



SUMMARY REPORT

of public accreditation
of the cluster of educational programmes
in the field of study

- Agro-chemistry and Agro-soil Study (35.03.03, 35.04.03),
- Agronomy (35.03.04, 35.04.04),
- Agro-engineering (35.03.06),
- Technologies and Means of Mechanization and Power Engineering Equipment in Agriculture, Forestry and Fishery (35.06.04),
- Mechanization of Agriculture (35.02.07),

delivered by the «Krasnoyarsk State Agrarian University»

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 in the field of study: Agro-chemistry and Agro-soil Study (35.03.03, 35.04.03), Agronomy (35.03.04, 35.04.04), Agro-engineering (35.03.06), Technologies and Means of Mechanization and Power Engineering Equipment in Agriculture, Forestry and Fishery (35.06.04), Mechanization of Agriculture (35.02.07), delivered by «Krasnoyarsk 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	<i>Federal State Budgetary Educational Institution of Higher Education "Krasnoyarsk State Agrarian University"</i>
Founders	<i>Ministry of Agriculture of Russian Federation</i>
Year of foundation	<i>1952 — Krasnoyarsk Agricultural Institute 1991 — Krasnoyarsk State Agrarian University 1997 — State Educational Institution "Krasnoyarsk State Agrarian University" 2002 — Federal State Educational Institution of Higher Professional Education "Krasnoyarsk State Agrarian University" 2014 — Federal State Educational Institution of Higher Education "Krasnoyarsk State Agrarian University"</i>
Location	<i>660049, Russia, 90, Mira Av., Krasnoyarsk</i>
Rector	<i>Doctor of Economics, Pyzhikova Natalia Ivanovna</i>
Licence	<i>Series 90Л01 No 0008542 Registered under 1540 from 01.07.2015 in perpetuity</i>
State accreditation	<i>Certificate of State Accreditation Series 90A01 No 1759, Registered under No 1666 from 11.02.2016 expiry date 09.04.2021</i>
Number of students	<i>Total number 8,678, including Full-time 3,681 Part-time 233 Extramural 4,764</i>
Number of postgraduate students	<i>Total number 157, including Full-time 93 Extramural 64</i>
Number of students enrolled in secondary vocational programmes	<i>Total number Full-time 466</i>

INFORMATION ON THE EDUCATIONAL PROGRAMMES UNDERGOING ACCREDITATION

Educational programmes	<p><i>Agro-chemistry and Agro-soil Study (35.03.03, 35.04.03),</i> <i>Agronomy (35.03.04, 35.04.04),</i> <i>Agro-engineering (35.03.06),</i> <i>Technologies and Means of Mechanization and Power Engineering Equipment in Agriculture, Forestry and Fishery (35.06.04), Mechanization of Agriculture (35.02.07)</i></p>
Level of training / Standard period of training	<p><i>bachelor's degree programme - 4 years (full-time)</i> <i>master's degree programme / 2 years</i> <i>postgraduate's degree programme/ 3 years</i> <i>secondary vocational programme / 2 years 10 months</i></p>
Structural subdivisions (head)	<p><i>Institute of Agro-ecological Technologies (Candidate of Agricultural Sciences, Associate Professor, Keler Viktoriia Viktorovna)</i> <i>Institute of Engineering Systems and Power (Candidate of Engineering Sciences Kuzmin Nikolai Vladimirovich)</i></p>
Major department (head of major departments) □	<p><i>Department of Soil Science and Agrochemistry (Doctor of Biological Sciences, Professor N. L. Kurachenko)</i> <i>Department of Crop Production, Selection and Seed Production (Doctor of Agricultural Sciences, Professor Khalipisky A. N.)</i> <i>Department of General Agriculture and Plant Protection (Doctor of Agricultural Sciences, Professor V. K. Ivchenko)</i> <i>Department of Ecology and Nature Management (Candidate of Biological Sciences, Associate Professor E. N. Eskova)</i> <i>Department of Theoretical Foundations of Electrical Engineering (Candidate of Engineering Sciences, Associate Professor G.A. Klunduk)</i> <i>Department of Mechanization and Technical Service in Agriculture (Candidate of Engineering Sciences, Associate Professor V. Semenova)</i> <i>Department Tractors and Automobiles Doctor of Engineering Sciences, Professor N. I. Selivanov)</i></p>

*Department of Power Supply of Agriculture
(Candidate of Engineering Sciences, Associate
Professor A.V. Bastron)
Department of System Power Engineering Doctor
of Engineering Sciences, Professor M. P.
Baranova)*

