National Research
Tomsk
State
University

National Centre for
Public Accreditation

SUMMARY REPORT

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

«Chemistry» (04.03.01, 04.04.01),
«Fundamental and applied chemistry» (04.05.01)

delivered by the National Research
Tomsk State University

2020

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: «Chemistry» (04.03.01, 04.04.01), «Fundamental and Applied Chemistry» (04.05.01), delivered by the National Research Tomsk State University.

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

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GENERAL INFORMATION ON THE EDUCATIONAL INSTITUTION

Full name	Federal State Autonomous Educational Institution of Higher Education National Research Tomsk State University
Founders	Russian Federation, Ministry of Science and Higher Education of the Russian Federation
Year of foundation	1878 – Siberian Imperial University 1888 – Tomsk University 1934 – V. V. Kuibyshev Tomsk University 2002 – State Educational Institution of Higher Professional Education Tomsk State University 2011 – Federal State Budgetary Educational Institution of Higher Professional Education National Research Tomsk State University 2014 – Federal State Autonomous Educational Institution of Higher Education National Research Tomsk State University
Location	36, Lenin Ave., Tomsk, 634050, Russian Federation
Rector	Doctor of Psychological Sciences, Professor Eduard V. Galazhinskiy
Licence	Series 90L01 No8044 registration No 1067 dated 28.07.2014 in perpetuity
State accreditation	Certificate of State Accreditation Series 90A01 No 2731, registration No 2603 dated 29.05.2017, expiry date 29.05.2023
Number of students	Total number 14,112 Full-time 11,452 Part-time 1,037 Extramural 1,623

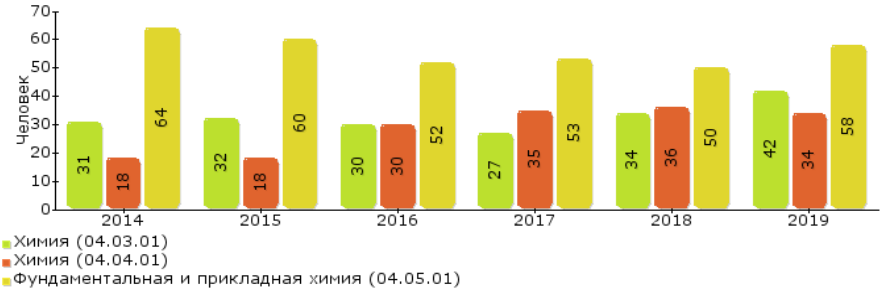
INFORMATION ON THE EDUCATIONAL PROGRAMMES UNDERGOING ACCREDITATION

Educational programmes	*«Chemistry» (04.03.01, 04.04.01), «Fundamental and Applied Chemistry» (04.05.01)*
Level of training / Standard period of training	*bachelor's degree programme - 4 years (full-time)* *master's degree programme / 2 years* *specialist's degree programme / 5 years*
Structural subdivisions (head)	*Faculty of Chemistry (dean – Slizhov Iurii Gennadevich, Candidate of Chemical Sciences, Associate Professor)*
Major department (head of major departments)☐	*Department of Inorganic Chemistry (Head of Department. – Doctor of Engineering Sciences, Professor Kozik Vladimir Vasilevich);* *Department of Analytical Chemistry (Head of the Department – Doctor of Chemical Sciences, Professor Mamaev Anatolii Ivanovich);* *Department of Organic Chemistry (Head of the Department – Candidate of Chemical Sciences, Associate Professor Slizhov Iurii Gennadevich);* *Department of Physical and Colloidal Chemistry (Head of the Department– Doctor of Chemical Sciences, Professor Vodiankina Olga Vladimirovna);* *Department of Macromolecular Compounds and Petrochemistry (Head of the Department – Doctor of Chemical Sciences, Professor Vosmerikov Aleksandr Vladimirovich)*
Date of the site visit	*23-25 October 2019*
People responsible for public accreditation of the study programme	*Rudenko Tatiana Vladimirovna,* Director of the Centre of Accreditation

