



**EXPERIENCE AND NEW EDUCATIONAL  
PROJECTS OF THE INTERNATIONAL SAKHAROV  
ENVIRONMENTAL INSTITUTE OF BSU,  
ORIENTED TO THE DEVELOPMENT OF  
INTERNATIONAL COOPERATION**

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*Legal status:*

**INTERNATIONAL SAKHAROV ENVIRONMENTAL INSTITUTE OF  
BELARUSIAN STATE UNIVERSITY**

***BRIEF HISTORICAL INFORMATION***

**20 October, 1992** - the Decree of the Council of Ministers of the Republic of Belarus on the establishment of the International Sakharov College of Radioecology (ISCR). The College was created with the purpose to solve problems of minimizing the consequences of the global Chernobyl disaster.

**1994** - ISCR was transformed into International Sakharov Institute of Radioecology (ISIR).

**1999** - ISIR was transformed into International Sakharov Environmental University (ISEU).

**2015** - ISEU was transformed into International Sakharov Environmental Institute of Belarusian State University

# Main profile of ISEI BSU

**1. RADIOECOLOGY; 2. HUMAN ECOLOGY; 3. ENVIRONMENTAL EDUCATION**

*INSTITUTE STRUCTURE: Faculty of Environmental Monitoring;  
Faculty of Environmental Medicine; Faculty of Advanced Training  
and Retraining; 10 profile and 3 general educational Chairs;  
ISEI BSU branch in Yerevan (Armenia)*



- Chair of Nuclear and Radiation Safety;
- Chair of General and Medical Physics;
- Chair of Environmental Monitoring and Management;
- Chair of Energy Efficient Technologies;
- Chair of Environmental Information Systems;
- Chair of Social-Humanitarian Sciences and Sustainable Development.
- Chair of Supplementary Education.
- Chair of Environmental Chemistry and Biochemistry;
- Chair of Immunology and Environmental Epidemiology;
- Chair of Environmental Medicine and Radiobiology;
- Chair of General Ecology, Biology, and Environmental Genetics;
- Chair of Linguistic Disciplines and Intercultural Communication;
- Chair of Physical Education.

**Educational programs of higher education of I and II levels, postgraduate (PhD course) and additional education are being implemented.**

# MAIN TASKS AND GOALS OF INTERNATIONAL ACTIVITY OF THE INSTITUTE



- 1. Promote the quality of specialists training who are competitive in the modern labor market;**
- 2. Increase the BSU rating in the international arena, including through the effective implementation by the ISEI BSU of the functions of the base organization of the CIS member states in the field of environmental education;**
- 3. Increase the volume of export of educational services of the Institute.**

# MAIN INSTITUTE'S STATUS FUNCTIONS



- The Institute is the base organization of the CIS member states in the field of environmental education
- Publishes the BSU scientific journal. Ecology series
- Hosts an annual scientific conference "Sakharov Readings"
- ISEI BSU is the IAEA's base organization for the of CIS specialists retraining on radiation protection and safety of ionizing radiation sources
- Head organization of the sub-program of the *State Program of Scientific Research 10 "Environmental Management and Ecology" sub-program 3 "Radiation and Natural Systems"*

# ISEI BSU is the base organization of the CIS member states on environmental education

(decision of the Council of Heads of Government of the Commonwealth of Independent States of 25 November 2005)



As at 01.05.2017, the Public Council of the base organization of the CIS member states on environmental education includes **19** representatives of higher education institutions and scientific organizations from the CIS countries: *Armenia, Belarus, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan*



# Separate educational projects: **YEREVAN BRANCH**

The Yerevan branch provides the first stage of higher education training in correspondence form in the specialty:

• **1-33 01 05 Medical Ecology**



- **Duration of training - 5 years**
- **Training is provided in Russian**
- **Admission is based on the results of the Russian language, biology and chemistry interview**
- **The interview is conducted annually from 20 to 25 October**
- **Currently, the Yerevan branch accommodates 72 students on the 1-4 courses**

# Separate educational projects: "MEPhI-project"

- Federal Nuclear Research University "MEPhI" offers special additional educational programs for ISEI BSU students on specialties:
  - 1-31 04 05 Medical physics
  - 1-100 01 01 Nuclear and Radiation Safety
- Students who graduate from these specialties after the end of the first year at ISEI BSU have the opportunity to enroll in the first course at MEPhI and continue to study simultaneously in both education establishments: in full-time studies at ISEI BSU and distance studies in MEPhI. Upon completion of the training, the students will simultaneously receive BSU and MEPhI diplomas
- **22 students** are studying on joint educational programs





## Separate educational projects: "RUDN-projects"



Within the framework of the Agreement on Cooperation in the field of science and education between the Peoples' Friendship University of Russia (RUDN) and ISEI BSU:



1. The project of joint training of foreign citizens for admission to universities is being implemented;
2. The **joint educational program of the second stage on the specialty "Landscape Design and Urboecology"** was developed, after which trainees obtain two diplomas.

