

# **New Network Master Program „Nuclear and Radiation Safety“**

**Prof. Tatsiana Savitskaya, Belarusian State University,  
academic coordinator of the RADIUM project**

**Workshop  
Minsk  
8-9 February 2022**



Co-funded by the  
Erasmus+ Programme  
of the European Union

## RADIUM PROJECT

**RADIUM** is an Erasmus+ Capacity Building in Higher Education (CBHE) project funded by the European Commission managed by its Education, Audiovisual and Culture Executive Agency (EACEA).

**Goal:** Promotion of qualified education in Radiation Protection and Nuclear Safety Culture in the Republic of Belarus to ensure a safe use of nuclear power in Europe.

**The two-years RADIUM Master (120 ECTS) in Radiation Protection and Nuclear Safety is the main result.**



Co-funded by the  
Erasmus+ Programme  
of the European Union

# CONSORTIUM



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

University of  
Bologna



Belarusian State  
University



UNIVERSITAT  
POLITÈCNICA  
DE VALÈNCIA

Polytechnic  
University of  
Valencia



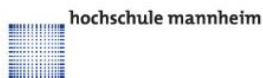
Francisk Skorina  
State University



Polotsk State  
University



Hasselt University



Hochschule  
Mannheim  
University of  
Applied Sciences



Belarusian State  
University of  
Informatics and  
Radioelectronics



Polessky State University

Polessky State  
University

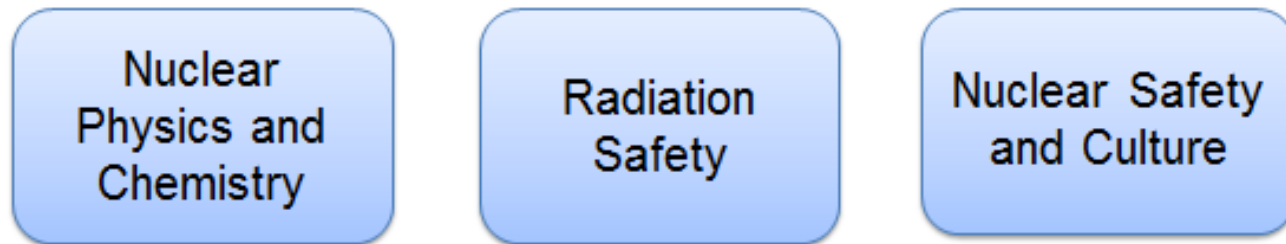


Yanka Kupala  
State University of  
Grodno

# MASTER PROGRAM

New experience with novel type of MS program: in a network form

## *Program Main Modules*



- The training within each module is provided by several universities for a wide spectrum of competencies
- BSU is a basic University, Labs in BY Universities, Radiation and Environmental Internship (Gomel Region)
- Bilingual, Unit “EU practice in Nuclear Safety”
- Master Thesis Research in any partner BY/EU University

# MASTER PROGRAM has been discussed



## Representatives:

Ministry of Education of Belarus

National Institute for Higher Education



Belarusian Nuclear Power Plant

Unitary Enterprise "ATOMTEX"



Department of Nuclear and Radiation Safety

State Production Association of the Electric Power Industry "Belenergo"

