

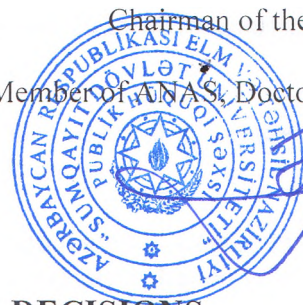
“Approved”

**Sumgayit State University**

Public Legal Entity

Chairman of the Scientific Council, Acting Rector

Corresponding Member of ANAS, Doctor of Technical Sciences, Professor



*A.B. Sadigov*

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## **DECISIONS**

of the Scientific Council of Sumgayit State University  
(Meeting dated September 10, 2025 – Protocol No. 1)

The regular meeting of the Scientific Council of Sumgayit State University was held on September 10, 2025. The agenda included six issues (agenda attached). Out of 32 members of the Scientific Council, 31 attended the meeting. By open voting, the Scientific Council adopted the following decisions (Protocol No. 1 attached):

### **Issue I: Optimization of Research Activities According to Priority Areas at SSU**

(Reporter: Vice-Rector for Science and Innovation, Assoc. Prof. E.T. Abdullayev and Faculty Deans)

1.1. The reports of the Vice-Rector for Science and Innovation, Assoc. Prof. E.T. Abdullayev, and the faculty deans on the optimization of research activities according to priority areas at SSU shall be taken into consideration.

1.2. The expansion of applied research and strengthening cooperation with regional industrial enterprises shall be considered appropriate.

1.3. Faculty deans and heads of departments shall be instructed to make serious efforts to conduct research based on orders from industrial enterprises.

1.4. Faculty deans shall be instructed to conduct analyses to determine priority areas in applied research across technical sciences, mathematics, physics, chemistry, biology, economics, history, geography, philology, and pedagogy, and to submit proposals to the university administration.

1.5. The systematization and coordination of research activities at SSU shall be entrusted to the Vice-Rector for Science and Innovation, Assoc. Prof. E.T. Abdullayev.

## **Issue II: Results of Student Admission to SSU for the 2025/2026 Academic Year**

(Reporter: Vice-Rector for Science and Innovation, Assoc. Prof. E.T. Abdullayev)

- 2.1. The report on the admission results for the 2025/2026 academic year shall be taken into consideration.
- 2.2. Faculty deans, department heads, and instructors shall ensure special attention and individual work with talented students admitted with high scores.
- 2.3. Faculty deans and the Educational-Methodological Center shall take into account proposals from enterprises when preparing admission forecasts aligned with labor market needs.
- 2.4. It shall be considered appropriate to continue meetings of SSU representatives with students and parents in schools across Sumgayit and surrounding regions to provide detailed information about academic programs.
- 2.5. Faculty deans shall ensure that future admission plans include both traditional and new programs based on labor market analysis.

## **Issue III: Status of Preparation for the 2025/2026 Academic Year**

- a) Preparation for the teaching process
  - b) Status of classrooms and infrastructure
- (Reporters: Assoc. Prof. E.T. Abdullayev and Chief Accountant Ravan Rzayev)

- 3.1. The reports on preparation for the academic year shall be taken into consideration.
- 3.2. It shall be noted that class schedules, academic journals, curricula, and other academic documents have been prepared.
- 3.3. Faculty deans, department heads, and structural unit leaders shall ensure re-inspection of classrooms, laboratories, and offices, and eliminate any deficiencies by September 15.
- 3.4. Repair and monitoring of structural cracks on campus shall remain under the supervision of Chief Accountant Ravan Rzayev.

## **Issue IV: Readiness of the Student Dormitory for the New Academic Year**

(Reporter: Vice-Rector for Social Affairs and Public Relations, Assoc. Prof. E. Sh. Khalilov)

- 4.1. The report on dormitory readiness shall be taken into consideration.

