



Doctoral education and the war in Ukraine

GANNA TOLSTANOVA

Vice-Rector for Research

Taras Shevchenko National University of Kyiv,
Ukraine (ganna.tolstanova@knu.ua)

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LANDSCAPE OF DOCTORAL EDUCATION IN UKRAINE



25 668 PhD students



Taras Shevchenko National
University of Kyiv

1047 PhD students **(4,1 %)**

*Training covered
from the State*

Full-time

408 institutions have PhD programs:

- **231 Universities – 23 469 PhD students (91,4 %)**
- **177 Research Institutes – 2 199 PhD students (8,6 %)**

- Annual report of the National Agency for Higher Education Quality Assurance. URL: <https://naqa.gov.ua/wp-content/uploads/2022/02/%D0%97%D0%B2%D1%96%D1%82-2021.pdf>
- Report on the work of postgraduate studies (2021) of Taras Shevchenko National University of Kyiv. Section I. Number of postgraduates, admission and graduation

TRANSITION TO THE EUROPEAN MODEL OF DOCTORAL EDUCATION

(in the framework of Bologna process)

Since 2016

TRAINING OF CANDIDATES OF SCIENCES

3 years

Researcher

More than 500 scientific
specialties

The passport of the scientific
specialties

The defense of thesis takes place
in permanent specialized
academic councils

TRAINING OF PhD STUDENTS

4 years

Student

40 specialties (15 fields of knowledge)
harmonized with 38 ISCED-F (in 2021)

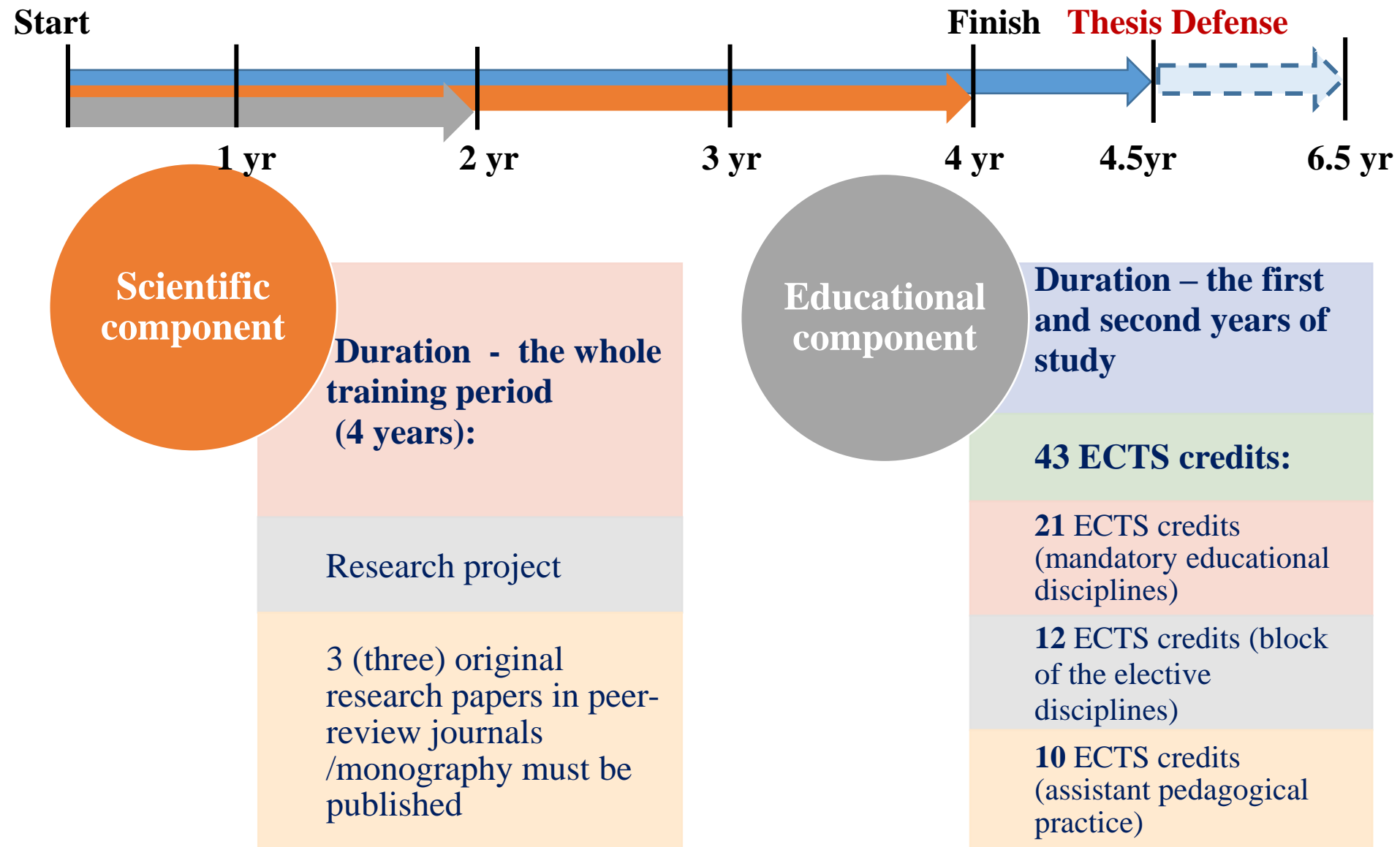
The standards of educational and
scientific programs for the specialties
(in 2022)

