

Cooperation with Ukrainian HEIs under new Erasmus+ programme and topics for cooperation with Eastern Partnership Countries



National Erasmus+ Office in Ukraine





UKRAINIAN HIGHER EDUCATION INSTITUTIONS

Higher Education Institutions total – 803 (*Ministry' web-site*)

Higher Education Institutions Types (2013/2014)

•Universities: 198 Academies: 62

•Institutes: 83 Conservatory: 1

•Colleges: 245

•Professional schools: 117 Technical schools: 97

•HEI of III-IV (Bachelor, Specialist, Master, Ph.D): 325

(Public – 229 (incl. 14 Municipal HEIs); Private – 96)

•HEI of I-II (Junior specialist, Bachelor): 478

(Public – 407 (incl. 207 Municipal HEIs); Private – 71)

•More then 2 mln students in HEIs, including over 1,7 mil students in HEIs of III-IV levels

UKRAINE HIGHER EDUCATION SYSTEM

EDUCATION STRUCTURE	LEVELS (DEGREES), education confirming document	PERIOD OF STUDY (years, ECTS credits)	EHEA CYCLES, ISCED levels
Higher education	Doctor of Sciences (postdoctoral academic degree), Diploma	3 years	
	Doctor of Philosophy, PhD (academic degree), Diploma	4 years	III cycle 8 level, ISCED 2011
	Master (academic degree), Diploma	90-120 ECTS (300-360 ECTS for program in Medicine, Veterinary, Pharmacy)	II cycle 7 level, ISCED 2011
	Bachelor (academic degree), Diploma	180-240 ECTS	I cycle 6 level, ISCED 2011
	Junior Bachelor (academic degree), Diploma	90-120 ECTS	short cycle I cycle 5 level, ISCED 2011
Vocational education	Junior Specialist, Diploma	2-3 years (based on complete secondary education) 3-4 years (based on basic secondary education)	4 level, ISCED 2011
	Qualified worker, Diploma	1-1,5 years (based on complete secondary education) 3 years (3-4 based on basic secondary education)	4 level, ISCED 2011

LEGAL DEVELOPMENTS IN HIGHER EDUCATION

- Decree of the Cabinet of Ministers "On approval of the National Qualification Framework" (2011)
- Action Plan for introduction of the National Qualification Framework was adopted by Joint Order of the Ministry of Education and Science and the Ministry of Social Policy (2012)
- National Education Development Strategy till 2021 (2012) http://www.mon.gov.ua/images/files/news/12/05/4455.pdf
- New Law on Higher Education has been approved by the Parliament of Ukraine (July 2014) and signed by the President (August 2014)
- Draft Law on Amendments to Budget Code in implementation of Law on Higher Education was registered by the Parliament's Committee on Education and Science (2014)
- In line with new Law on Higher Education the Cabinet of Ministers of Ukraine should be established the Independent National Quality Assurance Agency by September 2015

New Law in HE foresees the following:

- level of HE "Specialist" will be eliminated
- "Junior Bachelor" will become the short-cycle within HE 1st cycle
- Junior Specialist will be moved to the Vocational Education
- introduction of 3 cycle system including the level of PhD
- Independent National Agency on HE quality assurance is to be created
- expansion of autonomy and academic freedom, student selfgovernment in HEIs
- academic standards should comply with NQF (NQF as an basic for development of academic standards and curricula)
- curricula should be developed on competence-based approach using learning outcomes (ECTS implementation)
- for the period of academic mobility the status and stipend, salary and work place at the university will be retained for students and academics, respectively
- universities are to be granted the role to recognise degrees/diplomas of foreign universities



MAIN CHALLENGES / project ideas

- Implementation of the Law on Higher Education of Ukraine
- Restoration and intensification of international cooperation in education and science (capacity building)
- Establishment and capacity building for Independent National Quality Assurance Agency
- Adopting best practices in transforming Education and Science policy domains
- Legislative advice, expertise to enhance the system of HE
- Development of educational programmes in dual languages (joint curricular – double/multiple diplomas)
- Enhancement of English language proficiency among university staff and public servants
- Development of Lifelong Learning programmes
- Integration of Bologna instruments in development and implementation of curricula

Ideas for cooperation (as specified by UA universities) - examples:

- Development of Joint Master programmes in Medicine
- Interactive curriculum in tourism services
- Modernising curriculum in iCloud Traffic Control
- Master programme in Packaging Machines and Technology
- Modernization of Undergraduate and Master programs in Journalism including civic / participatory journalism courses
- Lifelong learning programme in Green Transportation
- LLL in entrepreneurship and ICT