Date of the site
visit

13-15 May 2020

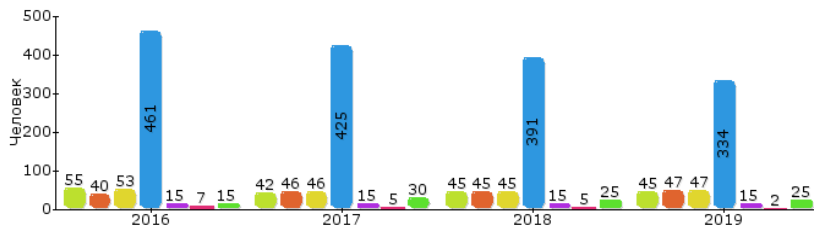
People
responsible for
public
accreditation of
the study
programme

*Sorokataia Evgeniia Ivanovna, Candidate of
Biological Sciences, Associate Professor , Vice
Rector for Educational Work*

SAMPLING RESULTS OF THE PROJECT "THE BEST EDUCATIONAL PROGRAMMES OF INNOVATIVE RUSSIA"

Indicators	2020
Cluster of the educational programmes in the field of study <i>Agro-chemistry and Agro-soil Study (35.03.03, 35.04.03), Agronomy (35.03.04, 35.04.04), Agro-engineering (35.03.06)</i>	
Number of the given programmes in the RF	195
Number of higher educational institutions to offer the given programmes	82
Number of programmes – winners of the project (% from total number of these programmes offered in the RF)	90 (46,2%)
Krasnoyarsk Territory	
Number of the given programmes offered in the region	5
Number of programmes – winners of the project (% from total number of these programmes offered in the region)	1 (20%)
Number of higher educational institutions and branches in the region	31
Total number of programmes offered in the region	347
Total number of programmes – winners of the project (% from total number of these programmes offered in the region)	65 (18,7%)

REFERENCE DATA ON STUDENT ENROLLMENT FOR PROGRAMME



- Mechanization of Agriculture (35.02.07)
- Agro-chemistry and Agro-soil Study (35.03.03)
- Agronomy (35.03.04)
- Agro-engineering (35.03.06)
- Agro-chemistry and Agro-soil Study (35.04.03)
- Technologies and Means of Mechanization and Power Engineering Equipment in Agriculture, Forestry and Fishery (35.06.04)
- Agronomy (35.04.04)

ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMME

Quality of implementing the educational programme

High quality of study programmes is provided by well-documented internal quality management system, which ensures continuous quality improvement in line with the development strategy of Krasnoyarsk State Agrarian University and is certified by the Russian Register and IQNET to standard GOST ISO 9001 – 2015.

The teaching staff involved in the programme delivery are highly qualified. Staff members and students regularly update their level of qualification by taking part in research projects, participating in international academic mobility programmes, enhancing international cooperation, developing student manuals (hard copy and electronic) in different subjects, collaborating with employers, using innovative educational technologies in the process of education. Much attention is being paid to distance learning.

Relevance of education content

The content of the study programmes is regularly updated through the relevant processes with the involvement of stakeholders. Students' on-the-job placements and employers' involvement in the educational process allows variety in optional courses. Some optional courses are offered within further education programmes. This approach develops certain requirements to professional training and facilitates student employment. Representatives from the Ministry of Agriculture and Trade of the Krasnoyarsk Territory, State Technical Supervision Service for the Krasnoyarsk territory, as well as farmers of the Krasnoyarsk territory are involved in programme revision.

The programmes of teacher training and retraining are regularly updated with due account of feedback from employers and requirements of ministries. There are long-term agreements on student practical training signed with field specific companies of the Krasnoyarsk district. The University maintains ongoing cooperation with the research institutes and laboratories of the Russian Academy of Sciences.

Teaching staff

The background education and qualification of the teaching staff involved in the programme delivery meets the established requirements. The share of full-time teachers is more than 90 %. 64 members of the teaching staff are involved in the delivery of a bachelor's programme, delivery including 58 (91 %) with an academic degree: 20 (31 %) Doctors of Sciences, 38 – Candidates of Sciences; 25 members of the teaching staff are involved in the master's programme delivery, including 25 (100 %) with an academic degree: 7 (28 %) Doctors of Sciences, 18 Candidates of Sciences; 2 people (8 %) have extensive practical experience in state and municipal service.

Practitioners, managers and leading specialists with extensive practical experience are involved in the programme delivery. The number of practitioners amounts to 10% -19%, depending on the programme. The teaching staff undergo training and retraining programmes on a regular basis.