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

Indicators	2020 г.
Cluster of the educational programmes in the field of study «Chemistry» (04.03.01, 04.04.01), «Fundamental and Applied Chemistry» (04.05.01)	
Number of the given programmes in the RF	319
Number of higher educational institutions to offer the given programmes	149
Number of programmes – winners of the project (% from total number of these programmes offered in the RF)	63 (19,7%)
Tomsk region	
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)	3 (60%)
Number of higher educational institutions and branches in the region	11
Total number of programmes offered in the region	386
Total number of programmes – winners of the project (% from total number of these programmes offered in the region)	131 (34%)

REFERENCE DATA ON STUDENT ENROLLMENT FOR PROGRAMME



ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMME

Quality of implementing the educational programme

The quality of student training is monitored at the level of the department, faculty and University. Surveying students and getting feedback from employers are the key methods of quality control.

The Academic Department in cooperation with the Department of Practical Training and Internships and the Centre for Education Quality Development monitors the quality of education. All the academic, organizational and methodological issues are considered by the Methodological Council and Academic and Methodological Commission of TSU.

Teaching staff

The total of 98.7% of the teaching staff involved in the bachelor's programme delivery have a degree in the subject they teach. In the master's programmes "Fundamental and Applied Chemistry of Substances and Materials" and "Translation Chemical and Biomedical Technologies" the number of the teaching staff with the relevant background education is 98.7%, and in a specialist's programme "Fundamental and Applied Chemistry" the number of the teaching staff with relevant background education is 92.86%.

The number of the teaching staff holding academic degrees is as follows: 96.8% of the teaching staff involved in the delivery of the "Chemistry" bachelor programme hold academic degrees. 95.3% of the teaching staff involved in the delivery of the specialist's programme "Fundamental and applied chemistry"); 85.7% and 80.5% of the teaching staff involved in the delivery of master's programmes "Fundamental and Applied Chemistry of Substances and Materials" and "Translational Chemical and Biomedical Technologies" hold academic degrees and titles.
94% of the teaching staff underwent professional training and retraining over the past three years.

Research activity

Students enrolled in the programmes undergoing accreditation are involved in research activities in the first semester. Student select a topic for their research at one of the five departments or research laboratories of the Faculty. Thanks to well-established academic cooperation of the Faculty students have an opportunity to do research at the leading laboratories of TSU, academic institutions, Siberian Brunch of the Russian Academy of Sciences (Tomsk, Novosibirsk, Biisk), Tomsk Polytechnic University, public limited companies. At least 15% of the Graduation theses are initiated by employers.
By the decision of the State Attestation Committee at least 30% of Bachelor graduation theses, 80% of specialist graduation theses and up

to 90% of master graduation theses are recommended for publication. The research results are published in conference proceedings, collections of papers indexed in Russian Science Citation Index, Scopus, Web of Science. 32% of the graduation theses results are implemented in industry.
14 % of bachelor students, 12% of specialist students and 60% of master students take part in scholarship contests.
For the past two years 118 students took part in professional contests and other events at the regional and national levels.
Members of the teaching staff do research in the framework of the programmes initiated by the state and private foundations and companies. Over the period from 2016 to 2018 the staff and students of the faculty published 405 research papers in journals indexed in Russian Science Citation Index, SCOPUS and Web of Science, patented 37 inventions.

The scope of research financing in 2018 amounted to 446,205 million rubles.

Academic mobility of students

TSU supports students' short-term and long-term international academic mobility programmes. Students are financed on a competitive basis. The following mobility programmes are supported: participation in international summer schools, research and educational workshops, international conferences, double degree programmes, student exchanges and joint research. 26 students from the Faculty of Chemistry received financial support for participation in international conferences.

Over the past 3 years 47 students from other HEIs in Russia and CIS countries took part in conferences hosted by the Faculty Department.

Employability of graduates

High employability of graduates straight after graduation proves the demand for such specialists on the labour market. Employability of graduates from the programmes is as follows: "Fundamental and Applied Chemistry of Substances and Materials" - 44%; "Fundamental and Applied Chemistry" - 68%; "Translational chemical and biomedical technologies" 55%. 47.6% of graduates from the programme "Fundamental and Applied Chemistry of Substances and Materials", 33% graduates from the programme "Translational Chemical and Biomedical Technologies", and 9.3% graduates from the programme "Fundamental and Applied Chemistry" continued their studies to pursue a postgraduate degree.
94% of graduates from Chemistry bachelor programme enrolled in master's programmes delivered by TSU, Ural Federal University, St Petersburg State Unviersity, Tomsk Polytechnic University, Novosibirsk State University.