And other topics (Partnership search files and web-site)



Statistics for Ukraine in EU funded programmes 1993-2013



Tempus IV

94 projects including: Joint projects: 76

Structural Measures: 18

National projects: 20

Multi-country projects: 74

EU - 27/ PC 14

<u>Tempus I – III (not final):</u>

258 projects including:

Joint projects: 115

Structural Measures: 29

Individual Mobility: 100

Compact Projects: 14

XL table with projects

Erasmus Mundus

Action 1: about 400 mobilities
Action 2: over 40 HEIs in 29
partnership for providing about
1800 mobilities

Jean Monnet

Modules, Chairs, Centers of Excellence, Network, Information and research: 28 (+10 new)

HEIs in EU-funded programmes: Tempus total - 135 (116 with 50 newcomers in Tempus IV)

Erasmus Mundus (Action 2): 56+9

Jean Monnet: 28 (+10 in 2014 under E+)

EU UNIVERSITIES IN PARTNERSHIPS WITH UKRAINIAN IN TEMPUS IV (t/a)

Germany	41 (21)	L	.atvia	11 (1)		
UK	33 (10)	Fi	nland	10 (3)		
Italy	31 (2)	Lit	huania	9 (5)		
Spain	30 (3)	Ro	mania	9 (1)		
Sweden	27 (14)	E:	stonia	9 (1)		
Poland	22 (4)	Slo	ovenia	8 (1)	8	
Austria	20 (4)	Hı	ungary	5		
France 18 (4)			Czech Republic 4 (1)			
Portugal	18 (1)	Ir	eland	4		
Portugal Belgium	18 (1) 9 15 (5)		eland enmark	4 3		
	15 (5)	De		•		
Belgium	15 (5) ands 14 (2)	De C	nmark	3		
Belgium The Netherl	15 (5) ands 14 (2) 12 (2)	De C	nmark roatia	3		
Belgium The Netherl Slovakia	15 (5) ands 14 (2)	De C	nmark roatia yprus	3		

PARTNER COUNTRIES COOPERATED WITH UKRAINE IN TEMPUS IV



Tempus IV database at web-site available



National Tempus / Erasmus+ Office in Ukraine



Main page About us News Events Tempus-Ukraine@20 Partners search Contacts

ENG UKR

Map of Tempus IV Projects



UKRAINIAN UNIVERSITIES ACTIVE IN TEMPUS IV

- ✓ National Technical University of Ukraine Kyiv Polytechnic Institute 13 projects
- ✓ Zhukovsky National Aerospace University "Kharkiv Aviation Institute" 12 projects
- ✓ Taurida National V.I. Vernadsky University 12 projects
- ✓ Taras Shevchenko National University of Kyiv 11 projects
- ✓ Khmelnytsky National University 10 projects
- ✓ Odessa National Polytechnic University 10 projects
- ✓ National Technical University "Kharkiv Polytechnical Institute" 9 projects
- ✓ Lviv Polytechnic National University 9 projects
- ✓ Sumy State University 9 projects
- ✓ Yuriy Fedkovych Chernivtsi National University 8 projects
- ✓ Kharkiv National University of Radioelectronics 8 projects
- ✓ Ivan Franko National University of Lviv 8 projects
- ✓ National Metallurgical Academy of Ukraine 7 projects
- ✓ Ivano-Frankivsk National Technical University of Oil and Gas 7 projects
- ✓ Donetsk National Technical University 6 projects
- ✓ V.N. Karazin Kharkiv National University 6 projects





TEMPUS PROJECTS FOCUSED ON

- Curricular modernization: engineering and technology, ecology, environment protection, architecture, land management, GIS technology, IT, economics, business administration, banking, European studies, social work etc.
- Policies and procedures on internal quality assurance, internationalization mechanisms, students support services etc.
- Teachers network, competence centers, innovation and technology transfer centers, start-ups and spin offs, leadership training for university managers, LLL etc.



About us News

Erasmus+

TEMPUS IV

Partners search Useful Information

ERASMUS+ - is the European Union Programme for 2014-2020 to support projects, partnerships, events and mobility in the areas of education, training, youth and sport.

Learn more about opportunities it can offer organisations and individuals from outside the EU.



KA1.

Learning Mobility

KA2.

higher education

Cooperation for Innovation and Good Practices

Capacity Building

Knowledge Alliances

Strategic Partnerships

KA3.

higher education

Support to Policy Reforms

National HERE Team

Publication

Events

European Studies

Jean Monnet

Projects Database

higher education

Tempus IV

Projects Database and News

Tempus IV Projects Map

Higher

Education in Ukraine

EDUCATION, AUDIOVISUAL AND CULTURE EXECUTIVE AGENCY

ERASMUS+ NATIONAL AGENCIES IN PROGRAMME COUNTRIES

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Poll

What is your attitude to Bologna Procces?

