




# SUMMARY REPORT

on international professional public accreditation of the  
cluster of educational programmes

«Veterinary and Animal Science» (36.06.01)

delivered by the Ural State Agrarian University



2021

While preparing this Summary Report we used information from the Self-Evaluation Report and the Report on the External Review of the cluster of educational programme «Veterinary and Animal Science» (36.06.01) delivered by the Ural State Agrarian University.

The presentation document for the use by the National Accreditation Board.

## CONTENTS

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General information on the educational institution .....	4
Information on the study programmes undergoing accreditation	5
Achievements of the educational programme .....	6
External review panel .....	9
Compliance of the external review outcomes with the standards	10
Distribution digram of the external review outcomes.....	17
Conclusion of the external review panel .....	18

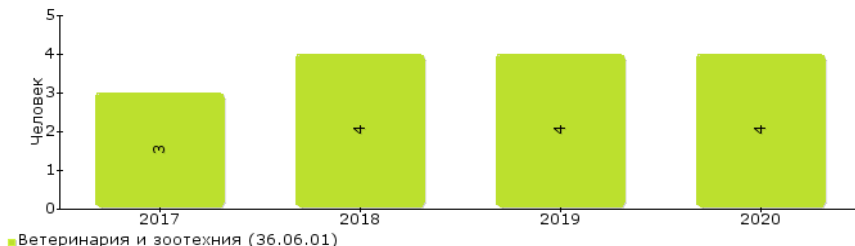
## GENERAL INFORMATION ON THE EDUCATIONAL INSTITUTION

Full name of the educational institution	<i>Federal State Budgetary Educational Institution of Higher Education «Ural State Agrarian University»</i>
Founder	<i>Ministry of Agriculture of the Russian Federation</i>
Year of foundation	<i>1940 – Sverdlovsk Agricultural Institute 1992 – Ural Agricultural Institute 1995 – Ural State Agricultural Academy 1997 – The State Educational Institution “Ural State Agricultural Academy” 2002 – Federal State Budgetary Educational Institution of Higher Education «Ural State Agrarian Academy» 2011 – Federal State Budgetary Educational Institution of Higher Professional Education «Ural State Agrarian Academy» 2013 – Federal State Budgetary Educational Institution of Higher Professional Education «Ural State Agrarian University» 2014 – Federal State Budgetary Educational Institution of Higher Education «Ural State Agrarian University» федеральное государственное бюджетное</i>
Address	<i>42 Karl Libknekht Str., Yekaterinburg, Russia, 620075,</i>
Recotr	<i>Olga Lorets, Doctor of Biology, Associate Professor</i>
License	<i>Series 90Л01 №8582 reg. № 1575 of 04.08.2015 permanent</i>
State accreditation	<i>Certificate of State Accreditation Series 90A01 № 3179, reg. №3024 from 21.03.2019 until 21.03.2025</i>
Number of students	<i>5495 Full time 2975 Part time 504 Off site 2016</i>

## INFORMATION ON THE STUDY PROGRAMMES UNDERGOING ACCREDITATION

Educational programmes	<i>«Veterinary and Animal Science» (36.06.01)</i>
Level of training / Standard period of training	<i>training of highly qualified personnel / 3 years</i>
Structural subdivision (Head)	<i>Faculty of Biotechnology and Food Engineering (Alexey Stepanov, Cand. of Agricultural Sc., Associate Professor) Faculty of Veterinary Medicine and Expertise (Igor Milstein, Cand. of Veterinary)</i>
Major Departments (Heads)	<i>Department of Biotechnology and Food Products (Olga Neverova, Candidate of Biological Sc., Associate Professor) Department of Zooengineering (Elena Shatskikh, Dr. of Biology, Professor) Department of Infectious and Non-Communicable Diseases (Irina Donnik, Dr. of Biology., Academician) Department of Morphology and Expertise (Lyudmila Drozdova, Dr. of Veterinary Sc., Professor) Department of Surgery, Obstetrics and Microbiology (Michael Barashkin, Dr. of Veterinary Sc., Associate Professor)</i>
Date of site visit	<i>14-16 April, 2021</i>
Persons responsible for accreditation	<i>Olga Neverova, Candidate of Biological Sc., Associate Professor, Vice-Rector for Academic Affairs and Educational Work Tatiana Nikulina, Candidate of Economics, Associate Professor, Head of the Department for Educational Process Organization Igor Milshtein, Cand. of Veterinary Sc., Acting Dean of the Faculty of Veterinary Medicine and Expertise</i>

## NUMBER OF APPLICANTS ENTERING THE EDUCATIONAL PROGRAMMES



## ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMME

### Quality of implementing the educational programmes

Ensuring the quality of post-graduate students' training is carried out on the basis of the analysis and evaluation of entrance requirements, the results of knowledge assessment in the disciplines of the curriculum, intermediate and final state certification of graduates.