Accreditation of educational and
scientific programs

Intensification of academic mobility

The defense of thesis takes place **in one-
time** specialized academic councils

GENERAL STRUCTURE OF PhD PROGRAM IN UKRAINE



REFORM OF DOCTORAL EDUCATION IN UKRAINE & OPPORTUNITIES FOR INTERNALIZATION

- ✓ **Two PhD supervisors based on the Inter-institutional Agreement**

MEMBERS OF ONE-TIME SPECIALIZED ACADEMIC COUNCILS

5 experienced researchers in the scientific field of PhD thesis

HEAD OF THE COUNCIL
(staff employee of UHE)

TWO REVIEWERS
(one foreigner)

TWO OPPONENTS
(might be foreigners)

- ✓ **Language of Defense - Ukrainian/English**
- ✓ **Language of PhD thesis - Ukrainian/English**
- ✓ ***Cotutelle* – one defense – 2 PhD Diplomas**

JOINT INTERNATIONAL SUPERVISION OF THE PhD STUDENTS (SINCE 1999)

Cotutelle



• FACULTY OF ECONOMICS (3 AGREEMENTS)

UNIVERSITY OF NORDLAND
UNIVERSITETET I NORDLAND



• FACULTY OF CHEMISTRY (2 AGREEMENTS)

UNIVERSITY OF TOULOUSE
L'UNIVERSITÉ DE TOULOUSE

UNIVERSITY OF ANGERS
UNIVERSITÉ D'ANGERS



• EDUCATIONAL AND SCIENTIFIC INSTITUTE OF HIGH TECHNOLOGIES (1 AGREEMENT)



CLAUDE BERNARD LYON 1 UNIVERSITY
UNIVERSITÉ CLAUDE-BERNARD LYON 1



• FACULTY OF MECHANICS AND MATHEMATICS (1 AGREEMENTS)

UNIVERSITY OF TOULON
UNIVERSITÉ DE TOULON



• FACULTY OF GEOGRAPHY

! (1 AGREEMENT AT THE STAGE OF SIGNING)

