

December 2024

Overview of the key reforms and priorities in Higher Education of Ukraine

Prepared by National Erasmus+ Office and Erasmus+ Higher Education Reform Expert team

Національний Еразмус+ офіс в Україні та команда експертів з реформування вищої освіти National Erasmus+ Office – Ukraine and Higher Education Reform Experts Team **Erasmus+**Enriching lives, opening minds





War-Induced losses and challenges of Ukrainian Education during martial law* (since 24.02.2022)



Severe damage of the educational ecosystem:

- Human losses among students teaching and admin staff TRAUMA
- 3798 education institutions damaged, 365 destroyed completely
- War affected 1.5 million young Ukrainians, over 70,000 foreign students
- Many education institutions served as shelters and humanitarian hubs
- International officers and projects teams&families under danger in occupied territories
- 34 HEIs, 65 units of HEIs and 45 VET institutions temporarily relocated
- Teaching and learning process: from shelters, frontlines and abroad (online/offline/blended formats)
- Sirens, electricity cuts, long-term blackouts and its consequences (24/7)
- Emotional burnout among students and teaching staff
- Enrollment campaign 2024 a big challenge (1.4 mln. applied)
- Brain drain is highest







<u>By Ukrainian artist – Oleksiy Say and founder of</u> <u>Mediaproject "Ukrainian Witness" – Vitaliy Dejnega</u>



Resilient Education Institutions of Ukraine during martial law

Types	Higher Education (Universities, Acad	Academic staff		
	2022/2023	2023/2024	2022/20	2023/2024
Total HEIs	347 (1,053 mln students)	314 (1,149 mln students)	120 514	115 857
Public HEIs	246 (1,018 mln students)	217 (1,114 mln students)	NA	NA
Private HEIs	101 (0,035 mln students)	97 (0,035 mln students)	NA	NA

33 328



Higher Education Institutions of

Ukraine: https://enic.in.ua/index.php/en/uipeng

National Academy of Sciences of Ukraine:

49 999

160 research institutes

International

students

- 29 870 staff, incl. 15 530 researchers
- 260 cooperation agreements with HEIs
- 5 Sectoral National Academies of Science:

Law, Medicine, Agrarian, Education, Arts

➤ 12 701 (12 976 in 2022) Secondary Schools:

> 978 VET institutions:

71 177 pedagogical staff

195 foreign students

575 207 students

- **3 906 174** (4 041 976 2022) pupils
- **390 089** (401 836 2022) **teaching staff**
- Young people (14-35 years old): 10.6 mln.







From Tempus to Erasmus+: Trust(th)! Experts pool, quality assurance system!

1994-2024: 30 years of successful long-term cooperation!



- ✓ Building trust: EU to UA HEIs, among Ukrainian HEIs and long-term partnerships: mobility
 & cooperation projects activities
- ✓ International Experts Pool EU&UA for Human Capacity to implement reforms via study visits, TOT, projects activities, staff weeks, workshops, trainings, research, conferences etc.
- ✓ EU expertise: peer learning and mutual understanding of HE system and legislation
- ✓ MoESU, MoDTU, HEIs, VETIs, NQAA, NQA, ENIC/NARIC Ukraine capacity building
- ✓ HERE's open resources and events on Bologna Process and EHEA Tools implementation
- ✓ Convergence with EU: modernised curricula, 3 cycles, PhD schools, ECTS, competence-based approach, learning outcomes, QA, NQF, European Studies







From Tempus to Erasmus+: Resilience and 3rd Mission!