### Provision of up-to-date education

The relevance of the content of education is ensured by the annual updating and adjustment of educational programmes, curricula and syllabi of the disciplines in accordance with changes in legislation, taking into account the opinions of the professional scientific community, trends in the development of various scientific areas and suggestions of students.

An annual survey of employers is conducted, including veterinarians, animal technicians, specialists in the field of veterinary and sanitary expertise, dog handlers. According to the results of the survey, professional competencies are updated, the quality of graduate training is analyzed.

### Teaching staff

Research and teaching personnel have basic education corresponding to the profile of the discipline taught, have academic degrees and titles are systematically engaged in research and methodological activities and enhance their qualifications. Many teachers have been awarded honorary titles and awards at the regional and federal levels; one was awarded the Letter of Gratitude of the Russian Academy of Sciences.

In the period of 2016-2020 the teachers participated in the ERASMUS+ exchange programme within the framework of strengthening international relations; in the International Exhibition of Innovative Technologies for Animal Husbandry and Poultry Farming in Amsterdam (Netherlands); in the International Conference "Food Technology" (Budapest, Hungary). As part of career guidance and research work in 2018 they visited educational institutions of Kazakhstan and the Russian Cultural Center of Uzbekistan, gave lectures in foreign educational institutions (Belarus, Kazakhstan).

## Independent assessment of student learning outcomes

Independent assessment of the level of knowledge of students is confirmed by the results of participation in Olympiads and competitions at the international, national and regional levels, obtaining diplomas and awards.

Every year students are awarded diplomas of winners, as well as diplomas of the I, II and III degrees of the All-Russian competition for the best research work among students, postgraduates and young scientists of higher educational institutions of the Ministry of Agriculture of the Russian Federation.

Every year, post graduate students participate in the competition of youth innovative projects under the UMNİK programme.

## Learning Resources

The University has adequate and sufficient material and technical resources that provide for all types of laboratory, practical, disciplinary and interdisciplinary training provisioned by the Federal State Educational Standards and curriculum, including those for independent and research work of specialists, and corresponding to the current sanitary and fire safety rules and regulations; the material and technical resources include computers connected to the local network and have Internet access.

The main educational programmes are provided with educational and methodological documentation and educational and methodological guidelines. The content of academic disciplines is placed in the local network of the Ural State University (annotations of work programmes). Educational and methodological materials containing recommendations for independent work have been developed. Access is provided to the Internet and to databases and library collections.

## Research

The research potential of the University includes 15 scientific schools (6 of them in the cluster of educational programmes 36.00.00 Veterinary and Animal Science), 5 research institutes, a research innovation center, 20 research and educational laboratories, 2 dissertation councils, 4 small innovative enterprises, information and consulting service, Ural Agrarian Publishing House, youth innovation center, educational and experimental farm, council of young scientists and student scientific society.

On the instructions of the Ministry of Agriculture at the expense of budget financing research was conducted in the amount of 6300 thousand RUB. State contracts and commercial agreements in 2016-2020 years contributed 35492 thousand RUB. Additional educational services attracted 2718,1 thousand RUB, grant programs - 58125 thousand RUB.

In 2016-2020, the average H-index of the teachers in the RISC is 26,8 in Scopus and WoS - 1. 253 monographs and 11208 articles were published. 1411 - in the journals included in the Russian science citation index, 356 - in Scopus and WoS. The RID number is 105.

## Academic mobility of students

Academic mobility of students is well developed. 64 bachelor and master students of the Ural State University have completed internships at universities in Europe and CIS countries under the programs APOLLO (Germany); "Erasmus+", PRAXX (Germany), under the WWOOF international volunteer program at Wildalngemeinschaft (Austria) and Kotthausen (Germany), at the Luxembourg MCWEYER complex (Luxembourg); "GREEN MASTER", coordinator of the University of Genoa (Italy), AdgiMVA, ISA-ISFRADA, DAAD (Germany).