The launch of the program is scheduled for 2018.

# Separate educational projects: “Tajikistan-projects”



- Since 2016 within the framework of the joint institute of Tajik National University (TNY) and BSU in Dushanbe functions the **Faculty of ecology-saving technologies of ISEI BSU**. Education at the faculty is available in the specialties of the **I stage of higher education**:

- Energy Efficient Technologies and Energy Management
- Nuclear and Radiation Safety
- Medical-Biological Work

- Currently, the 2 + 2 model is being implemented. 128 students are studying on 1 - 2 courses.



## Separate educational projects: “Tajikistan-projects”



ISEI BSU and the **Medical and Social College in Dushanbe** have developed a joint educational program on the specialty "**Medical Ecology**" (correspondence shortened form of education).

To implement this educational program, as well as to solve other tasks to promote the interests of the Institute in the region, a the **ISEI BSU Representative office** will be opened on the basis of the college as a self-financing unit of the Institute. **The project will start in 2018.**

***NEW EDUCATIONAL PROJECT!***

# Separate educational projects : “GEORGIA-project”



Since 2017, within the framework of the Memorandum of Understanding between ISEI BSU and Batumi Shota Rustaveli State University, a joint master program "**Biomedical Diagnostics**" (1 + 1 scheme) is being developed, after which trainees obtain two diplomas.



**The program is scheduled to start in 2018.**

***NEW EDUCATIONAL PROJECT!***

# Separate educational projects : "GDANSK-projects"



Since 2018 within the framework of the Memorandum of Understanding on Academic Exchange and Cooperation between the University of Gdansk (Poland) and the ISEI BSU, the project of joint preparation of foreign citizens to enter the Master's program in Gdańsk University is being implemented.

***NEW EDUCATIONAL PROJECT!***

# Separate network educational projects



No	Specialty	Network partners	Model	Form of study, payment
1.	Nuclear and Radiation Safety, 1 <sup>st</sup> stage, 5 years	National Research Nuclear University MEPhI (RF, Moscow)	Simultaneous education in 2 educational establishments. Two diplomas.	Full-time and distance studies; RF budget
2.	Nuclear and Radiation Safety, 1 <sup>st</sup> stage, 5 years	Tajik National University (Tajikistan, Dushanbe)	Consecutive education, 2+3. BSU diploma.	Full-time studies. Student funds.
3.	Energy Efficient Technologies and Energy Management, 4 years	Tajik National University (Tajikistan, Dushanbe)	Consecutive education, 2+2. BSU diploma.	Full-time studies. Student funds.
4.	Medical-Biological Work, 4 years	Tajik National University (Tajikistan, Dushanbe)	Последовательное обучение, 2+2. BSU diploma.	Full-time studies. Student funds.

# Separate network educational projects



No	Specialty	Network partners	Model	Form of study, payment
5.	“Radiation protection and safety of ionizing radiation sources”, retraining of administrators and specialists	International Atomic Energy Agency (IAEA)	Simultaneous education. International IAEA certificate + BSU retraining diploma	Full-time studies. IAEA funds
6.	Program for admission to the specialties of medical and biological profile (training in English)	Peoples’ Friendship University of Russia (RF, Moscow)	Joint final assessment	Full-time studies. Student funds.
7.	Program for admission to the Master's program of the Republic of Poland (training in a foreign language)	University of Gdansk (RP, Poland)	Joint final assessment	Full-time studies. Student funds.

# **ISEI BSU proposals for further improvement of the support system of the international academic mobility**



## **1. Priority support of:**

**1.1. English-language network educational programs focused on the formation of competencies in accordance with the strategy of sustainable development (social, economic and environmental profiles);**

**1.2. students, undergraduates and post-graduate students participating in academic mobility programs;**

**2. Simplification of visa procedures for participants of academic mobility programs and joint inter-university educational programs under the responsibility of partner universities.**





**Thank you for your attention!**