Национальный центр
профессионально-общественной
аккредитации

SUMMARY REPORT

on international professional public accreditation of the
cluster of educational programmes

— «Veterinary and sanitary examination» (36.03.01),
— «Zootechnics» (36.03.02, 36.04.02),
— «Veterinary» (36.05.01)

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 programmes «Veterinary and sanitary examination» (36.03.01), «Zootechnics» (36.03.02, 36.04.02), «Veterinary» (36.05.01) delivered by the Ural State Agrarian University.

The presentation document for the use by the National Accreditation Board.
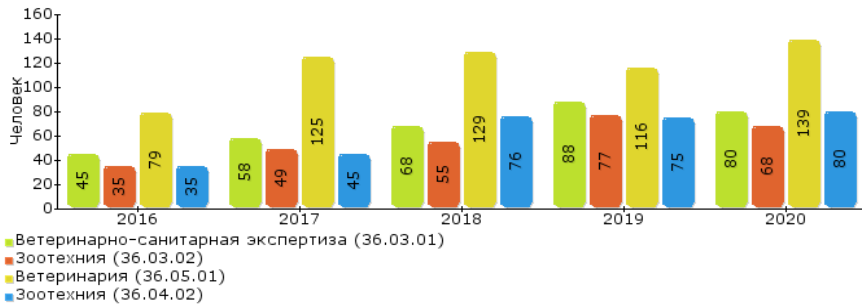
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GENERAL INFORMATION ON THE EDUCATIONAL INSTITUTION

Full name of the educational institution	*Federal State Budgetary Educational Institution of Higher Education «Ural State Agrarian University»*
Founder	*Ministry of Agriculture of the Russian Federation*
Year of foundation	*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*
Address	*42 Karl Libknekht Str., Yekaterinburg, Russia, 620075*
Recotr	*Olga Lorets, Doctor of Biology, Associate Professor*
License	*Series 90Л01 №8582 reg. № 1575 of 04.08.2015 permanent*
State accreditation	*Certificate of State Accreditation Series 90A01 № 3179, reg. №3024 from 21.03.2019 until 21.03.2025*
Number of students	*5495* *Full time 2975* *Part time 504* *Off site 2016*

INFORMATION ON THE STUDY PROGRAMMES UNDERGOING ACCREDITATION

Educational programmes	*«Veterinary and sanitary examination» (36.03.01), «Zootechnics» (36.03.02), «Veterinary» (36.05.01) «Zootechnics» (36.04.02),*
Level of training / Standard period of training	*Bachelor degree programme / 4 years Specialost programme /5 years Master degree programme / 2 years*
Structural subdivision (Head)	*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)*
Major Departments (Heads)	*Department of Zooengineering (Elena Shatskikh, Dr. of Biology, Professor) Department of Surgery, Obstetrics and Microbiology (Michael Barashkin, Dr. of Veterinary Sc., Associate Professor) Department of Infectious and Non-Communicable Diseases (Irina Donnik, Dr. of Biology, Academician) Department of Biotechnology and Food Products (Olga Neverova, Candidate of Biological Sc., Associate Professor) Department of Morphology and Expertise (Lyudmila Drozdova, Dr. of Veterinary Sc., Professor)*
Date of site visit	*14-16 April, 2021*
Persons responsible for accreditation	*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*

REFERENCE DATA ON STUDENT ENROLLMENT FOR PROGRAMME

Ветеринарно-санитарная экспертиза (36.03.01)
Зоотехния (36.03.02)
Ветеринария (36.05.01)
Зоотехния (36.04.02)

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, international experience and also, suggestions and comments of the students.

The system of quality assurance is built taking into account the opinions of all stakeholders of the educational process.

An annual survey of employers on satisfaction with educational programs is conducted, according to its results professional competencies are updated, and the analysis of the quality of graduate training is carried out.

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.

The Ural State University is the base platform for conducting the Federal Internet Exam for graduates of the Bachelor's degree programmes.

During the state accreditation procedure, students successfully passed the test for the assessment of residual knowledge and the formation of competencies, in 2019 they participated in independent assessment of the quality of training of students in general cultural competencies OK-2 and OK-9.