10 students took part in the international intellectual competition UNIVERSITY STARS and participated in the competition of projects "AgroBiotechnology 2016" in the Research Center Avian of the Scottish Agricultural College (Scotland).

## Employability of graduates

The graduates of the Ural State Agrarian University work in institutions and enterprises of the agro-industrial complex of the Sverdlovsk region: Ministry of Agro-Industrial Complex and Consumer Market of the Sverdlovsk region; Department of the Federal Service for Veterinary and Phytosanitary Supervision in the Sverdlovsk region; JSC "Bolshoye-Istokskoye RTPS"; Bogdanovich City Dairy Plant; JSC APK Belorechenskiy; LLC "UMMC-Agro"; JSC "Bread Base No. 65"; JSC "Uralplemcenter"; JSC "Irbit Dairy Plant"; JSC "Pig Breeding Complex" Uralsky; LLC "Bogdanovichsky meat processing plant".

The employability of graduates in 2016-2021 is 100%.

## Международные проекты

The Ural State Agrarian University develops international contacts and takes an active part in the implementation of international projects with foreign partners under the Erasmus + programs of the European Union, WWOOF, APOLLO e.V., PRAXX and others. 44 university teachers have completed internships to exchange experience in universities in Italy, Estonia, Hungary, Germany, Denmark, China, India, Poland, Great Britain, Turkey, Thailand, France.

On the basis of the University, events are held with the participation of foreign representatives of the University of St. Istvan (Hungary), Polytechnic University (Spain), Kostanay Socio-Technical University named after Academician Zulkarnayaldamzhar (Kazakhstan); Kookje University (South Korea).

The Ural State Agrarian University is an active participant of the International Programme «Ecofuture» (AIESEC).



## EXTERNAL REVIEW PANEL



**Vita Riskeviciene** (Kaunas, Lithuania)

Review Chair, foreign expert

*Doctor of Veterinary Sciences, Professor, Dean of the Faculty of Veterinary Medicine of the Lithuanian University of Health Sciences (LSMU), European Association of Establishments for Veterinary Education (EAEVE) The Baltic Forestry, Veterinary and Agricultural University Network (BOVA UN)*

Nominated by Centre for Quality Assessment of Higher Education (SKVC), Lithuania



**Olga Larionova** (Saratov, Russia)

Deputy Review Chair, Russian expert

*Doctor of Biological Sciences, Associate Professor, Head of the Department of Microbiology, Biotechnology and Chemistry, Saratov State Agrarian University named after N.I.Vavilov, member of the Expert Council of the Higher Attestation Committee for Zootechnical and Veterinary Sciences of the Higher Attestation Commission of the Russian Federation, member of the Interregional Microbiological Society, expert of the Skolkovo Foundation in the field of Biotechnology in agriculture and Industry*

Nominated by the Guild of Experts in Higher Education



**Izimgali Zhubantaev** (Uralsk, Kazakhstan)

Panel Member, foreign expert

*Candidate of Agricultural Sciences, Associate Professor, Director of the Institute of Veterinary Medicine and Animal Husbandry of the West Kazakhstan Agrarian and Technical University named after Zhanqir Khan*

Nominated by the Independent Agency for Quality Assurance in Education (IQAA), Kazakhstan



**Valentin Skripkin** Stavropol, Russia)

Panel Member, Russian expert

*Candidate of Veterinary Sciences, Associate Professor, Dean of the Faculty of Veterinary Medicine and Biotechnological Faculty of the Stavropol State Agrarian University, member of the UMO in the field of veterinary medicine, animal science and veterinary and sanitary expertise of universities of the Ministry of Agriculture of Russia, member of the Scientific and Technical Council of the Ministry of Agriculture of the Stavropol Territory, member of the board and member of the certification Commission of the Veterinary Administration of the Stavropol Territory*

Nominated by the Guild of Experts in Higher Education



**Evgeny Zabrodin** (Yekaterinburg, Russia)

Panel Member, representative of employers

*Candidate of Veterinary Sciences, Head of the Department of Organization of Antiepidemiological measures and Medical Work of the Veterinary Department of the Sverdlovsk region*

Nominated by the Veterinary Department of the Sverdlovsk region



**Darya Potekhina** (Yekaterinburg, Russia)

Panel Member, student representative

*2nd year master's student, Ural Federal University named after the First President of Russia B.N. Yeltsin,*

Nominated by Ural Federal University named after the First President of Russia B.N. Yeltsin

# COMPLIANCE OF THE EXTERNAL REVIEW OUTCOMES WITH THE STANDARDS

## **STANDARD 1. Policy (goals, development strategy) and quality assurance procedures of the educational programme**

Compliance with the standard: **substantial compliance**

### **Good practice:**

The documents are kept up-to-date, monitoring is carried out in order to identify deficiencies and eliminate them.

