support for the development of knowledge-intensive startups of higher education and scientific institutions and entrepreneurs, aimed at restoring Ukraine and its economy, as well as ensuring its defense capability.

Directions:

- security, defense technologies
- innovative medicine, biotechnology
- energy efficiency and energy independence
- the latest agricultural technologies,
- ICT

Team of the Directorate of Science and Innovation Ministry of Education and Science of Ukraine

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United24

As part of the initiative of President Volodymyr Zelensky United24, an account was created to support the sphere of education and science in Ukraine.

We believe that missiles and tank attacks cannot destroy the intellectual foundation of the country. Please support to restore the research infrastructure and preserve the intellectual potential.

Payment details

LET'S REBUILD EDUCATION AND SCIENCE OF UKRAINE TOGETHER
Prof. Inna Semenenko – Volodymyr Dahl East Ukrainian National University

DISPLACED UNIVERSITIES:
CHALLENGES AND OPPORTUNITIES
Displacement: origin and destination within Ukraine

Regions of HEIs' displacement

Displaced 18 HEIs in 2014
- Crimea: 1
- Donetsk: 10
- Luhansk: 7

Displaced 43 HEIs in 2022
- Zaporizhzhia: 8
- Kherson: 9
- Donetsk: 19
- Luhansk: 7

Students, thousand; 54,1
Academic staff, thousand; 6,9
Displacement

before 2014

2014-2022

now
Internationalization of displaced higher education institutions

Challenges
• Loss of academic staff and students
• Admission of foreign students and involvement of foreign visitors
• Decrease in academic mobility

Opportunities
• Online education and distance platforms created in 2014
• International organizations as key stakeholders of displaced HEI
• International partnerships and realization of third mission
• Promotion of European values among young people and local population
• Key actors in sustainable regional development and promoting SDGs
• (Re)integration and overcoming stereotypes for new students - internal migrants from the temporary occupied territories
• Supporting inclusivity
PROFESSIONAL NETWORK OF EDUCATION AND SCIENCE MANAGERS OF UKRAINE (PNRM):
UNITE SCIENCE AND UNIVERSITIES MANAGERS FROM DIFFERENT REGIONS OF UKRAINE FOR CAPACITY BUILDING AND NATIONAL & INTERNATIONAL NETWORKING
Mission:
to unite science and HEIs managers from different regions of Ukraine for capacity building and national & international networking

Professional Network of Research and HE Managers in Ukraine - new initiative aimed:
- at creation of a network of professional managers of education and science of Ukraine
- training professional managers and teams for transformation and integration into European and global research areas
- forming a new mobile elite as a foundation for rebuilding Ukraine in the post war period

Our network: 53 HEIs from 14 regions
- pnrm.ukraine@gmail.com
- https://www.linkedin.com/company/pnrm-ukraine
Focus of the network:

- Development of manager personal competencies
- Grant activities & international networking
- Higher education & Research
- Innovation & transfer of technology
- Science communication
- Management of Displaced Universities

For Foreign partners If you want to:

- expand the geography
- involve managers from Ukraine in your projects
- share a professional experience, useful resources, activities

Please fill out the form and join us on social networks
National Erasmus+ Office - Ukraine and Higher Education Reform Experts Team (ILID)

EU’S PROGRAMME ERASMUS+ OPPORTUNITIES FOR COOPERATION WITH UKRAINE - 2022-2027
Ukraine Status and Open Calls

- **Ukraine in Erasmus+**: Third Country - Not Associated to the Programme: Partner Country
- **31 opportunities** to cooperate with Ukraine:
  - **3 Actions** in higher education: 9 calls – as applicants!!!
  - **15 Actions** in education, youth and sport – as partner
    - incl. **5 Actions** with 11 calls – if value added justified
  - + European University Initiative – as associated partner
  - **5 calls** includes opportunities to cooperate with Australia, the UK, USA and others!
  - **Special Guide** for Ukraine and projects flexibility to respond war challenges

- Over **4000 projects funded**, 230 HEIs from Ukraine are in partnerships
- **252 Jean Monnet** Projects - promoting European Studies
- Over **17 000 students and staff as well as 24 400 youth** mobilities funded!
Education, Youth and Sport Actions

- Mobility in Higher Education (2 calls)
- Mobility in VET
- Mobility in Youth (3 calls)
- Virtual Exchanges
- Cooperation projects: in School, Higher Education, VET, Adult Education and Youth (5 calls)

**Calls for Proposals managed by the National Erasmus+ Agencies:**
[link to the calls]

- Erasmus Mundus: Design and Joint Programmes
- Capacity Building for Higher Education (3 calls)
- Capacity Building for VET
- Cooperation projects in Education and Youth (2 calls)
- Cooperation Projects in Sport
- Alliances for Innovation in Higher Education and VET (2 calls)
- Vocational Centers of Excellence
- Jean Monnet Higher Education (5 calls)

**Calls for Proposals managed by European Executive Agency for Education and Culture**
[link to the calls]

You are welcome to Ukraine!

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THANK YOU FOR YOUR SUPPORT AND SOLIDARITY

LET’S COOPERATE AND NETWORK!