- ✓ Cooperation with students and employers' organisations for curricula reform
- ✓ Strong and reliable projects partners: support during martial law human, humanitarian help, educational, research and soft diplomacy etc.
- ✓ Developed HEIs Capacities for Resilience: blended/distance learning, methodologies/ technologies, infrastructure, virtual labs/ resources, recognition mechanisms
- ✓ Innovative infrastructures for education
- ✓ 3rd mission of HEIs: centers of excellence for communities social and societal transfers, knowledge and technology transfers

#ErasmusGeneration - Ukraine:

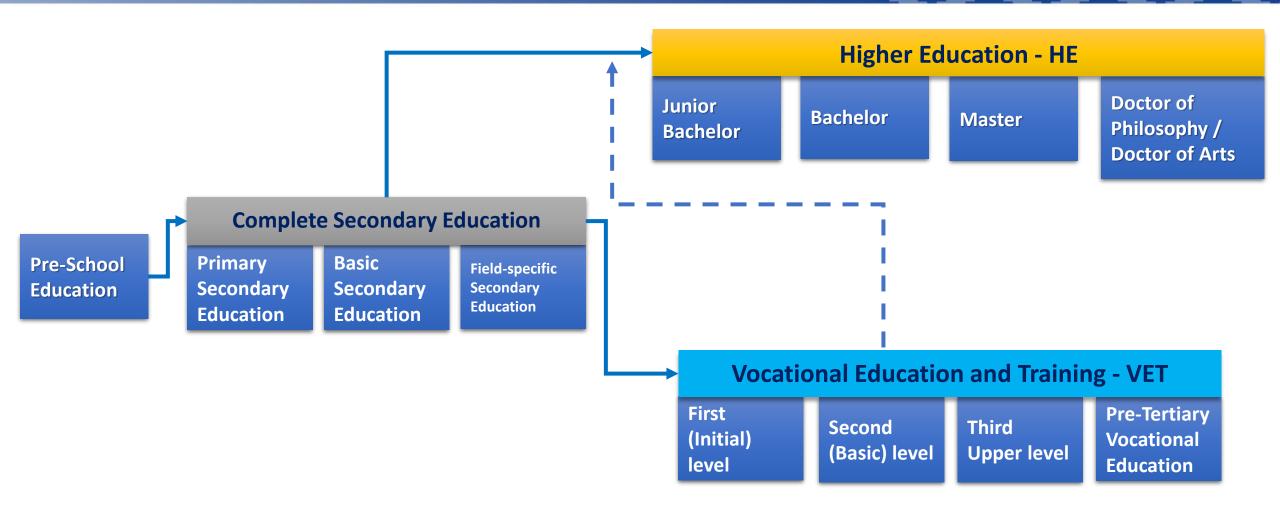
Soft diplomacy – Ambassadors of Ukraine in world: truth, responsibility, justice and trust! Education, science and cultural diplomacy!







Ukraine's Education system 2024 (Education components)