Industrial enterprises file requests to the University for chemistry specialists, which also proves the high demand of TSU graduates.

Around 20% of senior students are involved in implementing grant programmes and research projects and working process at relevant organizations.

International projects

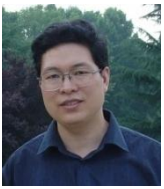
The Faculty of Chemistry at TSU offers joint programmes with Shenyang University of Technology (Bachelor programme in "Chemistry") Karagandy State University (programme Fundamental and Applied Chemistry of Substances and Materials).

The Ministry of Education of the People's Republic of China approved the launch of the double-degree bachelor programme (3+1) offered jointly by TSU and Southwest Jiaotong University. The first student admission of 100 enrollees is planned for 2020/2021 academic year. One student enrolled in the Programme "Translational Chemical and Biomedical Technologies" is also trained in a joint programme "ChimieParisTech" (France).

TSU has agreements on implementation of joint master programmes with Tomsk National Research Medical Center of the Russian Academy of Sciences (Tomsk, Russia), Ruprecht Karl University of Heidelberg (Heidelberg, Germany), The University of Münster (Münster, Germany), Leiden University (Leiden, Netherlands).

The staff members of the Faculty of Chemistry regularly take part in international conferences, deliver lectures and workshops. Over the period from 2016 to 2019 38 members of the teaching staff participated in academic mobility programmes.

EXTERNAL REVIEW PANEL



Zhang Shuyong (China)

Review Chair, foreign expert

Ph.D., Professor, Associate Dean of Undergraduate School of Shangdong University, Director of the Center for Teaching Advancement and Faculty Development, council member of the Shandong Chemical Society

A nominee of the Higher Education Evaluation Center of the Ministry of Education (HEEC)

Nikolai Prokopov (Russia)

Deputy Review Chair, Russian expert

Doctor of Chemical Sciences, Professor, First Vice-Rector, MIREA - Russian Technological University

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

Xu Shouhong (China)

Panel member, foreign expert

Ph.D., Professor, Associate Dean of the School of Chemistry and Molecular Engineering, East China University of Science and Technology

A nominee of the Higher Education Evaluation Center of the Ministry of Education (HEEC)

Ivan Leban (Slovenia)

Panel member, foreign expert

Ph.D., Professor in the sphere of Inorganic, Structural Chemistry and Crystallography, Vice-Rector of the University of Ljubljana (2001-2005), Director of the Slovenian Quality Assurance Agency in Higher Education (2013-2018), member of an expert group of the European Association of Universities

A nominee of Slovenia Agency of Quality Assurance in Higher Education

Maria Ivanova (Russia)

Panel member, representative of professional community

Vice-President of the Russian Chemists Union, deputy chair of the Council for Professional Qualifications in Chemical and Biochemical Complex

A nominee of the Russian Chemists Union

Tsupko Andrei Vladislavovich (Russia)

Panel member, representative of students

3rd year student of the Pharmaceutical Faculty, Siberian State Medical University

A nominee of Siberian State Medical University

INFORMATION ON THE LEADING TEACHERS OF THE EDUCATIONAL PROGRAMME

Altunina Liubov Konstantinovna

Doctor of Engineering Sciences, Professor, Head of the Laboratory of Colloid Chemistry at Oil Institute of Petroleum Chemistry of the Siberian Branch of the Russian Academy of Sciences, Professor of the Department of High-Molecular Compounds and Petrochemistry, a member of the European Association of Geoscientists and Engineers (EAGE), a member of the Russian Society of Oil and Gas Engineers, a member of the Academic Council of the Russian Academy of Sciences for Chemistry of Fossil and Renewable Carbon-Containing Raw Materials, a member of the Bureau of Academic Council of the Russian Academy of Sciences on Chemical Technology, a member of the Bureau of the United Academic Council on Chemical Sciences of the Siberian Branch of the Russian Academy of Sciences, a member of Mendeleev Chemical Society of the Siberian Branch of the Russian Academy of Sciences