Independent assessment of student knowledge

Regular procedures for external quality assurance of study programs are carried out in accordance with the Federal State Educational Standards and the regulatory documentation of the University.

External quality assurance procedures include the monitoring of the effectiveness of the University activity, state accreditation.

When conducting an annual regular external evaluation of the study programmes, the following has been taken into account: analysis of reports of the chairmen of the State Attestation Commissions, feedback from graduates and employers, and review of the study programme carried out by employers. The results of the external evaluation prove a high level of the study programme delivery.

In 2018-2019 students took part in the procedures of independent student assessment (NOKO), carried out by the ANO Project Implementation Group "Informexpertiza" on the order of Rosobrnadzor.

According to the results of the recertification of 2017, the University's quality management system was recognized as compliant with the requirements of ISO 9001:2015 standard (GOST ISO 9001 – 2015), which is certified by the Russian Register Certificate No. 17:1839.026 dated December 1, 2017 and the certificate of the IQNET certification system No. 17: 1839.026 dated December 1, 2017.

Academic resources

There are all the material and technical resources necessary for the study programme delivery in accordance with the requirements of the Federal State Educational Standard. Corporate classrooms equipped by JSC "Bayer", JSC "Shchelkovo agrochem", JSC "August" are used in the educational process. Over the past five years the institutional laboratories have been established and equipped with state-of-the-art equipment.

Bachelor, master and postgraduate students carry out their research work and undergo their practical training and on-the-job placement in "Uchkhoz Minderlinskoe" and the educational research and production complex "Borsky". The Ministry of Agriculture and Trade of the Krasnoyarsk territory has financed the equipment of these facilities with the modern agricultural machinery totaling to 78,402,720 rubles.

A powerful distributed telecommunication data transmission node using modern network equipment and advanced technologies has been established. Moodle-based system of distant learning at Krasnoyarsk State University offers e-learning resources with secured access to Intranet and Internet.

The electronic library system offers students individual access to library resources, and databases from any point equipped with the Internet access.

Research activity

The teaching staff and students are actively involved in research activities. Over the period from 2015 to 2019, 9 Candidates of Science theses were defended, 28 monographs, 1,267 papers were published including 403 in journals recommended by the Higher Attestation Committee, 864 in journals listed in Russian Science Citation Index, 90 in journals included in the international databases Scopus and Web of Science. 68 objects of intellectual property were registered. Teachers and students do projects supported by scientific foundations, as well as the Ministry of Science and Higher Education of the Russian Federation, the Ministry of Agriculture of the Russian Federation, etc. The volume of scientific grants amounted to 43.5 million rubles. Teachers published 85 textbooks and manuals, including 18 with the stamp of the Academic Methodological Association.

Students present the results of their research work at scientific conferences, scientific and technical exhibitions, take part in various competitions, contests and scholarship programs.

Over 30 students with outstanding academic achievements were awarded scholarships of the President and the government of the Russian Federation, awards of the Mayor and the Governor of the Krasnoyarsk territory.

Academic mobility of students

Krasnoyarsk State University cooperates with foreign educational organizations of Slovenia, Hungary, Mongolia, China, Tajikistan, Uzbekistan, Belarus, Kazakhstan, Kyrgyzstan, Congo, Ukraine, Azerbaijan, and Armenia.

In 2018, 2nd year master's students won academic mobility grants and continue their studies in the People's Republic of China. 2 foreign citizens (Tajikistan) are enrolled in a postgraduate programme.

Students participate in internships and undergo practical training in the leading Russian educational and research institutions: Kuban State Agrarian University, Russian Research Institute of Soil, Research and Production Centre of Biotechnology "Phytogenetics", North Caucasus Federal Research Centre of Horticulture, Viticulture and Winemaking, Michurin State Agrarian University, GRM" Centre of Biotechnology and Tourism " (Slovenia).

Employability of graduates

Krasnoyarsk State Agrarian University is the regional center for promoting graduates' employment and adaptation to agricultural labor market of the Krasnoyarsk Territory. The University actively cooperates with the regional and municipal authorities in terms of training and

employment of graduates. The Ministry of Agriculture and Trade of the Krasnoyarsk Territory supports young specialists in the agro-industrial complex of the region, which proves the demand for University graduates, who are employed not only in the Krasnoyarsk Territory, but also in other regions of the Russian Federation.

International projects

Krasnoyarsk State Agrarian University maintains academic cooperation with international educational organizations: Inner Mongolia Agricultural University, Institute of Plant and Agricultural Science (Mongolia), Prolog Systems LLC (Mongolia), European Logistics Association (Germany), Dresden University of Technology, Kyungpook National University (South Korea), German Seed Alliance, JSC "Bayer" (Germany), Research and Practical Centre of the National Academy of Sciences of Belarus for Potato, Fruit and Vegetable Growing", LLP "Kazakh Research Institute of Agriculture and Plant growing", LLP "East Kazakhstan Scientific-Research Institute of Agriculture".