TALLINN UNIVERSITY
TALLINNA ÜLIKOO



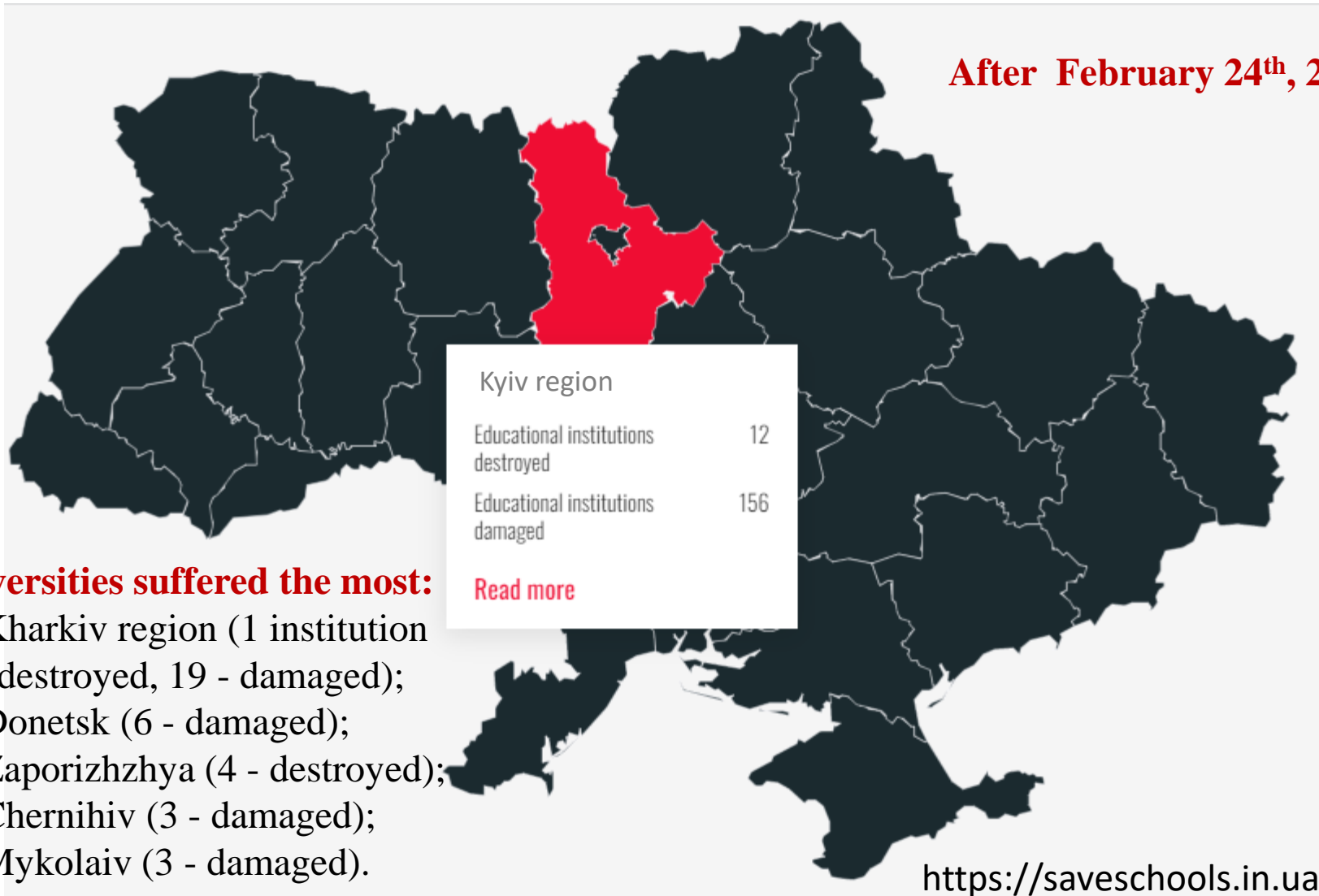
• EDUCATIONAL AND SCIENTIFIC INSTITUTE "INSTITUTE OF GEOLOGY" (1 AGREEMENT)

UNIVERSITY OF LORRAINE
UNIVERSITÉ DE LORRAINE



43 Universities were damaged in the conditions of constant shelling and bombing of the regions of Ukraine by Russian invaders

After February 24th, 2022



Universities suffered the most:

- Kharkiv region (1 institution was destroyed, 19 - damaged);
- Donetsk (6 - damaged);
- Zaporizhzhya (4 - destroyed);
- Chernihiv (3 - damaged);
- Mykolaiv (3 - damaged).

<https://saveschools.in.ua/en/>

CHALLENGES THAT FACE UKRAINIAN RESEARCH SYSTEM AFTER WAR STARTED

Human resources (statistical data from TSNUK)

- ✓ Up to 15% of PhD students fled Ukraine (mostly female)
- ✓ Only 10% of fled PhD students found opportunities for Academic mobility
- ✓ Three times increased number of PhD students who temporarily interrupted their study vs. the same period in 2021
- ✓ Some PhD students voluntarily mobilized in Armed Forces of Ukraine

Research Grants

- ✓ The State budget allocated for Research has been cut twice by 10%
- ✓ The National Research Foundation of Ukraine stopped their operation

Research Infrastructure

- ✓ The State budget allocated for infrastructure projects and equipment has been cut by 100%
- ✓ The operation of core facilities has been interrupted because of lack of high qualified employees or damages

TWO WAY STREET

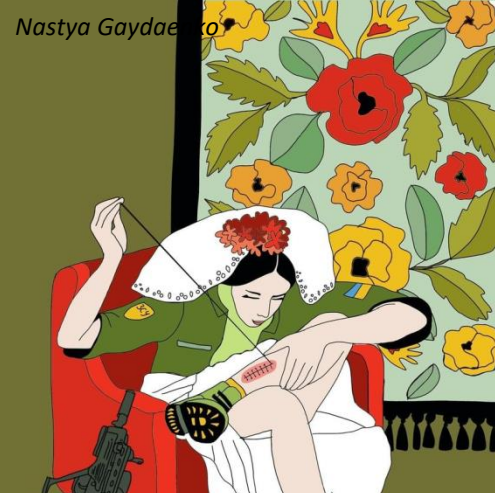
Ukraine-EU countries

- **Short-term actions**

- provide theoretical training for PhD students on-line (1st and 2nd year PhD students)
- run workshops for PhD students about Policy changes related to Defense Procedures during the War (4th year PhD students)
- run workshops for both PhD students and their supervisors on the research funds and scholarships outside of Ukraine (1st-3rd year PhD students and their supervisors).

- **Long-term actions**

- Increase the number of *Cotutelles* (we need more information about funding options for Cotutelles in EU)
- Joint PhD programs



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