Artiukhov Viktor Iakovlevich

Doctor of Physical and Mathematical Sciences, Head of the Laboratory of Photophysics and Photochemistry of Molecules, Professor of the Department of Physical and Colloid Chemistry, Honorary Worker of Higher Professional Education of the Russian Federation, Honorary worker of Science and Technology of the Russian Federation

Borilo Liudmila Pavlovna

Doctor of Engineering Sciences, Professor of the Department of Inorganic Chemistry, Seniour Secretary for Research and Innovation,a holder of a gold medal and diploma of the Taiwan Association of Inventions

Vodiankina Olga Vladimirovna

Doctor of Chemical Sciences, Professor, Leading Researcher of the Laboratory of Catalytic Research; Head of the Department of Physical and Colloid Chemistry, Corresponding Member of the Higher School of Economics, a member of Tomsk Professorial Assembly, Honorary Worker of Higher Professional Education of the Russian Federation, winner of the regional award for special achievements in education and science

Vosmerikov Aleksandr Vladimirovich

Doctor of Chemical Sciences, Professor, Director of the Institute of Petroleum Chemistry of the Siberian Branch of the Russian Academy of Sciences, Head of the Department of High-Molecular Compounds and Petrochemical Industry, a member of the Academic Council on Catalysis and Chemical Technologies of the Department of Chemistry and Materials Science of the Russian Academy of Sciences, a member of nonprofit partnership "National Zeolite Association", a member of the United Academic Council on Chemical Sciences of the Siberian Branch of the Russian Academy of Sciences, a member of the Editorial Board of international research journal "Chemistry for Sustainable Development»

Kozik Vladimir Vasilevich

doctor of Engineering Sciences, Professor, Head of the Department of Inorganic Chemistry, Academician of the International Informatization Academy; a Corresponding Member of the Academy of Natural Sciences; a Corresponding Member of the Academy of Higher School, a member of the Russian Academy of Sciences in chemical technology

Kurzina Irina Aleksandrovna

Doctor of Physical and Mathematical Sciences, Associate Professor, of the Department of Physical and Colloid Chemistry, Executive Director of the Institute of Smart Materials and Technologies, member of the United Academic Council on Chemical Sciences of the Siberian Branch of the Russian Academy of Sciences, Chairman of the Editorial Board of "Vestnik TSU Chemistry»

Mamaev Anatolii Ivanovich

Doctor of Chemical Sciences, Professor, Head of the Department of Analytical Chemistry, Academician of the Academy of Natural Sciences, member of the International Electrochemical Society

Otmakhov Vladimir Ilich

Doctor of Engineering Sciences, Professor, Expert on Accreditation of Testing Laboratories, Professor of the Department of Analytical Chemistry, Head of the Accredited Laboratory for Environmental Monitoring, holder of the Certificate of Honor of the Ministry of Science and Higher Education of the Russian Federation

Slizhov Iurii Gennadevich

Candidate of Chemical Sciences, Associate Professor, Head of the Department of Organic Chemistry, Dean of the Faculty of Chemistry, Honorary Chemist of the Russian Federation, Honorary Worker of Higher Professional Education»

Filimoshkin Anatolii Georgievich

Doctor of Chemical Sciences, Professor of the Department of High-Molecular Compounds and Petrochemistry, honorary employee of the Higher Education of the Russian Federation

Shelkovnikov Vladimir Vitalevich

Candidate of Chemical Sciences, Associate Professor of the Department of Analytical Chemistry, Deputy Dean for Academic Affairs of the Faculty of Chemistry

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: **Full compliance**

Good practice:

TSU has in place well-formulated goals and strategies for study programmes design in line with the mission and strategy development of the Faculty, University and the region.

TSU has in place the quality management system which is in compliance with Standard ISO 9001:2015 and certified by the Bureau Veritas (France).

All stakeholders including university administrative and teaching staff members, students, employers, alumni, members of all TSU subdivisions are involved in policy making and quality assurance procedure at the University.

The University has sufficient resources for internal quality assurance which is being regularly updated based on the development of scientific knowledge, legal framework, renewing organization of the educational process.

Areas for improvement:

It is recommended that rapid reaction tools (efficient feedback from employers of the Tomsk Region) should be developed in order to provide quick response to the changing conditions of the labour market

It is recommended that students should more actively provide feedback on the conditions of education. The obtained results should be analyzed.