The major international projects are as follows: "Research into adaptive and productive potential of forage and grain-forage crops of Siberian selection in order to develop recommendations for the formation of agrocenoses" (Mongolia); international research summer school "Selection of agricultural crops: implementation of theoretical aspects in practice". In addition, within the framework of international activities, teachers and students take part in Plant Biology Europe EPSO: FESPB Congress (Prague, Czech Republic, 2016), 28th Annual Meeting of the European Society of Environmental Toxicology and Chemistry (SETAC Europe 28th annualmeeting, 2018), Phytopathological risks in CELSS: Problems and solutions (Beijing, China, 2019).

EXTERNAL REVIEW PANEL



Toigildin Aleksandr Leonidovich (Ulyanovsk)

Review Chair, Russian expert

Doctor of Agricultural Sciences, Associate Professor, Dean of the Faculty of Agricultural Technologies, Land Resources and Food Production, Ulyanovsk State Agrarian University named after P. A. Stolypin, member of the Guild of Experts in the Sphere of Professional Education

A nominee of the Guild of Experts in the Sphere of Professional Education



Ruzhev Viacheslav Anatolevich (St. Petersburg)

Deputy Review Chair, Russian expert

Candidate of Engineering Sciences, Associate Professor, Dean of the Faculty of Technical Systems, Service and Energy, Saint Petersburg State Agrarian University, member of the Scientific and Methodological Council for Technologies, Means of Mechanization and Energy Equipment of the Federal Educational and Methodological Association for Agriculture, Forestry and Fisheries

A nominee of the Guild of Experts in the Sphere of Professional Education



Riabtsev Aleksandr Anatolevich (Krasnoyarsk)

Panel member, representative of professional community

Head of the Department of Agricultural Production of Krasnoyarsk Research Institute of Agriculture, branch of the Federal Research Centre of "Krasnoyarsk Scientific Centre of the Siberian branch of the Russian Academy of Sciences", member of the regional expert Committee on amendments to the State Register of breeding achievements in crop species in Krasnoyarsk Territory, member of the regional Committee for Certification of seed farms in Krasnoyarsk Territory, member of the regional jury for professional skill competition "The Best in Profession, the farmer of the year»

A nominee of Krasnoyarsk Science Center of the Siberian Branch of the Russian Academy of Sciences"



Rodin Evgenii Vladimirovich (Omsk)

Panel member, representative of students

Head of Omsk regional branch of the Russian public organization "ALL-Russian STUDENT UNION»

A nominee of ALL-Russian STUDENT UNION

INFORMATION ON THE LEADING TEACHERS OF THE EDUCATIONAL PROGRAMME

Khizhniak Sergei Vitalevich

Doctor of Biological Sciences, Professor of the Department of Ecology and Nature Management. Holds 4 certificates of state registration on computer programs, 1 strain patent. Holds letters of gratitude and certificates of regional and federal levels. Is a member of Dissertation Councils D 220.037.06, D 220.037.08. Is a member of the Expert Council of Krasnoyarsk regional innovation and technology business incubator (KRITBI) in the field of "biotechnology".

Selivanov Nikolai Ivanovich

Doctor of Engineering Sciences, Professor, Head of the Department of Tractors and Automobiles. Is awarded the title of the Honorary Worker of Higher Professional Education, holds certificates of honor and medals of the Legislative Assembly of the Krasnoyarsk territory and the administration of the Krasnoyarsk territory. Is the author of 40 scientific publications, including 13 student manuals approved by the Ministry of Agriculture of the Russian Federation and the Siberian Regional Educational and Methodological Centre for Higher Professional Education. Has been a scientific adviser for 8 Candidates of Engineering Sciences, currently supervises 2 postgraduate theses. Has 400 publications, including 4 monographs 20 patents and copyright certificates for inventions, is a Corresponding Member of the Academy of Quality of the Russian Federation. Member of the Dissertation Council D 220.037.08

Kurachenko Natalia Leonidovna

Doctor of Biological Sciences, Professor, Head of the Department of Soil Science and Agrochemistry. The author of 6 monographs, 8 training manuals, 123 scientific publications. Has supervised 4 candidate's theses, member of the Dissertation Council DM 220.037.06. Chairman of the regional branch of the Union of Soil Sciences.