The development program of the Ural State Agrarian University for 2016-2025 corresponds to the Strategy for the Development of Agricultural Education in the Russian Federation until 2030 and covers the period of 2020 - 2030.

A quality management system has been implemented in accordance with the international standard ISO 9004.

The satisfaction of stakeholders with the educational process is regularly monitored and evaluated. The documents are systematized, presented comprehensively in open access on the university's website.

### **Areas for improvement:**

It is recommended to develop mechanisms and tools that stimulate the maximum involvement of all stakeholders in implementation of strategic plans for the development of the university, taking into account modern changes in the socio-economic situation of the region.

It is recommended to involve student representatives in all collegial committees and working groups of the faculty and University.

## **STANDARD 2. Design and approval of programmes**

Compliance with the standard: **full compliance**

### **Good practice:**

Procedures for updating educational programs have been developed, approved and implemented, taking into account the development of science and production, as well as taking into account the opinions of all interested parties. The components of the Eps focus on the modern level of development of science, the use of modern methods and means of the educational process.

The requirements for the availability and accessibility of clearly defined and documented procedures are fully met. Coordination and monitoring of

learning outcomes is carried out at all stages of the organization of the educational process.

Sustainable practice of involving stakeholders in the development and adjustment of educational programs: one of the main aspects is working with the relevant department in the field of veterinary medicine.

The objectives, expected outcomes, content, conditions and technologies for the implementation of the educational process, assessment of the quality of graduate training are regulated.

The subject matter of the research carried out by graduate students corresponds to the modern level of branch science and the requirements of the real sector of the economy.

### **Areas for improvement:**

It is recommended to involve more actively all participants of the educational process in the development of educational programs, especially students, employers and foreign partners of faculties.

It is recommended to increase integration with academic and industry research through interaction with research organizations of the Ural Federal District, other subjects of the Russian Federation and foreign countries, the system of interaction with employers on the evaluation of educational programs.

## **STANDARD 3. Student-centered learning and assessment**

Compliance with the standard: **full compliance**

### **Good practice:**

The educational programs take into account the needs of different groups of students and allow them to form individual educational trajectories. The criteria, requirements and procedures for assessing the quality of the educational program are disclosed in the documentation of the university and are available to all interested parties.

A well-developed corporate information system ensures the openness of information regarding the assessment of knowledge/competencies of applicants and students. The system of assessment of postgraduate students' competencies during the control measures corresponds to the planned learning outcomes, ensures consistency of assessment criteria with the teaching and learning processes, as well as with the expectations of representatives of the professional community.

The results of surveys of graduate students on the degree of satisfaction with the content, organization and quality of the educational process and the improvement of the content of educational programs and the process as a whole are verified by the achievements of graduate students at the national and regional levels.

Individual educational paths allow you to master an educational course taking into account of the workload. High level of participation of students in competitions and conferences.

Procedures for independent evaluation of learning outcomes are carried out regularly.

### **Areas for improvement:**

It is recommended to develop a system of electives, elective subjects, workshops on project activities that develop supra-professional (universal) competencies (public speaking, working with presentations, clustering).

It is recommended to increase the importance of scientific publications and scientific achievements in the descriptions of scientific schools and in general on the university page and to strengthen the publication activity of graduate students in journals indexed in the Scopus and Web of Science databases

## **STANDARD 4. Student admission, support of academic achievements and graduation**

Compliance with the standard: **full compliance**

### **Good practice:**

Systematic career guidance activities are carried out, including those aimed at attracting foreign students and supervising this group of students throughout the entire process of adaptation and further education. Well-established systematic and diverse work with applicants.

Availability of information about the rules of admission to the University, about the requirements for entrance examinations, procedures for admission (transfer) of students from other educational organizations, recognition of qualifications, periods of study and previous education, posted on the official website of the university in Russian and English.