- positive
- negative
- dubious
- what is it?

Vote

Contact



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Priorities – Categories/Themes

Themes	Curriculum	Governance	Higher
	Development	and	Education and
		Management	Society
Categories			
A. Subject Areas	X		
B. Improving quality of	X	X	X
education and training			
C. Improving Management		X	X
and operation of HEIs			
D. Developing the HE sector		X	X
within society at large			18

EASTERN PARTNERSHIP – REGION 2

- Azerbaijan
- Armenia
- Belarus
- Georgia
- Moldova
- Ukraine













Regional Priorities Eastern Partnership – (1/2)

http://eacea.ec.europa.eu/erasmus-plus/funding/key-action-2-capacity-building-in-field-higher-education-2015 en

Category A-Subject Areas: For JPs only Curriculum development projects

 Teacher training and education science; Social and Behavioural Science; Law; Physical sciences; Agriculture, forestry & fishery; Health; Environmental protection

Category B: (JP&SP)
Improving quality of education & teaching

SUPPORT TO:

•Learning and teaching tools, methodologies and pedagogical approaches including learning outcomes and ICT-based practices (inter alia, flexible learning paths, blended courses, virtual and real mobility, practical placements etc

Regional priorities- Eastern Partnership- R2 (2/2)

Category C: (JP & SP) Improving manageme nt & operation of HEIs

- •Governance, strategic planning and management of HEIs (including human resource and financial management).
- •Internationalization of Higher Education Institutions (including recognition mechanisms and mobility, international relations capacities
- •Access to and democratisation of higher education (including the disadvantaged groups of people and regions).

Category D: (JP&SP) Developing the HE sector within society at large

- •<u>University-enterprise cooperation</u>, employability of graduates.
- •Knowledge triangle, innovation (reinforcing links between education, research and business).
- •<u>International cooperation at regional level</u> (among countries from same region) or cross-regional level (among countries of different regions)

Erasmus+ projects with Armenia

Extended network of "Tempus/Erasmus Mundus-experienced" public and private HEIs (currently 29 ongoing Tempus and 18 ongoing EMA2 projects)

- Open for regional /cross-regional cooperation and coordination
- Gaps to be filled:
 - Improvement of university management, especially HRM sphere
 - Tuning approach in respect to developing curricula on bachelor, master and PhD levels in prioritised subjects
 - Improvement of Master and PhD programmes / Development of research and innovative capacities in the field of ENGINEERING, HEALTH, ENVIROMENTAL PROTECTION
 - Learning and teaching tools, methodologies and pedagogical approaches including learning outcomes and ICT-based practices
 - Focus on internationalization (students and staff exchanges)
 - Definition, implementation and monitoring of the reform policies
- Contact: <u>www.erasmusplus.am</u> / <u>neo@erasmusplus.am</u>

Erasmus+ projects with Azerbaijan

Extended network of "Tempus/Erasmus Mundus-experienced" public and private HEIs

- Total of 53 HEIs (37 public and 16 private) with a total of 173 148 students
- Currently 23 ongoing Tempus project with and 18 ongoing EMA2 projects involving more than 50% of all HEIs
- Open for regional and cross-regional cooperation
- Open for project coordination (total of 6 projects coordinated by local HEIs in Tempus IV, first one starting in 2010 and already successfully closed)
- Three cycle HE system, ECTS, DS
- Gaps to be filled:
 - Curriculum development in the field of Oil and Gas
 - National Qualifications Framework
 - Development of more joint/multiple degree programmes (JMD included) on Engineering with high quality Universities such as Azerbaijan Diplomatic Academy (www.ada.edu.az)
 - Improvement of PhD programmes / Development of research and innovative capacities
 - Focus on internationalization (students and staff exchanges)
- Contact: www.erasmusplus.org.az
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NATIONAL PRIORITIES – BELARUS (1/2)

Category A-Subject Areas: For JPs only Curriculum development projects

Teacher training and education science;
Business Administration; Life sciences;
Physical sciences; Computing; Architecture and construction; Agriculture, fishery and forestry; Health

Category B: (JP&SP)
Improving quality of education & teaching

- Bologna Process (cycle system, ECTS, DS etc.)
- Learning and teaching tools, methodologies and pedagogical approaches including learning outcomes and ICT-based practices (inter alia, flexible learning paths, blended courses, virtual and real mobility, practical placements etc.)