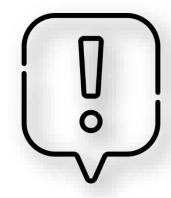
EDUCATION STRUCTURE IN UKRAINE

	LDUCA	TION STRUCTU	L IN ORRAINE		
EDUCATION COMPONENTS		DEGREES / LEVELS, education confirming document	PERIOD OF STUDY (years, ECTS credits)	EHEA CYCLES, NQF levels	
Higher Education		Doctor of Philosophy, PhD / Doctor of Arts (Academic Degree)	4 years (30-60 ECTS - academic study component)	III Cycle 8 level, ISCED 2011 8 level, NQF	
		Master (Academic Degree)	90-120 ECTS (300-360 ECTS for programmes in Medicine, Veterinary, Pharmacy, Dentistry)	Il Cycle 7 level, ISCED 2011 7 level, NQF	
		Bachelor (Academic Degree)	180-240 ECTS	l Cycle 6 level, ISCED 2011 6 level, NGF	
		Junior Bachelor (Academic Degree)	120 ECTS	Short Cycle 5 level, ISCED 2011 5 level, NQF	
	Pre-Tertiary Vocational Education (Equivalent of the Post-Secondary Non-Tertiary Vocational Education)	Vocational Junior Bachelor, Diploma	120-180 ECTS (based on Complete Secondary Education) Up to 240 ECTS (based on Basic Secondary Education)	Access to higher education 4 level, ISCED 2011 5 level, NQF	
Vocational Education	Third Upper level (Post-Secondary Non-Tertiary Vocational Education)	Junior Specialist, Diploma	1-2 years (based on Complete Secondary Education) 3-4 years (based on Basic Secondary Education)	Access to higher education 4 level, ISCED 2011 4 level, NQF	
and Training - VET	Second (Basic) level (Upper Secondary Vocational Education)	Skilled Worker, Certificate	1-1,5 years (based on Complete Secondary Education) 2-4 years (based on Basic Secondary Education)	Access to higher education 3 level, ISCED 2011 3 level, NQF	
	First (Initial) level (Lower Secondary Vocational Education)	Skilled Worker, Certificate	Up to 1 year	2 level, NQF	
	Field-specific Secondary Education (Upper Secondary General Education)	Certificate	3 years	Access to higher education 3 level, ISCED 2011 3 level, NQF	
Complete Secondary Education	Basic Secondary Education (Lower Secondary General Education)	Certificate	5 years	Access to VET 2 level, ISCED 2011 2 level, NQF	
	Primary Secondary Education		4 years	1 level, ISCED 2011 1 level, NGF	
Preschool education			Up to 4 years	O level, ISCED 2011	

*More information:

- Ministry of
 Education and
 Science of
 Ukraine
- ENIC-NARIC
 Network
- Higher
 Education
 System of
 Ukraine video
- Vocational
 Education and
 Training System
 of Ukraine
 video

Recognition of Academic (Credit) Mobility and Qualifications



Recognition of higher education qualifications within the Higher Education system is carried out in accordance with the <u>Law on Higher</u> Education - by the decision of the Academic Council of the HEI.

Within Erasmus+ projects, Inter-Institutional Agreement is a <u>MUST</u> to organise official mobility and recognition of learning outcomes and mobility periods.

<u>Recommendation</u>: to have internal mobility regulations to avoid internal risks regarding the recognition of learning outcomes.





Erasmus+ Projects Resources on Recognition issues



Unified State Database on Education, includes diplomas verification: https://info.edbo.gov.ua/
The ENIC-NARIC center of Ukraine that deals with these issues of recognition of the prior education and apostil among other things (Main (enic.in.ua)

Global ENIC-NARIC network has a page devoted to Ukraine is a helpful resource:

https://www.enic-naric.net/page-ukraine-2022

Recorded webinar training on the recognition issues, including the work with the Unified State Database on Education (collected key resources and guides):

http://cimea.it/ucraina/index EN.html

EU publication on the fast track recognition: <u>Guidelines on fast-track recognition of Ukrainian</u> <u>academic qualifications | European Education Area (europa.eu)</u>

Ministry of Education and Science of Ukraine: emergency portal <u>Education System in Ukraine -</u> Ukrainian education in emergency (mon.gov.ua)

Academic Hub for Recognition: https://academicrecognition.eu/





Bologna Process implementation and key reforms (2014 -2019)

- > The Law on Higher Education (2014) with amendments 2017-2024):
- o 4 cycles:

PhD / Doctor of Arts (3rd cycle, 8th level of the NQF)

Master (2nd cycle, 7th level of the NQF)

Bachelor (1st cycle, 6th level of the NQF)

Junior Bachelor (short cycle, 5th level of the NQF)

- European Credit Transfer and Accumulation System (ECTS)
- QA system in line with ESG
- Academic, organisational, personnel autonomy (no financial autonomy yet)
- National Qualification Framework
- Diploma Supplement
- Competence-based and student-centred approaches, Learning Outcomes
- Academic Mobility and Joint programmes
- National Agency for Higher Education Quality Assurance (established in 2016, operated since 2019)