The effectiveness of the functioning of the system of support of academic performance and support of academic achievements of students. The continuity of students and the implementation of the principle of the training organization "lifelong learning".

High competition for places of study in graduate school. Postgraduate students who have defended their PhD thesis on time are paid a prize from the university. A subsidy is provided for the purchase of housing, if there is a teaching experience. There are opportunities and conditions for teaching students with disabilities.

### **Areas for improvement:**

It is recommended to expand international cooperation, in particular with the countries of the European Union, as well as to activate the system

of attracting students from other universities by concluding partnership agreements and exchanging students for advanced training.

## **STANDARD 5. Teaching staff**

Compliance with the standard: **substantial compliance**

### **Good practice:**

An effective contract system, a system of material and non-material incentives for teaching staff have been introduced. There are clear criteria that determine which position a professor, associate professor, assistant can apply for.

Highly qualified personnel, corresponding to the profile of educational programs. The research activity of the teachers makes it possible to use innovative teaching methods and advanced technologies in the implementation of educational programs. Advanced computer programs are being introduced into the educational process.

Research work is being carried out on the Instructions of the Ministry of Agriculture of Russia, grants of the Russian National Fund, RFBR are being implemented.

As part of the support of young scientists up to 35 years old, an additional payment from the university is provided. There is a system of individual incentive payments for teaching staff.

### **Areas for improvement:**

It is recommended to strengthen publication activity in journals indexed in the Scopus and Web of Science databases.

In order to increase academic mobility and increase the number of international projects, it is recommended to intensify activities for the study of foreign languages by the teachers.

## **STANDARD 6. Learning resources and student support**

Compliance with the standard: **substantial compliance**

### **Good practice:**

Modern material and technical resources that meet the requirements of the Federal State Standards, created with the participation and taking into account the opinion of employers. There is an active interaction with the leading producers of the region; a large number of partnerships with various specialized platforms for developing the practical skills of students.

A modern library system and full access to information educational and scientific databases. Availability of own software, technical, scientific and methodological developments that allow for a high level of accessibility to

educational and information resources. The University provides all students with access to the electronic library system, where current information resources are presented.

Practical training is conducted by specialized mentors on the basis of leading agricultural enterprises and other organizations.

### **Areas for improvement:**

It is recommended to consider the possibility of organizing your own veterinary clinic for small and farm animals, as well as a pathology center, as well as to develop regulations and implement a biosafety policy at the faculty.

It is recommended that, as part of increasing the level of digitalization of the university, consider the possibility of purchasing a number of licenses for training on the Coursera portal and concluding a training contract with the Open Education portal open.edu.

## **STANDARD 7. Collection, analysis and use of information for managing the educational institution**

Compliance with the standard: **full compliance**

### **Good practice:**

The unified information system 1C University program allows you to automate the accounting, storage, processing and analysis of information about the main processes of a higher educational institution. It is based on the use of different sources of information and takes into account the opinions of all interested parties.

A roadmap for the transition to the digital Ural State University and the digital transformation of the University has been developed. The University's information technology policy has been developed.

A dialogue has been established with the relevant department, which regularly makes recommendations for the educational program. Active interaction with employers of the Sverdlovsk region is carried out, including through the department of organization of student practices and employment of graduates.

### **Areas for improvement:**

It is recommended to ensure effective informing of graduate students about academic mobility programs.

It is recommended to create a single integrated information database within the information environment of the university, to provide an analysis of the information presented on the website in order to update it

## **STANDARD 8. Public information**

Compliance with the standard: **full compliance**

### **Good practice:**

External assessment of the quality of specialized educational programs of the University is carried out quite often, on a regular basis, with extensive involvement in the procedures of both external representatives of educational structures and the professional community, including key employment partners and students.

The University regularly applies procedures for independent evaluation of learning outcomes, including FEEB and FEEPO.

Self-analysis reports are compiled on a regular basis, including the results of independent assessment, student surveys and SWOT analysis.

Passing the state accreditation procedure and a high rating in the register of the Ministry of Agriculture: in 2019, Ural State Agricultural University occupied the fifth position, in 2020 it rose to the third place in the Ranking of educational institutions of higher education of the Ministry of Agriculture of the Russian Federation.