NATIONAL PRIORITIES – BELARUS (2/2)

Category C: (JP & SP) Improving management & operation of HEIs

- Governance, strategic planning and management of HEIs (including human resource and financial management).
- University services
- Internationalization of HEIs
- Quality_assurance_processes and mechanisms



Category D:
(JP&SP)
Developing
the HE sector
within society
at large

- Lifelong Learning
- Knowledge triangle, innovation (reinforcing links between education, research and business).



Erasmus+ projects with Georgia*



Extended network of "Tempus/Erasmus Mundus-experienced" public and private HEIs (currently 36 ongoing Tempus and 15 ongoing EMA2 projects involving up to 50% of all HEIs)

- Open for regional/ cross-regional cooperation and coordination
- Three cycle HE system, ECTS, DS, NQF, internal and external QA systems in place
- Gaps to be filled:
 - Improvement of university management
 - Development of more joint/multiple degree programmes (JMD included)
 - Improvement of PhD programmes / Development of research and innovative capacities
 - Focus on internationalization (students and staff exchanges)
- Contact: <u>www.erasmusplus.org.ge</u> / <u>erasmus.georgia@gmail.com</u>

NATIONAL PRIORITIES – MOLDOVA (1/2)

Category A-Subject Areas: For JPs only Curriculum development projects

Teacher training and education science; Social and Behavioural Science; Business and Administration; Life sciences; Mathematics and Statistics; Computing; Engineering and engineering trades; Agriculture, Forestry and Fishery; Health; Environmental Protection

Category B: (JP&SP)____

Improviquality of education & teaching

•Learning and teaching tools, methodologies and pedagogical approaches including learning outcomes and ICT-based practices (inter alia, flexible learning paths, blended courses, virtual and real mobility, practical placements etc.)

NATIONAL PRIORITIES – MOLDOVA (2/2)

Category C: (JP & SP) Improving management & operation of HEIs

- Governance, strategic planning and management of HEIs (including human resource and financial management).
- Internationalization of Higher Education
- Quality assurance processes and mechanisms.
- Development of research and innovative capacities (excluding research activities).

Category D: (JP&SP) Developing the HE sector within society at large

- Lifelong Learning
- •Development of Schools and Vocational Education at post-secondary, non-tertiary educational level
- Qualification frameworks and recognition of qualifications



NATIONAL PRIORITIES – UKRAINE (1/2)

Category A-Subject Areas: For JPs only Curriculum development projects

Teacher training and education science; Social and Behavioural Science; Life sciences; Physical sciences; Computing; Engineering and engineering trades; Architecture and building; Health; Transport services; Security services

Category B: (JP&SP)

Improving quality of education & teaching

 Learning and teaching tools, methodologies and pedagogical approaches including learning outcomes and ICT-based practices (inter alia, flexible learning paths, blended courses, virtual and real mobility, practical placements etc.)

Multidisciplinarity / Interdisciplinarit

NATIONAL PRIORITIES – UKRAINE (2/2)

Category C: (JP & SP) Improving management & operation of HEIs

- Governance, strategic planning and management of HEIs (including human resource and financial management)
- Quality assurance processes and mechanisms
- <u>Development of research</u> and innovative capacities (excluding research activities)

Category D:
(JP&SP)
Developing
the HE sector
within society
at large

- University-enterprise cooperation, employability of graduates.
- Qualification frameworks and recognition of qualifications
- Knowledge triangle, innovation (reinforcing links between education, research and business).

Partnership Search Erasmus+



The interested Universities and other organizations are invited to express their interest for cooperation with Ukrainian to apply for EU-funded educational programmes. Please send to office@erasmusplus.org.ua your forms for partnership search as per below:

PARTNER SEARCH FORM FOR COOPERATION IN ERASMUS+: Capacity Building in Higher Education - CBHE (ex-Tempus) http://erasmusplus.org.ua/en/partners-search/32-partners- search.html

- Name of your university/institution/industry or company interested in participating in project:
- Main field of activities of your institution interested for foreign partners:
- Information about the intended project:
- Project proposal/description (objectives, activities, expected outcomes):
- Previous international experience:
- Please contact: (person, position, e-mail, skype, tel etc.)
- Forms submitted could be read from the link: http://erasmusplus.org.ua/en/partnerssearch.html
- Useful contacts of National Agencies: http://ec.europa.eu/programmes/erasmus- plus/national-agencies en.htm
- **Useful Contacts of National Erasmus+ Offices:** http://eacea.ec.europa.eu/tempus/tools/contacts national tempus offices en.ph

Thank you for your cooperation!

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