STANDARD 2. Design and approval of programmes

Compliance with the standard: **full compliance**

Good practice:

The University has in place properly regulated procedures for assessment and further improvement of educational programmes all through the period of programme implementation.

The content of the programmes prioritizes demand-driven labour market and professional standards. Employers are actively involved in programme management and delivery (discussing goals and objectives

of the programme, practical modules, preliminary selecting specialists while studying).

Areas for improvement:

It is recommended that international partners should be involved in design, approval and revision of educational programmes.

It is recommended that new professional standards, when approved, should be included in the educational programmes.

STANDARD 3. Student-centered learning and assessment

Compliance with the standard: **substantial compliance**

Good practice:

The University has clear assessment criteria of learning outcomes. Assessment procedures comply with the requirements of the current regulatory documents, Federal State Educational Standards and independently established educational standard of TSU. There is a level-by-level development of students' competencies corresponding to the set learning outcomes, goals and use of study programmes. Formative and summative assessment of students' retained knowledge is regularly carried out in different educational programmes.

Students can choose to pursue individual learning trajectories. In-campus additional training courses are available for students enrolled in all educational programmes.

Students can also develop their foreign language competency by attending an intensive foreign language course.

Areas for improvement:

It is recommended that teachers should extend and enhance the use of e-learning educational resources in educational process.

When offering students individual learning trajectories it is recommended that the University should more actively implement further education programmes developed by the administering department including the ones in vocational jobs (e.g. chemical analysis laboratory assistant).

It is recommended that the University should continue to modify the new university buildings to make them accessible by people with special needs and disabilities.

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

Compliance with the standard: **full compliance**

Good practice:

There is in place regular career guidance work. The Faculty of Chemistry offers 9-11 grade school students to join the Yong Chemist society.

Students are provided with the opportunity to carry out research and project work using state-of-the-art equipment of the leading TSU laboratories, regional research centres, academic facilities of the Siberian Branches of the Russian Academy of Science in Tomsk, Novosibirsk, Biisk, laboratories of Tomsk Polytechnic University, Innovative Portal of the Tomsk Region, PJSC SIBUR Holding, integrated petrochemicals company.

There is an ongoing monitoring of student progress and corrective actions.

There is in place a system of material and non-material incentives to support student academic achievements.

Areas for improvement:

It is recommended that students should be more actively involved in national and international academic mobility programmes.

It is recommended that students should more actively compete for projects, applied R&D and state funded programmes initiated by the Ministry of Science and Higher Education.

In order to attract more international students it is recommended that the University should use clearer rules and procedures on the English version of the University website.

STANDARD 5. Teaching staff

Compliance with the standard: **full compliance**

Good practice:

Qualification of the teaching staff involved in the programme delivery complies with the requirements of the Federal State Educational Standards of Higher Education. 96.8 % of the teaching staff hold academic degrees and titles.

Intensive research activity and active involvement of the teaching staff in professional research national and international projects ensures high level of student training.

The teaching members of the teaching staff are highly motivated to take part in career advancement programmes and internships (including international training progammes) practiced in TSU.

Members of the teaching staff supervise research work of postgraduate students, are included in dissertation councils, defend theses, publish the results of their research in reputable scientific journals, maintain high citation index in Web of Science, Scopus and Russian Science Citation Index, present in prestigious conferences. For example, for the period from 2016 to 2018, 37 patents were obtained, and the total research funding amounted to 446,205 million rubles.

Areas for improvement:

It is recommended that the University should develop the incentive scheme for young teachers.

It is recommended that employers should be more actively involved in the learning process, i.e. lecture delivery, conducting workshops and research and practical seminars.

It is recommended that employers should be involved in grant implementation.

It is necessary to involve more foreign visiting professors to deliver lectures in contemporary chemistry.

STANDARD 6. Learning resources and student support

Compliance with the standard: **full compliance**

Good practice:

Well-developed resources and state-of-the-art equipment and machinery of the Faculty of Chemistry provide for high level of academic and research process.

The University offers free access to numerous national and international information resources and databases. All students actively use e-learning and research resources, which ensures high level of specialist training.