### **Areas for improvement:**

It is recommended to introduce the best practices and experience of foreign universities by increasing the academic mobility of the teaching staff.

It is recommended to develop a digital format for the participation of stakeholders in the development of educational programs, which will allow to reach a wider range of stakeholders, including foreign ones, to receive feedback promptly and in a timely manner to improve the effectiveness of monitoring and evaluation procedures for educational programs.

## **Standard 9. Cyclical external quality assurance and quality assurance of distant learning**

Compliance with the standard: **substantial compliance**

### **Good practice:**

The implementation of e-learning and the use of distance learning technologies at the University is carried out on the Moodle platform on the basis of the Regulations on the Procedure for the Use of e-learning and distance learning technologies in the implementation of educational programs at the Ural State University.

The equipment was purchased and the technical infrastructure was updated for the implementation of educational programs in a remote

format. The use of distance learning technologies is carried out in accordance with the specifics of educational programs.

The material and technical resources of the organization made it possible to transform the learning process according to epidemiological requirements without serious loss of the quality of education. New digital learning formats began to be used, which made it possible to promptly invite foreign experts to implement the educational program and initiate the formation of an electronic database of materials in the form of text and video lectures.

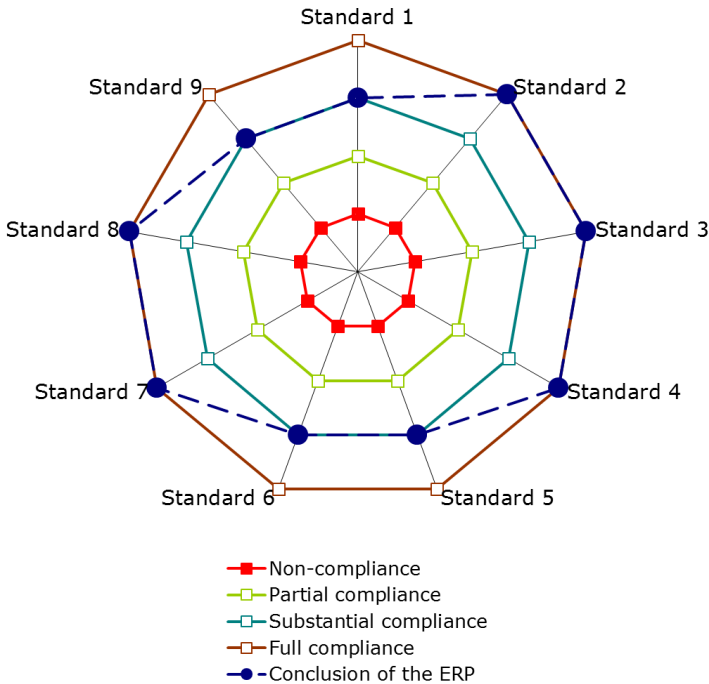
Access to databases of educational programs, to an electronic library system containing publications on the studied disciplines and formed on the basis of contracts with the copyright holders of electronic library systems (EBS "Lan", "Yuray", "Rukont", "IPRbooks", EBS "Ural State University").

### **Areas for improvement:**

It is recommended to build up the database of electronic materials in various, primarily specialized disciplines, for the systematization of materials and the creation of online courses in the future.



## DISTRIBUTION DIGRAM OF THE EXTERNAL REVIEW OUTCOMES



- Standard 1. Policy (goals, development strategy) and quality assurance procedures of the educational programmes
- Standard 2. Design and approval of programmes
- Standard 3. Student-centered learning and assessment
- Standard 4. Student admission, support of academic achievements and graduation
- Standard 5. Teaching staff
- Standard 6. Learning resources and student support
- Standard 7. Collection, analysis and use of information for managing the educational institution
- Standard 8. Public information
- Standard 9. Cyclical external quality assurance and quality assurance of distant learning

## CONCLUSION OF THE EXTERNAL REVIEW PANEL

Based on the self-evaluation report analysis, documents and the submitted data the External Review Panel has come to the conclusion that the cluster of educational programmes «Veterinary and Animal Science» (36.06.01) delivered by the Ural State Agrarian University **substantially comply** with the standards and criteria of public accreditation of the National Centre for Public Accreditation.

The Panel recommends that the National Accreditation Board accredit the cluster of educational programmes «Veterinary and Animal Science» (36.06.01) delivered by the Ural State Agrarian University for the period of **6 years**.