Bologna Process implementation and key reforms since 2014-2019

- > Law on Education (2017) with (amendments 2018-2024):
- National Agency for Higher Education Quality Assurance (NAQA) fully operational since 2019
 - (4000+ accreditation experts pool and about 7000 study programs accredited by 2024)
- National Qualification Framework (NQF) is harmonized in line with QF EHEA and EQF LLL
- National Qualification Agency (2019) responsible for NQF, professional standards and Qualification Recognition







Bologna Process implementation and key reforms (2019-2022)

- NAQA prepared for entry into ENQA/EQAR
- PhD reform adoption of a new legal framework for dissertation defenses and PhD study
- Strategy for the Higher Education Development in Ukraine (approved on February 23, 2022, the Cabinet of Ministers) is developed in line with European Integration prospects as well as EHEA principles.
- Regulations "On the approval of the Procedure for the implementation of the right to academic mobility (updated in May 2022, the Cabinet of Ministers) internships (for practical skills development) and language internships were added as forms of academic mobility, the right to mobility was extended to the VET institutions students.
- List of Fields of Study and Programme Subject Areas in Higher Education based on the Fields of Education and Training 2013 (ISCED-F 2013) (updated in 2022, the Ministry) 29 Fields of Study (Narrow fields of education and training, ISCED) and 122 Programme Subject Areas (Detailed fields of education and training, ISCED)







Current Higher Education reforming in Ukraine (2024)

- Law on Amendments to the Law of Ukraine "On Higher Education" on Individualized Learning Pathway (approved, 2024): expanding the opportunities of students to form the individualized learning pathways, as well as expanding the autonomy of HEIs in the development and implementation of interdisciplinary educational programs, recognition of non-formal/informal education
- Law on Amendments to the Law of Ukraine "On Higher Education" on expanding the rights of student self-governance bodies and ensuring the rights of students
- Law of Ukraine "On Academic Integrity" (1st reading, 2024)
- Law of Ukraine "On National Qualification system" (approved, 2024)
- On April 2, 2024 the Cabinet of Ministers of Ukraine adopted a resolution "On Amendments to the Rules for Crossing the State Border by Citizens of Ukraine"







Current Higher Education reforming in Ukraine (2024)

- > State funding for HEIs based on the following criteria (Regulation of the Cabinet of Ministers, 2024)
 - Contingent of students the total number of students who study at the expense of the state funding
 - Research activity the amount of funds (calculated per academic employee) that HEI earned from the provision of research and consulting services or received in the form of grants for research
 - Internationalisation position of HEIs in international University ranks and/or participation in Erasmus+ projects
 - **Employment track** the percentage of graduates who are employed (data from the Pension Fund)
 - Regional coefficient to support HEIs in the most vulnerable, currently front-line regions





Higher Education reforming in Ukraine

Initiatives of the Ministry of Education and Science of Ukraine*

- Reformed content for the "regulated professions" Medical, Maritime, etc.
- > Expansion of dual (cooperative) study programmes study + work for ECTS credits
- Particular emphasis on STEM and Computer Science Master level
- > Transformation of funding mechanism introduction of the state grants for students
- Autonomy
 - Organisational autonomy preparation of an experiment to strengthen the role of the Supervisory Board (stakeholders) in economic activity and decision making on leadership assignment / election Personnel autonomy – assignment of academic titles (Professor, Assistant Professor) by HEIs Financial autonomy – restoration of the Formula for the distribution of state funding in HE
- Mergers of HEIs modernisation and transformation of the HEIs network (217 public universities, MESU, 2023)





Priorities of VET reforms*

- The network of VET schools and professional pre-higher education institutions is effective and has modern infrastructure
- VET and professional pre-higher education ensure the acquisition of educational and professional competencies for personal development and successful careers
- VET schools and professional pre-higher education institutions are attractive and prestigious for learning and working
- Educational institutions effectively utilize their organizational, academic, and financial autonomy and receive results-oriented funding
- VET schools and professional pre-higher education institutions have established partnerships with businesses







Higher Education reform in Ukraine today All the efforts for the Victory of Ukraine!