Khalipskii Anatolii Nikolaev

Doctor of Agricultural Sciences, Associate Professor, Head of the Department of Crop Production, Selection and Seed Production. The holder of All-Russian quality leader medal. Author of soya Zaryanitsa and potato Aramis variety, scientific Secretary, member of the Dissertation Council 220. 037. 06

Sorokina Olga Anatolevna

Doctor of Biological Sciences, Professor of the Department of Soil Science and Agrochemistry. Holder of the Honorary Diploma of the Ministry of Agriculture of the Russian Federation, Veteran of Labor of the Russian Federation and the Krasnoyarsk territory, Honorary diploma of the Mayor of Krasnoyarsk, Letter of Appreciation issued by the Department of personnel policy and education of the Ministry of Agriculture for the development of environmental education. Author of 5 monographs, 165 scientific publications, 5 teaching manuals. Member of the Dissertation Council DM 220.037.06. Member of the Union of Soil Sciences.

Edimeichev Iurii Fedorovich

Doctor of Agricultural Sciences, Professor of the Department of General Agriculture and Plant Protection. Holder of the Honorary Diploma of the Ministry of Agriculture of the Russian Federation, Honorary Diploma of the Ministry of Agriculture and Trade of the Krasnoyarsk territory, Diploma of Russian Academy of Agricultural Sciences for research work. Member of the Dissertation Council DM 220.037.06, Academician of the Mongolian National Academy of Sciences

Demidenko Galina Aleksandrovna

Doctor of Biological Sciences, Professor, Head of the Department of Landscape Architecture and Botany. Holder of the Honorary Diploma of the Ministry of Agriculture of the Russian Federation, Honorary Diploma of the Ministry of Education and Science of the Russian Federation. Member of the International Academy of higher education(IAS). Member of the Dissertation Council D 220.037.06. Member of the Expert Council of the Krasnoyarsk regional Fund supporting scientific and technical activities. Member of the Editorial Board of the journal "Vestnik Krasgau". Member of all-Russian society of soil scientists. Member of the Russian Geographical Society.

COMPLIANCE OF THE EXTERNAL REVIEW OUTCOMES WITH THE STANDARDS

STANDARD 1. Policy (goals, development strategy) and quality assurance procedures of a study programme

Compliance with the standard: **Substantial compliance**

Good practice:

There is an independent structural unit at the University – the Centre for Quality Management and Monitoring.

The University has well formulated mission, goals and objectives of strategic development, as well as clear criteria for quality within the programmes undergoing accreditation.

The model of the quality management system of the Krasnoyarsk State Agrarian University is process-based.

The quality management system is guaranteed by the documented study programmes, procedures and other documents ensuring the fulfillment of quality goals, which are communicated to the staff members of the University. There are also regular internal audits, staff training and retraining programmes in quality. Every staff member is personally accountable for the work processes. There is an ongoing analysis of the quality management system and implementing processes.

Areas for improvement:

It is recommended that the University should strengthen the interaction among the educational unit delivering study programmes, the Center for Quality Management and Monitoring and the Center for Practical Training and Employment. The same is true for staff training programmes.

It is recommended that the University should more actively involve academic personnel, students and representatives of professional community in the processes and procedures of the internal quality assurance system.

It is recommended that the University should work out mechanisms for closer cooperation with the graduates, key employers and the Board of Trustees in order to better develop and implement quality assurance policies through appropriate structures and processes.

STANDARD 2. Design and approval of programmes

Compliance with the standard: **substantial compliance**

Good practice:

The policy is aimed at training new professionals and development of research and innovative technologies for sustainable socio-economic development of rural areas and improving the efficiency of the agro-industrial complex of Eastern Siberia. Systematic and step-by-step achievement of study programme goals makes it possible to achieve the major goal of strategic development within a short period of time.

Study programmes have well-developed goals and objectives that correspond to the mission of the university and are open for the public.

Study programmes and their components (i.e. on-the-job placement programmes) are regularly revised by the representatives of the professional community.

All study programmes undergoing accreditation are designed to meet the requirements of professional standards. The learning outcomes are closely related to the main descriptors of the National Qualification Framework and regulated by the Order of the Ministry of Labor of the Russian Federation of 12.04.2013 N 148H "On approval of qualification levels for the development of draft professional standards".

Areas for improvement:

It is recommended that the University should develop the institute of targeted training of graduates for a specific area of the real sector of economy within secondary vocational and further vocational education based on the regional market demand.

It is recommended that the University should more actively involve teachers, students and representatives of professional communities in the development and approval of study programmes. The stakeholders involved should prepare a detailed review of the study programme and the programme of on-the-job placement.