Social infrastructure of the University ensures that quality education is accessible by students of different ages and needs. Student support services enhance the effectiveness of the educational process, promote professional and cultural development of students.

Tutoring is functioning all through the period of student training in bachelor's master's and specialist's programmes.

Areas for improvement:

It is recommended that software used in the educational process should be regularly updated in line with the modern trends in education.

It is advisable that maintenance of academic and research machinery should be carried out on a systemic basis.

It is recommended that student questionnaire should be updated to include questions on the quality of the delivered study programmes and conditions for their implementation.

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

Compliance with the standard: **substantial compliance**

Good practice:

There is in place an effective system of information collection and programme management suitable for different customer groups, which enables implementing managerial functions through the new information and communication technologies in a quick and effective way.

Complete and reliable information on the study programmes is available from the official website of the Faculty of Chemistry.

Students and teachers actively collaborate via Moodle platform.

Areas for improvement:

It is recommended that employers should be more actively involved in quality monitoring of the educational process.

It is recommended that the University should maintain communication with programme graduates on a regular basis. For this purpose the faculty website resources should be used.

It is recommended that the members of the teaching staff at the Faculty of Chemistry should be more active in the development of e-learning resources and personal websites.

STANDARD 8. Public information

Compliance with the standard: **substantial compliance**

Good practice:

Information on student and graduate employment and vacancies is easily accessible.

The general public is informed about educational programs through various educational and professional organizations.

Members of the teaching staff hold joint events together with the representatives of the professional community, colleagues from scientific and educational organizations in Tomsk and the Tomsk region, other regions of Russia, as well as abroad (round tables, conferences, research workshops).

Areas for improvement:

It is recommended that webpages of teachers and the website of the Department of Chemistry should be regularly updated.

It is advisable that "Our graduates" informational page should be developed with employer feedback on student practical training and alumni's success stories.

It is recommended that the University resources should be more actively employed to disseminate the information on the cluster of study programmes in other countries.

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

Compliance with the standard: **substantial compliance**

Good practice:

Properly developed procedures for monitoring and periodic evaluation of the cluster of study programmes facilitate timely updates of the content of study programmes taking into account new scientific achievements, employer requirements, student needs, trends of education development, personal and professional queries.

The curriculum, academic calendar, working programs of disciplines are developed using specially designed software.

Study programmes, methodological and organizational documents are regularly updated in accordance with the internal regulations.

Areas for improvement:

It is recommended that feedback from employers and graduates should be systematized and used in progamme and curriculum updates.

It is advisable that international specialists should be more actively involved in study programme monitoring.

STANDARD 10. Cyclical external quality assurance of the educational programmes

Compliance with the standard: **full compliance**

Good practice:

According to the results of the state certification procedure with the participation of employers and representatives of relevant in-line ministries a comprehensive plan of corrective actions has been developed. This plan includes the system of actions taken by the Department to modernize the educational process, activate student independent work, intensify and optimize teaching, research and methodological activities of teachers.

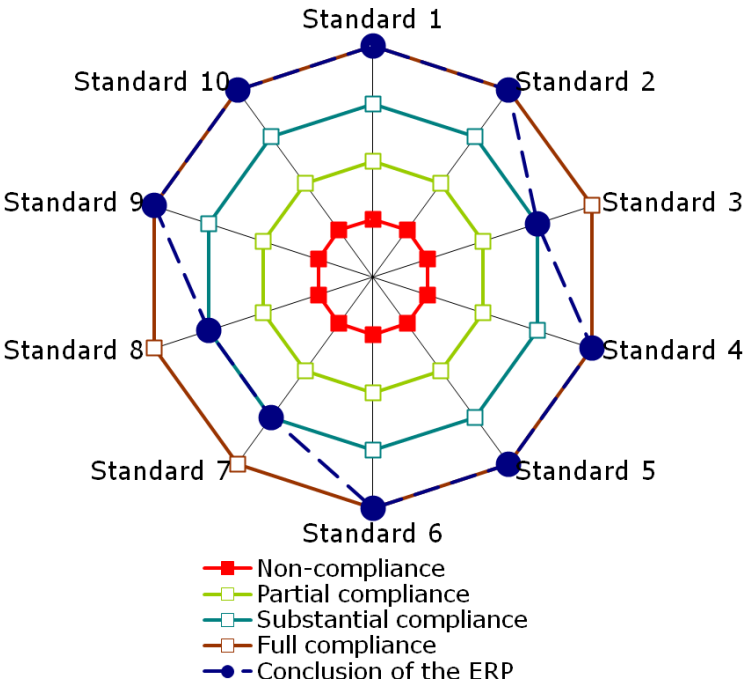
External evaluation of the quality of educational programs is carried out on a regular basis with the involvement of representatives of the professional community and key employment partners.