- Redesigning the University Strategies considering challenges of the wartime and post-war recovery
- Enhancement of the digitalisation of teaching and learning excellence
- Strengthening the internationalization of higher education, e-internationalization
- Third mission, University-Community partnership under focus
- Academic contribution to the European integration processes (EU studies, European Studies)
- Redesigning, upgrading educational programs, establishing (joint) new (media literacy, cyber security, Post trauma and mental health, Ukrainian studies, curricular for negotiators and translators/interpreters on EU negotiation and accession stages, Resilience Studies etc.)
- Inclusive education
- Peace Education as Transformative Pedagogy
- Special study programs for the demobilized soldiers and veterans, their reintegration in society





Needs of Ukrainian HEIs coping with challenges of martial law

- Development/redesign inclusive&universal curricula and establishment of inclusive ecosystem
- Modern curricula professions of the future
- Open access of staff and students to innovative courses, resources and infrastructures, virtual labs
- COILS, virtual, blended and physical mobility for exchange for staff and students
- Inclusive teaching and learning excellence trainings on modern methodologies and technologies
- Joint Programmes and courses teaching and learning in English or other foreign languages
- Joint research
- Mental health recovery, project writing skills, presentation skills and other soft skills trainings for staff and students
- E-solutions for the University governance
- Infrastructure: laptops, minielectrostations or generators, (mirror) servers, virtual labs access and creation, artificial and added reality, simulators etc.





Ukrainian Scholars and Students - Ambassadors of Ukraine

- Giving lectures on Ukraine across the world
- Speaking at International conferences, world forums
- Initiating "Ukrainian Studies" and "The Ukrainian Language"
- Contributing intellectually to the academic environment of host institutions
- Intensifying joint research partnerships
- Demonstrating high level of commitment to their home institutions and dedication to support and contribute to the education process in the extremely difficult conditions of war
- Promote Ukraine among international students for <u>Study in Ukraine</u>

Erasmus+
Soft diplomacy –
Ambassadors of
Ukraine in world:
truth,
responsibility,
justice and trust

Education and **science diplomacy!**





Strategies: UA – EU – World

National Platform for the <u>Recovery Plan of Ukraine</u>

National Priorities of Reforms in Education and Science:

- affordable and quality pre-school education
- New Ukrainian School download;
- modern vocational education;
- quality higher education and development of adult education
- development of science and innovation
- innovative infrastructure
- Vision on the Future of Education and Science of Ukraine
- Higher Education Strategy 2032; MoES Ukraine Action Plan 2027
- VET Strategy 2023
- Adult Education Law Draft
- Ukrainian Youth Strategy 2030: Safe, Healthy, Capable, Integrated Youth
- Strategy in Sport
- Inclusive Strategy
- Ukrainian Global Innovation Vision 2030









- Roadmap to EU Membership



Open negotiations Ukraine

Candidate

countries

to join the





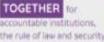


Recovery, resilience and reform: post-2020 Eastern Partnership Priorities





















FOR UNIVERSITIES

SUPPORTING AND ENABLING HIGHER EDUCATION INSTITUTIONS ACROSS EUROPE



Four key objectives

Tirana Communique and other **Documents**

Strengthen the
European dimension
in higher education
and research

Bringing transnational cooperation to a higher level contributes to a culture of excellence and inclusion, a true European identity, and global competitiveness and attractiveness Consolidate universities as lighthouses of our European way of life

Strengthen quality and relevance for future-proof skills

In a fast changing environment universities need to strengthen their capacities to equip young people, lifelong learners and researchers with the right competences and skills

Foster diversity, inclusiveness and gender equality

More institutional changes universities to of free become places of truly equal learning

Promote and protect European democratic values

Universities need to be places of freedom: for speech, though learning, research

A European shared vision to support all types of higher education institutions to adapt to changing conditions across all their missions

