



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



WATER DIPLOMACY  
PROJECT ERASMUS+  
101082976 - HWCA  
ERASMUS-EDU-2022-CBHE

# Strengthening Higher Education in the Water Sector for Climate Resilience and Security in Central Asia

**101082976 - HWCA - ERASMUS-EDU-2022-  
CBHE (HWCA)**

**KYRGYZ NATIONAL AGRARIAN UNIVERSITY  
named after K.I. SKRYABIN**

# About university

---

Kyrgyz National Agrarian University named after K.I. Skryabin (KNAU) is one of the oldest Kyrgyz universities, which was founded in 1933. KNAU is the only agricultural university in the Kyrgyz Republic that has educational, scientist and industrial complex, where it conducts research.

In 2023 KNAU received a special status and successfully passed international institutional accreditation.

The main mission of our university is to educate of qualified specialists who can solve the problems of food and biological safety for agrarian and other sectors of the republic's economy.

# Structure of university

---

6 faculties, 1 institute, 31 departments,  
1 scientific research institute;  
4 colleges, 1 department of secondary  
vocational education in veterinary specialty, 3  
scientific libraries and study halls,  
1 educational and experimental farm.

Educational and methodical association of  
education in the field of agriculture;

23 Bachelor's degree programs, 17 Master's  
degree programs and  
1 Specialist's degree program in "Veterinary"  
are realized;

**A total of 6,582 students are enrolled**



# Independent evaluation of the university



1 Master's program  
Agrarian management



9 Master's programs,  
1 degree program



11 undergraduate programs,  
8 Master's programs



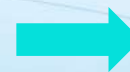
1 Master's program



IAAR



- QS World university rankings;
- Environmental, Social, and Corporate Governance Metrics;
- Emerging Europe and central Asia;
- QS Graduate Employability.



**To be included among the leading universities of Asian countries**

# Project team

---

1. **Nurgaziev R.Z.** – rector KNAU, Academician of the National Academy of Sciences of the Kyrgyz Republic;
2. **Irgashev A.Sh.** – vice–rector for academic affairs, doctor of veterinary sciences, professor;
3. **Samykbaev A.K.** - dean of the faculty of Hydromelioration, Ecology and Land Management, doctor of agricultural sciences, professor;
4. **Askaraliev B.O.** - head of the department "Land reclamation and water resources management", candidate of technical sciences (PhD), associate professor;
5. **Frolova G.P.** - associate professor, department of Land Reclamation and Water Resources Management, candidate of technical sciences (PhD);
6. **Ershova N.V.** - associate professor, department of Land Reclamation and Water Resources Management, candidate of geogr. sciences (PhD);
7. **Omurzakov K.E.** - senior lecturer of the department "Land reclamation and water resources management";
8. **Chekirova G.U.** - chief accountant;
9. **Tolobekova A.M.** – Dr. rer. agr. Head of the International Relations Department, has experience in the development and implementation of international projects, including within the framework of the Erasmus + program.



# Educational programs

---

## Master Program "Management of water systems"

**Summary:** The program is aimed at training specialists for the National Water Resources System and for other water resources systems at all managerial levels - from the river basins and cascades of reservoirs to solving local water problems of towns and cities, including water planning, design and management of irrigation systems. MSc students acquire competences in the management of technical and social systems, research, water systems design, project management

**Learning Outcomes:** The area of the professional activity includes: design, construction, operation, monitoring, and reconstruction of water works, economic and management systems; research and educational activities; management of engineering and technical staff

**Faculty:** Hydromelioration, Ecology and Land Management

**Department:** Land Reclamation and Water Resources Management

**Program manager:**

associate professor Bakyt O. Askaraliev, PhD (Technical sciences), Head of the Department Land Reclamation and Water Resources Management

**Program Coordinator:**

associate professor Galina P. Frolova, PhD (Technical sciences)

# Educational programs

---

Master Program "Management of water systems" (*Courses for modernization*)

- Methodology and methods of scientific research of nature management and water use systems (Askaraliev B.O.)
- Mathematical modeling of processes in the components of nature (Askaraliev B.O.)
- Information resources and technologies in waterworks management (Ershova N.V.)
- Theory of automatic regulation and automation of production processes in the water sector (Frolova G.P.)
- Resource-saving technologies in nature management and water use (Omurzakov K.E.)
- Alternative Energie sources (Frolova G.P.)

# The number of students by level of study

---

## **Master Program “Management of water systems”**

- ✓ in the first year – 19 students (60%);
- ✓ in the second year-7 students (40%).

At the Kyrgyz National Agrarian University named after K.I. Skryabin, the Department of Foreign Languages organizes English and German language courses. There are modern language laboratories, and students have the opportunity to use electronic translation using computer technology. The department has one acting associate professor, three senior lecturers, and two faculty members.

English is taught to beginner or advanced students for a period of 3 months. Courses are held 3 times a week.

To date, 46 KNAU students have successfully completed the English course (Beginner level) and 20 teachers have completed the Intermediate level.



# The number of teaching staff

---

Currently, the department employs 10 people

- **Askaraliev B.O.** – Head of the Department, candidate of technical sciences (PhD), associate professor;
- **Koshmatov B.T.** –Candidate of technical sciences (PhD) professor, ;
- **Frolova G.P.** – Candidate of technical sciences (PhD), associate professor;
- **Ershova N.V.** – Candidate of Hydrol.I Sciences (PhD), associate professor;
- **Sadabaeva Dj. K.** – Associate professor;
- **Omurzakov K. E.** – Senior Lecturer;
- **Zhunusakunova A.R.** – Senior Lecturer;
- **Sarygulova K.A.** – Senior Lecturer;
- **Shamurat uulu Tilek** – Assistant;
- **Mukasheva G.M.** - Senior laboratory assistant.

About 40% of the teaching staff speaks English at the department.

# The contribution of the university to the socio-economic development of the country

---

The main mission of our university is to educate of qualified specialists who can solve the problems of food and biological safety for agrarian and other sectors of the republic's economy.

For 90 years the glorious path of the university has been passed. More than 65,000 highly qualified specialists have been trained for the agricultural sector. Among the graduates we are very proud to call Ch. Aitmatov - the national writer of world renown, winner of the Lenin and State Prizes, academician, graduate of the zootechnical department. Among the graduates many became Heroes of Labor, T. Akmatov twice Hero of Labor, S. Ibraimov and A. Duyshev. In addition, there are academicians and corresponding members of the National Academy of Sciences of the Kyrgyz Republic, many of them became ministers and were elected deputies of the Parliament of the Kyrgyz Republic. They made a significant contribution to the establishment and development of the agro-industrial complex.

# **The contribution of the university to the implementation of the goals and objectives of the HWCA project**

---

The Kyrgyz National Agrarian University named after K.I. Skryabin (KNAU) can contribute to the implementation of the goals and objectives of the Strengthening Higher Education in the Water Sector for Climate Resilience and Security in Central Asia project in several ways:

- \* Curriculum Development
- \* Research and Innovation
- \* Capacity Building
- \* Knowledge Sharing and Dissemination
- \* Collaboration and Networking.

# Thank you for your attention!



Kyrgyz Republic, Bishkek city, 720005, Mederov street 68



+996 312 54 52 10



knau-info@mail.ru



www.knau.kg