It is recommended that the University should assign supervisors from the representatives of professional community to each study programme in order to regularly evaluate, analyze and make suggestions in the programme with due consideration of the situation in industry.

STANDARD 3. Student-centered learning and assessment

Compliance with the standard: **substantial compliance**

Good practice:

The University has in place modern material, technical, and research resources. There is a system for involving students in research work. Students' research activity is evaluated separately.

The University uses student ranking system, which allows to enhance student academic motivation by more clearly differentiating between the results of students' academic progress, reduces the influence of teachers' subjective view and thus, contributes to the quality of learning.

In the delivery of the study programmes the needs of different groups of students are taken into account. They can choose individual learning path if they opt to.

The university has unique laboratories with state-of-the-art equipment, which motivates students' learning and encourages their involvement in educational process design.

Areas for improvement:

It is recommended that the University should expand the methods of encouraging students to play an active role in the educational process design, for example, by delegating more power to mentors and supervisors and by enhancing feedback and building continuity of educational levels.

It is recommended that the University should develop the system of professional skills development in accordance with World Skills standards, which is bound to ensure independent evaluation of learning outcomes at all levels of education in wider audience.

It is recommended that the University should include in the study programme the courses related to digital agriculture, the use of geo information systems that implement the principles of precision farming, practical programming and robotics. This is going to be a competitive advantage of the University graduates on the labour market.

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

Compliance with the standard: **substantial compliance**

Good practice:

A well-established and comprehensive, multidirectional system of career guidance aimed at training and high-quality selection of applicants.

A high level of student involvement in research work carried out at the Institutes of agroecological technologies, engineering systems and energy.

Possibility to obtain a European diploma supplement.

International students.

Areas for improvement:

It is recommended that the University should raise student awareness and interest in participation in various types and levels of competitions/grants/academic mobility programs implemented cooperatively with the leading agricultural universities of the Russian Federation, the Krasnoyarsk Territory and foreign educational centres and universities.

It is recommended that the University should expand the practice of issuing the European Diploma Supplement and more actively inform the stakeholders about the recognition of this document on the national and international levels.

It is recommended that the University should introduce a system of targeted training, individual learning path, as well as personal scholarships supported by the leading industrial enterprises with the aim to support talented students and their further employment.

STANDARD 5. Teaching staff

Compliance with the standard: **substantial compliance**

Good practice:

The implementation of the main professional educational programs is carried out by the highly qualified academic staff actively involved in research, methodological and educational activities.

There is in place an internal framework that regulates the process of professional activity of the academic staff.

High research activity of teachers involved in the programme delivery and participation in projects and grants (150 million rubles over the past 5 years).

In order to make the process of incentive payments more objective, the University is doing a lot on the development and implementation of teacher individual ranking system. For example, there is a system of non-financial and financial incentives for teachers to publish research papers in journals indexed in reputed databases, as well as to do educational, methodological and research work.

Representatives of professional community are involved in educational process, which also contributes to practice-oriented training.

There is also a built-up system of training, retraining, advanced training, and professional development for the members of the teaching staff.

Areas for improvement:

It is recommended that the University should more actively implement the obtained research results in the educational process through the development of author's courses for master and postgraduate students.

It is recommended that the University should offer more academic mobility programmes for the members of the teaching staff in the framework of cooperation with Russian agricultural and foreign educational institutions and relevant centres.

It is recommended that the University should expand the geographical coverage of its student body and international partners in terms of practical training and participation in joint international projects, as well as improving the quality of publication activity.

STANDARD 6. Learning resources and student support

Compliance with the standard: **full compliance**

Good practice:

There are sufficient modern material, technical and scientific resources at the university, fully compliant with the Federal State Educational Standard. These resources are developed with the participation of employers with due consideration of the needs of people with disabilities.

The University students and teachers benefit from own research and methodological developments that ensure a decent access to educational and information resources. The availability of information and consulting centre contributes to the achievement of this goal.

New corporate laboratories are regularly opened.

There is a modern library system with full access to information educational and scientific databases.

The Department of Social and Psychological Work and Inclusive Education aims to support students with disabilities in their academic endeavors.

Areas for improvement:

It is recommended that the University should foster students' international academic mobility via collaboration with the University strategic partners abroad.

It is recommended that the University should introduce a mechanism for implementing the individual learning path of students.

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

Compliance with the standard: **substantial compliance**

Good practice:

The University has well-developed information support of the educational process, which is a comprehensive set of modern computer-network (telecommunications) tools.