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 Wildalmgemeinschaft (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"; Bogdanovichi 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%.

International projects

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, WWOFF, 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 Zhangir 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 Antiepizootic 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 internal quality assurance system has been implemented and has been successfully functioning since 2010. there is a practice of monitoring and evaluating the satisfaction of interested parties represented by students, scientific and pedagogical workers, employers and other categories of consumers. Quality assurance policies and procedures are available to the public.

"The development program of the Ural State Agrarian University for 2016-2025" has been adjusted in accordance with the Strategy for the Development of Agricultural Education in the Russian Federation until 2030 and covers the period 2020 - 2030.

The quality management system has been implemented in accordance with the international standard ISO 9004 and is maintained in working condition.

The satisfaction of stakeholders in 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 the development and 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 include student representatives in all collegiate committees and working groups of the faculty and university.

STANDARD 2. Design and approval of programmes

Compliance with the standard: **full compliance**

Good practice:

The 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 are focused on the modern level of development of science, a logically consistent presentation of educational material, the use of modern methods and means of the educational process.

All requirements related to 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. There is a system for adjusting and making recommendations for educational programs: one of the main aspects is working with the relevant department in the field of veterinary medicine.

For each implemented educational program, the goals, 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 the branch science and the requirements of the real sector of the economy. As an example, it should be noted that the implementation of the project on microclonal reproduction of potatoes together with LLC SSK "Ural potato".

Areas for improvement:

It is recommended to increase integration with academic and industry science by interacting with research organizations of the Ural Federal District, other subjects of the Russian Federation and foreign countries, to improve the system of interaction with employers on the evaluation of educational programs for the purpose of presentation and promotion of the program.

STANDARD 3. Student-centered learning and assessment

Compliance with the standard: **full compliance**

Good practice:

Educational programs take into account the needs of different groups of students and allow them to form individual educational paths. 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 students, teachers and other interested parties. A well-developed corporate information system ensures the openness of information regarding the assessment of knowledge/competencies of applicants and students.

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There is a system of individual paths that allows activist students to master an educational course taking into account work or other workload.

A high level of participation of students in various competitions and conferences.

The educational organization regularly applies procedures for independent evaluation of learning outcomes, the result of which is a conclusion about the high quality of education.

Areas for improvement:

It is recommended to strengthen the importance of scientific publications and research achievements in the descriptions of scientific schools.

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

Compliance with the standard: **full compliance**

Good practice:

Systematic career guidance activities, including those aimed at attracting foreign students and supervising this group of students throughout the entire process of adaptation and further education. A well-established systematic and diverse form of work with applicants allows you to select the best applicants.

Availability of information about the rules of admission to the University.

The effectiveness of the functioning of the system of support of academic performance and support of academic achievements of students.

There are opportunities and conditions for teaching students with disabilities.

There is an opportunity for students to participate in research work and in the implementation of international educational, research and cultural projects with foreign partners.

Areas for improvement:

It is recommended to expand the system of attracting students from other universities by concluding partnership agreements, exchanging students in order to improve their qualifications and informing them about the possibilities of the educational organization. The expansion of the geography of destinations will allow creating a full-fledged system of ambassadors with the involvement of the trade union committee.

It is recommended to improve the level of the English language skills of students.

STANDARD 5. Teaching staff

Compliance with the standard: **substantial compliance**

Good practice:

The system of an effective contract and intangible encouragement of teaching staff have been implemented. 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 researches 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 the journals indexed in the Scopus and Web of Science databases.

It is recommended to optimize the activities of foreign language teachers in order to increase academic mobility and increase the number of international projects.

STANDARD 6. Learning resources and student support

Compliance with the standard: **substantial compliance**

Good practice:

The modern material and technical resources meet the requirements of the Federal State Budget, is created with the participation and account of the opinion of employers.

Active interaction with the leading producers of the region is carried out. A large number of partnership agreements have been concluded with various specialized platforms for practicing the practical skills of students.

A modern library system, including electronic, 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 of educational and information resources.