Priority areas for transformation based on clear objectives

Concrete actions at EU level to empower and support the sector

Synergies with actions and national reforms

https://erasmusplus.org.ua/en/news/enea-ministerial-conference-2024-29-05-2024-tirana/

Empower universities as key actors of change in the twin green and digital transitions

Develop skills, competences and technological innovation for the green and digital transition

Universities are key actors for the green transition and for a more sustainable world. We need to make 'connected universities' a reality Reinforce universities as drivers of Europe's global role and leadership

Universities are instrumental in building Europe's connections with the world 40 Ukrainian
universities has
joined 25
European
Universities
Alliances to
work together
on challenges





International cooperation during martial law April 2022 – December 2024: increased internationalisation



- ✓ individual support: scholarships, study/traineeship, teaching, training, research (bilateral agreements)
- ✓ projects to respond challenges of martial law: Erasmus+, Horizon Europe, other EU's initiative, OeaD, DAAD, French Institute, SI, GIZ, EAIE, EUA, EUF, IAU, British Council, Twinning, World Bank, USAID etc.
- ✓ structural and institutional support (HRD, capacities, equipment purchase for relocated HEIs etc.)
- ✓ € 5 million for digital ecosystem in higher education
- ✓ 2 new calls for youth and sport capacity building
- √ 40 HEIs joined European Universities Alliances
- √ 47 projects for capacity building in higher education
- ✓ 223 projects for European Studies of Jean Monnet
- ✓ 1000 other projects in education, youth and sport
- ✓ relocated russian budget to Ukraine

ERASMUS+ SOLIDARITY WITH UKRAINE:

- √ 200 million euros for Ukrainian <u>students and staff</u>
- ✓ €4.43 billion for projects <u>supporting Ukraine!</u>
- ✓ Over 3,000 Ukrainian teachers with access to eTwinning educational resources; 1,5M books for Ukrainian school pupils were published: school buses provided.



More opportunities opened: about 40 calls for proposals

More projects funded: education, youth and sport

More access to networks, resources and platforms:

eTwinning, EPALE, EQF, Eurydice, Euroguidance, Europass







Ukraine in Erasmus+ 2021-2024



- 8,173 international mobilities for Ukrainians' Universities staff & students
- 205 universities from Ukraine are on Erasmus+ mobility
- 1026 projects for leaning mobilities for young people (13-30 years old), youth workers and active citizenship exchanges;
- 9 Virtual Exchanges projects in higher education and youth, 16 HEIs, 6 NGOs;
- 13 Erasmus Mundus Joint Master Programmes design and implementation projects at 11 HEIs;
- 138 Master Degree students scholarships provided to Ukrainians;
- 142 Cooperation Partnerships projects in education, training, youth and sport with 42 education institutions in partnerships;
- 3 projects of Alliances for Innovations with Ukrainian industries and HEIs as partners;





Ukraine in Erasmus+ 2021-2024

- 47 projects on Capacity Building in Higher Education at 103 education institutions;
- 10 projects on Capacity Building in VET;
- 5 projects on capacity building projects in sport;
- 8 projects for capacity building in youth;
- 256 Jean Monnet (European Studies) projects with 72 HEIs;
- Creation of Digital University in Ukraine (EUR 5M);
- 32 HEIs, 2 organisations joined 32 European Universities Alliances and working together on the challenges in higher education in Europe;
- 1480 education institutions received access to European School Education Platform functioning under Erasmus + Programme;
- 21 eTwinning-projects awarded with National Quality Label, 17 with European Quality Label;
- 4 schools received eTwinning School Label;
- Open courses and resources at European School Education Platform, EPALE etc.;
- 13 Higher Education reform experts supported by Erasmus + Programme work side by side with the Ministry colleagues on higher education reforms.