There is also a highly computerized unified information environment , which is actively used in the study programme management

The University has created conditions for independent educational and scientific activities. There are modern personal computers, free access to the Internet with unlimited access to resources, computerized classrooms. Teachers use distance learning systems in their work to facilitate students ' independent work.

Areas for improvement:

It is recommended that the University should develop a system of student self-government that allows more effective feedback from students. Based on this feedback it will be possible to develop proposals for improving educational resources and the quality of the developed programmes, as well as enhance student support system through regular student surveys.

It is recommended that the University should put into practice the system that ensures the participation of students and members of the teaching staff in the collection and analysis of information for the management of the educational program.

It is recommended that the University should strengthen the work on obtaining feedback on the collection, analysis and use of information for the management of the educational programme from key employers.

STANDARD 8. Public information

Compliance with the standard: **substantial compliance**

Good practice:

The University's website is presented in four languages: Russian, English, Chinese, and Mongolian.

The official website of the University is effective in terms of informing students, employers and the public about the quality of education.

The University website provides complete and reliable information about the educational program.

The Press Center of Krasnoyarsk State Agrarian University is a structural unit that communicates the scientific achievements of the university to the public. The main task of the unit is to cover significant university events in mass media: printed publications, on television, on the Internet.

The published methodological guide "Successful Employment" provides assistance in processing documents for the participants of the target program "Personnel support of the agro-industrial complex of the Krasnoyarsk Territory", renders assistance in preparing CVs and establishing contacts with employers. The University regularly publishes objective information about graduates' employment and labour market demand.

The University cooperates with various professional communities and organizations, including foreign ones from Mongolia, Germany, South Korea, Slovenia, the Republic of Belarus and Kazakhstan.

Areas for improvement:

It is recommended that the University should systematize information about its agricultural programmes in the central, municipal and regional media, social networks, media channels, messengers.

It is recommended that the University should publish on its website information about best graduates' employment with reviews, opinions and recommendations to current students.

It is recommended that the University should publish on its website the results of student survey to promote agricultural education provided by the University with the emphasis of the strong positions and the corrective actions for areas which need improvement.

STANDARD 9. On-going monitoring and periodic assessment of the educational programmes

Compliance with the standard: **substantial compliance**

Good practice:

There is a well-established procedure for internal monitoring, periodic evaluation and revision of the content of educational programmes, which is supervised by the Educational and Methodological Commissions of the institutes. Study programmes are also coordinated by the representatives of the professional community.

Periodic evaluation of the educational programmes is carried out using approaches and methods of the quality management system.

Students may opt to choose an individual learning path by selecting from the range of variable courses and taking into account prior education. The university component of the curriculum is designed taking into account regional peculiarities and the labor market demand.

The University regularly surveys students to collect their opinion on the study programmes and make relevant improvements.

Areas for improvement:

It is recommended that the University should integrate into the periodic evaluation and revision of educational programs relevant marketing research of the labor market needs, giving an objective assessment of the competitiveness of education provided by the University.

It is recommended that the University should include the results of stakeholders' surveys into next self-evaluation report with further development of the SWOT analysis.

STANDARD 10. Cyclical external quality assurance of the educational programmes

Compliance with the standard: **substantial compliance**

Good practice:

External evaluation of the quality of specialized educational programmes of the University is carried out on a regular basis at the regional and national levels, with the broad involvement of both external representatives of educational organizations and the professional community, as well as key employers.

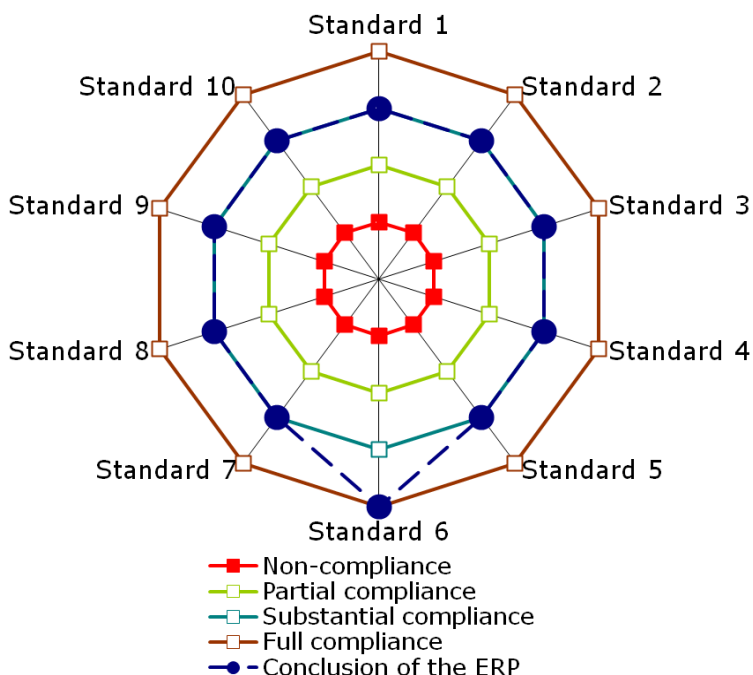
External assessments prove a fairly high efficiency of the study programme, which is confirmed by the reports of the chairmen of State Examination Boards and employer surveys. According to the results of external evaluation of study programmes, the follow up includes: revision and re-approval of programmes at faculty meetings in accordance with the results of the external review and the identified shortcomings; expert reviews (employers); introduction of changes to the study programmes in accordance with the procedure approved by the University; improvement of the mechanism for monitoring the professional career of graduates; development of international cooperation in order to involve students more actively in international projects, joint research programmes, competitions, grants, and academic mobility programmes.