Practical training is conducted by specialized mentors on the basis of

leading agricultural enterprises and other organizations equipped with the latest equipment.

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, develop regulations and implement a biosafety policy for students.

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:

There is a unified information system 1C University, which allows you to automate the accounting, storage, processing and analysis of information about the main processes of higher education, based on the use of different sources of information.

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 work placement and employment of graduates.

Areas for improvement:

It is recommended to create a single integrated information database within the information environment of the University and update the information placed on the website.

STANDARD 8. Public information

Compliance with the standard: **substantial compliance**

Good practice:

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

The University regularly applies procedures for independent evaluation of learning outcomes, including participation in the Federal Internet Examination of Bachelors (FIEB.

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

Successful completion of the state accreditation procedure and a high rating in the register of the Ministry of Agriculture.

Areas for improvement:

It is recommended to use the results of SWOT analysis of previously developed programs in the development of educational programs in order to reduce the number of weaknesses and threats.

In order to improve the effectiveness of external evaluation of educational programs, it is recommended to expand the range of actors conducting the evaluation by increasing the number of specialized companies by expanding the geography (companies of other subjects of the Russian Federation, foreign companies).

STANDARD 9. Cyclical external quality assurance and quality assurance of distant learning

Compliance with the standard: **substantial compliance**

Good practice:

The University has a Moodle platform for providing distance learning. The implementation of e-learning and the use of distance learning technologies is carried out 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 in the Ural State University.

The technical infrastructure for the implementation of educational programs in the distance format has been updated.

The use of distance learning technologies is carried out in accordance with the specifics of educational programs: a mixed learning format is practiced (theoretical classes - remotely, practical and laboratory classes in face-to-face mode).

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 in the educational organization, 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, to which the student can turn at any time.
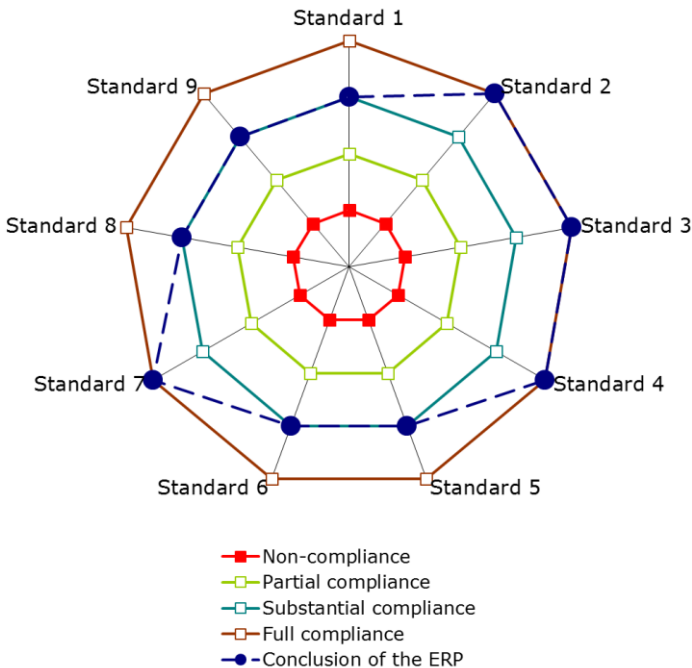
All participants of the educational process have access to the database of educational programs, to the electronic library system containing publications on the studied disciplines and formed on the basis of contracts with the copyright holders of electronic library systems (EBS "Lan", "Yurayt", "Rukont", "IPRbooks", EBS "Ural State University".)

Areas for improvements:

It is recommended to involve teachers from other educational organizations, including foreign scientists in the field of training, to conduct online classes and exchange experience.

It is recommended to continue working on increasing the database of electronic materials in various, primarily specialized disciplines, to systematize materials and create 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 sanitary examination» (36.03.01), «Zootechnics» (36.03.02, 36.04.02), «Veterinary» (36.05.01) 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 sanitary examination» (36.03.01), «Zootechnics» (36.03.02, 36.04.02), «Veterinary» (36.05.01) delivered by the Ural State Agrarian University for the period of 6 years.