Republican Center for Positron emissions tomography

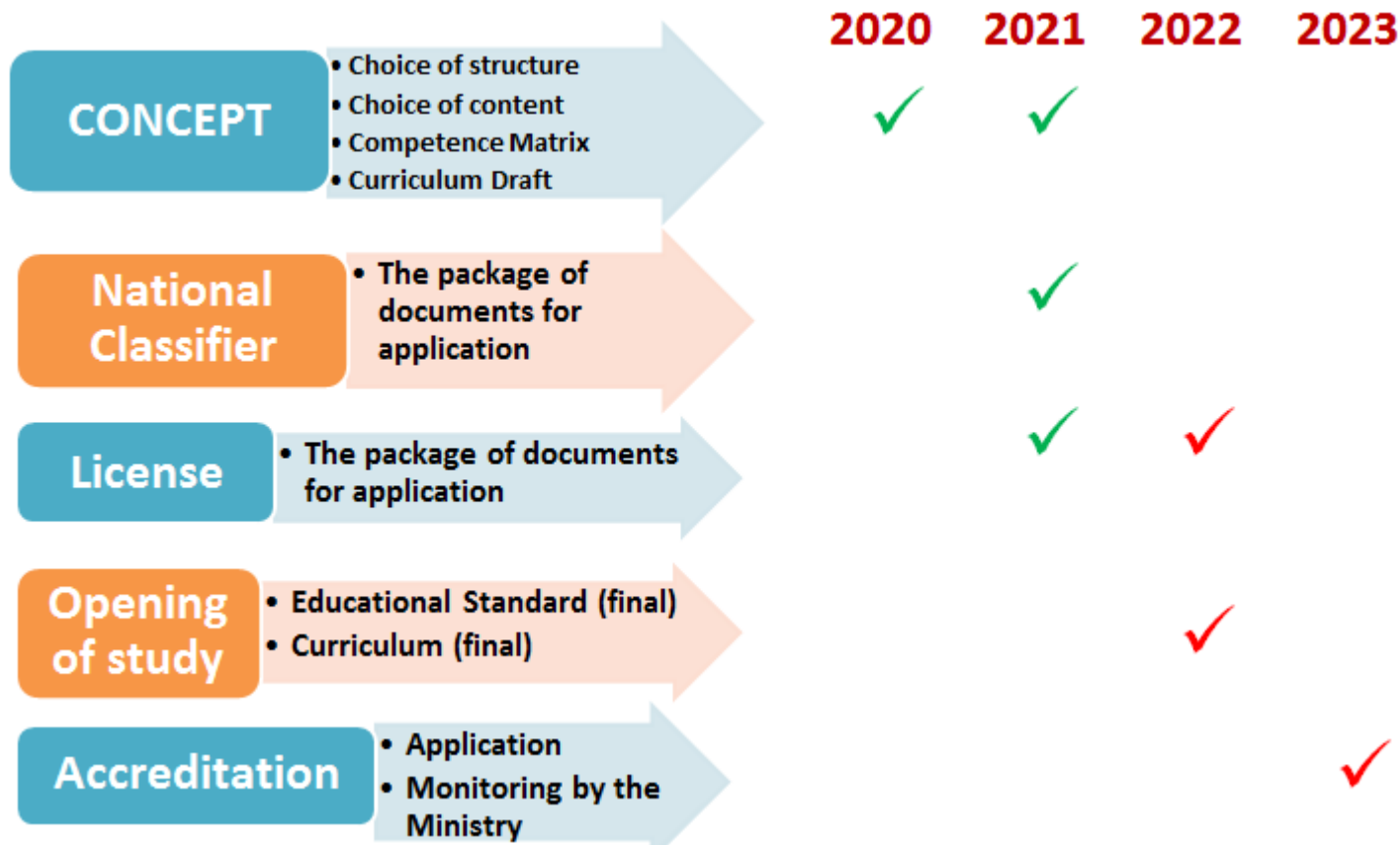
Scientific and Engineering Centre for Nuclear and Radiation Safety



Unitary Enterprise "Self-supporting pilot production IBOCH NAS of Belarus"



# ROAD MAP



# CONCLUSION

- **New specialty 1-100 80 01 "Nuclear and Radiation Safety"**  
*Profiling: Radiation Protection and Nuclear Safety Cultur is registered in the National Classifier of the Republic of Belarus "Specialties and Qualifications"*

## **Comments:**

- ✓ ***to create flexible education system (Jo Johnson, a British politician who was Minister of State for Universities, said in 2017: Here's the big idea: students should be able to move seamlessly between higher education providers, picking the academic credits along the way to create their own degree package")***
- ✓ ***to educate students towards analytic, resourceful and inventive nuclear specialists*** by combining the joint state-of-the-art know-how of the participating universities
- ✓ ***students would need extensive, bespoke guidance***
- ✓ ***program in a network form provides a platform for the development of joint programs with EU universities in future***

# THANK YOU

## QUALITY MANAGEMENT

**GRS** is certified by the TÜV Cert, Germany according to DIN EN ISO 9001:2015.



## CONTACT

Gesellschaft für Anlagen- und Reaktorsicherheit (GRS) gGmbH  
Schwertnergasse 1  
50667 Köln  
GERMANY



Tel.: +49 (0) 221 2068-0  
Fax: +49 (0) 221-2068-9946

[www.grs.de](http://www.grs.de)  
[info@grs.de](mailto:info@grs.de)