The results of each external examination procedure are reviewed at meetings of the University departments. Based on these results the procedure for corrective actions is developed followed by the assignment of the working groups.

Areas for improvement:

It is recommended that the University should conduct an external independent assessment of the quality of student training with the involvement of key employers. When developing curricula and work programmes of courses it is advisable to take into account the opinion of professional communities and international experts.

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, teaching 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. On-going monitoring and periodic assessment of the educational programmes
- Standard 10. Cyclical external quality assurance of the educational programmes

CONCLUSION OF THE EXTERNAL REVIEW PANEL

Based on the self-evaluation report analysis, documents and data submitted the External Review Panel has come to the conclusion that the cluster of educational programmes in Agro-chemistry and Agro-soil Study (35.03.03, 35.04.03), Agronomy (35.03.04, 35.04.04), Agro-engineering (35.03.06), Technologies and Means of Mechanization and Power Engineering Equipment in Agriculture, Forestry and Fishery (35.06.04), Mechanization of Agriculture (35.02.07) **substantially complies** with the standards and criteria of public accreditation of the National Centre for Public Accreditation.

The External Review Panel recommends that the National Accreditation Board accredit the cluster of educational programmes in Agro-chemistry and Agro-soil Study (35.03.03, 35.04.03), Agronomy (35.03.04, 35.04.04), Agro-engineering (35.03.06), Technologies and Means of Mechanization and Power Engineering Equipment in Agriculture, Forestry and Fishery (35.06.04), Mechanization of Agriculture (35.02.07), delivered by «Krasnoyarsk State Agrarian University» for the period of six years.

SCHEDULE OF THE SITE VISIT OF THE EXTERNAL REVIEW PANEL

Time MSK	Activity
12 May, Tuesday	
08.00 – 09.30	Test Connection: ID
09.30 – 11.00	Training session
13 May, Wednesday	
08.00 – 08.30	Connection via the provided link
08.30 – 10.00	Online Meeting of the ERP with the University administration
10 minute break	
10.10- 11.10	Online meeting with the Dean and Heads of Departments
10 minute break	
11.20 – 12.20	Online meeting with the members of the teaching staff
<i>Необходимо выйти из конференции</i>	
12.20 – 14.40	Independent work of the Panel members: filling out an individual evaluation sheet, working with the website, documents, sending the evaluation sheet to the deputy chairman of the ERP and the coordinator
14.40 – 14.50	Connection via the provided link
14.50 – 15.50	Internal meeting of the Panel: drawing conclusions of day 1

Time MSK	Activity
14 May, Thursday	
09.10 – 09.30	Connection via the provided link
09.30 – 10.30	Online meeting with representatives of the professional community
10 minute break	
10.40 – 11.40	Online meeting with graduates
10 minute break	
11.50 – 12.50	Online meeting with students
<i>It is necessary log out of the conference</i>	
12.50 – 16.00	Independent work of the External Review Panel: filling out an individual assessment sheet, working with the website, documents, sending the assessment sheet to the deputy chairman of the commission
16.00 – 16.10	Connection via the provided link
16.10 – 17.40	Internal online meeting of the External Review Panel: drawing conclusions of day 2
15 May, Friday	
08.00 – 08.10	Connection via the provided link
08.10 – 11.50	Internal online meeting of the External Review Panel: preliminary results, discussion of the Final Report, filling out the final evaluation sheet based on individual assessment, preparation of an oral report on the results of External Review
11.50 – 12.00	Connection via the provided link
12.00 – 13.00	Final online meeting of the External Review Panel with the university representatives: conclusions