Areas for improvement:

Corrective action programs based on the results of external evaluation procedures for educational programs should be published on the official website of the University.

It is recommended that the results of external evaluation of educational programs should be made available to employers and representatives of the academic community.

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 the educational programmes «Chemistry» (04.03.01, 04.04.01), "Fundamental and Applied Chemistry" (04.05.01) **fully 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 the educational programmes «Chemistry» (04.03.01, 04.04.01), "Fundamental and Applied Chemistry" (04.05.01), delivered by the National Research Tomsk State University for the period of **6 years**.

SCHEDULE OF THE SITE VISIT OF THE EXTERNAL REVIEW PANEL

Time	Activity	Participants	Venue
22 October, Tuesday			
	Transfer from the airport		
23 October, Wednesday			
8.30	Arrival at the University		
08.45 — 10.30	The first meeting of the External Review Panel		Room 7 of TSU Research library, 2nd floor (conference hall), 34a, Lenin Prospect
10.30 — 12.00	**Meeting of the ERP with the University administration and people responsible for accreditation**	Rector, Vice-Rectors, people responsible for accreditation, ERP	Room 7 TSU Research library
12.00 — 13.00	Visit to the research library	ERP	TSU Research library
13.15 — 14.15	Lunch		University canteen, the Main building of the University
14.15 — 15.00	Tour of the University	ERP	TSU main building
15.15 — 16.15	**Meeting with Dean, Deputy Deans, Programme supervisors**	Dean, Deputy Deans, Programme supervisors. ERP	Room 7 of TSU Research library
16.15 — 16.45	Work with documents	ERP	Room 7 of TSU Research library
16.45 — 17.45	**Meeting with heads of departments**	Heads of Departments, ERP	Room 7 of TSU Research library
17.45 — 18.00	Internal meeting of ERP	ERP	Room 7 of TSU Research library
18.00 — 19.00	**Meeting with graduates**	graduates, ERP	Room 7 of TSU Research library
19.00 — 19.30	Internal meeting of ERP	ERP	Room 7 of TSU Research library

Time	Activity	Participants	Venue
24 October, Thursday			
8.45	Arrival at the University		
09.00 — 10.00	**Meeting with teachers**	Teachers, ERP	Room 7 of TSU Research library
10.00 — 10.30	Internal meeting of ERP	ERP	Room 7 of TSU Research library
10.30 — 11.30	**Meeting with students**	Students, ERP	Room 7 of TSU Research library
11.50 — 13.00	**Visiting research and academic laboratories of the Faculty of Chemistry**	ERP	University Building 6, 49 Arkadia Ivanova Str.
13.15 — 14.05	Lunch		University canteen, the Main building of the University
14.35 — 15.35	**Meeting with representatives of Cancer Research Institute of Tomsk NRMC**	Representatives of professional community, representatives of Cancer Research Institute of Tomsk NRMC, ERP	Cancer Research Institute of Tomsk NRMC, 5 Per. Kooperativny
16.10 — 17.10	**Meeting with representatives of professional community**	Representatives of professional community, ERP	Room 7 of TSU Research library
17.10 — 19.00	Working with report, documents	ERP	Room 7 of TSU Research library
25 October, Friday			
8.45	Arrival at the University		
09.00 — 12.00	Internal meeting of the Panel: discussion of preliminary results of the site visit, preparation of the oral report of the panel	ERP	Room 7 of TSU Research library
12.00 — 13.30	**Closing meeting of the External Review Panel with the representatives of the University**	ERP, University administration, Heads of the Graduate Departments, teachers, students	Room 7 of TSU Research library
13.30 — 14.30	Lunch		University canteen, the Main building of the University
	Departure		