elcome

Projects by ACTIONS - 2021, 2022, 2023, 2024 (<u>results platform</u>)	Funded year	Funded year	Funded year	Funded year	4 years	
Calls for Proposals	2021	2022	2023	2024	Total	
KA1 Learning mobility for Youth	228	347	348	103	1026	
KA152. Youth Exchanges	119	184	196	69	568	
KA123. Youth Workers	102	154	138	30	424	
KA154. Youth Participation	7	9	14	4	34	
KA1 International (Credit) Mobility	4248		3925		8173	
KA 1 Virtual Exchanges	2	1	3	3	9	
KA2: Cooperation Projects in Education and Youth (CPs):	21	27	80	tbc	134	
KA220-YOU. Cooperation Projects in Youth	8	13	21	1	43	
KA220-SCH. Cooperation Projects in School Education	2	3	7		12	
KA220-VET. Cooperation Projects in VET	3	1	7		11	
KA220-HED. Cooperation Projects in Higher Education	3	9	40	5	57	
KA220-ADU. Cooperation Projects in Adult Education	5	1	5		11	
Cooperation Projects in Sport:	2	3	9		14	
KA2 Alliances for Innovations			3		3	
KA2 Centres of Vocational Excellence			1		1	
KA2 European Universities Alliances	NA	2	18	12	32	
KA231. Erasmus Mundus Joint Master Projects (full/associated partners)	1	1	2	6	10	
KA231. Erasmus Mundus Design Measures (grantholders/partners)	0	2	1	0	3	
KA231. Erasmus Mundus Joint Master Scholarships	36	64	23	17	140	
KA211. Capacity Building in Higher Education	NA	13	20	14	47	
KA233. Capacity Building in VET	NA	2	1	7	10	
KA2. Capacity Building for Sport	NA	NA	NA	3	5	
KA2. Capacity Building for Youth	NA	NA	NA	4	8	
_ Jean Monnet	38	93	90	35	256	
Funded by the European Union Funded by the European Union Frasmus+UA Projects with Ukraine - download					Erasmus+ Enriching lives, opening minds	

Who we are – Erasmus Generation: in Ukraine 2014 – 2024

#ErasmusPlus opportunities: for Ukraine 2021-2027

- Over 6000 projects funded in education, youth and sports for staff, students, youth, long-term partnerships, capacity and infrastructure development
- Over 30 000 international mobilities in higher education of students and staff
- Over 34 000 youth learning mobilities
- Long term cooperation with EU and among Ukrainian Universities (250 HEIs): experts pool, new (joint) curricula, innovations, cooperation with business
- Erasmus students networks in Ukraine
- + Erasmus families and kids [©]



We invite you to collaborate actively with Ukrainian universities under over 30 <u>Erasmus+</u> opportunities!!!

- Over 30 calls are open as partner NON associated to Erasmus+ under different actions:
- International mobility for HEIs and VET (physical/blended)
- Learning mobility for youth
- Virtual Exchanges
- Erasmus Mundus Joint Programmes
- Capacity Building in Higher Education, VET, youth, sport (staff/content/infrastructure)
- Jean Monnet (teaching/research/platforms)
- Cooperation Partnerships for Innovations
- European Universities and other Alliances
- Open resources and networks: European School Education Platform, eTwinning, EPALE etc.









Ukraine and people in Ukraine defend all world

Official information for those who are interested to <u>HELP Ukraine</u>:

https://war.ukraine.ua/supportukraine/

SpivDiia:

https://spivdiia.org.ua/en

For education and science reconstruction and restoration:

https://mon.gov.ua/eng/united24-zbir-koshtiv-na-vidbudovu-sferi-osviti-ta-nauki-ukrayini

UNITED24

https://u24.gov.ua/

https://supportukrainenow.org/



BRAVERY[®] IS IN OUR DNA







Ukraine needs more anti missile defence systems and weapons to protect civilians – please help!!!



#StandWithUkraine

You are welcome to contact for help National Erasmus+ Office and Higher Education Reform Experts – team

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