4.2. Students admitted with scores above 500 shall be provided accommodation free of charge.

4.3. Structural unit leaders shall ensure inspection and prompt elimination of any deficiencies.

## **Issue V: Approval of the Scientific Council Work Plan for 2025/2026**

(Reporter: Scientific Secretary, Prof. M.M. Samadov)

5.1. The work plan for the 2025/2026 academic year shall be approved.

## **Issue VI: Current Issues**

### **6.1. Approval of Dissertation Topics and Scientific Supervisors**

Dissertation topics and supervisors of doctoral candidates and dissertation applicants were approved, including:

- Mathematical modeling of non-stationary wave processes in rheological media (Computer Science)
- Development of intelligent control algorithms for melioration systems
- Socio-economic and cultural life of Lankaran (2003–2020)
- Agrarian policy of the Republic of Azerbaijan (2009–2018)
- Improvement of financial flow management in industrial enterprises
- Economic security of chemical industry enterprises
- Regulation of financial mechanisms in technoparks
- Family and gender issues in the works of Doris Lessing
- Word stress in Azerbaijani, Russian, and English languages
- Reactive power control in power supply systems based on fuzzy logic

#### **(6.1. Approval of Dissertation Topics and Supervisors)**

The dissertation topics and scientific supervisors of former doctoral candidates and dissertation candidates from various departments have been approved as follows:

- In the field of **System Analysis, Control and Information Processing (3338.01)**, several candidates from the Department of Information Technologies and related fields have had their dissertation topics confirmed, focusing on areas such as automated design systems, flexible manufacturing, adaptive control models, industrial robotics, and intelligent control systems. Their supervisors have been appointed from among professors holding Doctor of Technical Sciences degrees.
- In **Business Administration (5311.01)**, a dissertation on diversification of production in chemical and petrochemical enterprises has been approved, supervised by a Doctor of Economic Sciences.

- In **Computer Science (1203.01)**, a dissertation on algorithms and models for corporate management of scientific and innovation research has been approved.
- In **Petroleum Chemistry (2314.01)**, research on the production process of allyl compounds has been confirmed.
- In **Sociology (6312.01)** and **Social Philosophy (7207.01)**, dissertations addressing the application of sociology in Western European management systems and the role of education in personality formation have been approved, supervised by a professor from Baku State University.
- In **Azerbaijani Literature (5716.01)**, a dissertation on the works of Tofiq Mahmud has been approved.
- In **Electrical Engineering Systems (3340.01)**, research on intelligent control systems for specialized manipulators has been confirmed.

All respective scientific supervisors have been officially appointed.

## 6.2. Approval of Educational Programs and Curricula

### 6.2.1. Bachelor's Level

Curricula for the following programs have been approved:

- Teaching Informatics (Digital Skills)
- Teaching Mathematics and Informatics (Digital Skills)
- Teaching Azerbaijani Language and Literature
- Teaching English Language and Literature
- Special Pedagogy
- Primary Education
- Preschool Education

Training for specialties with updated classification codes, as per the Resolution No. 503 (December 2, 2024) of the Cabinet of Ministers of the Republic of Azerbaijan, shall continue based on existing curricula.

The following educational programs and curricula are approved:

### Master's Level

- **7001001 – Pedagogy:** Teaching of Azerbaijani Language and Literature; Biology; Geography; History; Chemistry; Preschool Education; Theory and History of Education; Mathematics; Physics
- **7002013 – Psychology:** Educational Psychology
- **7002016 – History:** Modern and Contemporary History of Azerbaijan
- **7004003 – Business Administration (MBA):** General Management; Finance

- **7005008 – Chemistry:** Organic Chemistry; Physical Chemistry; Petroleum Chemistry
- **7005011 – Mathematics:** Mathematical Analysis; Differential Equations; Mathematical Foundations of Informatics
- **7006005 – Data Science:** Data Analysis
- **7006007 – Environmental Engineering:** Environmental Protection and Efficient Use of Natural Resources
- **7006008 – Electrical and Electronics Engineering:** Power Supply
- **7006016 – Information Technologies:** Information Systems in Management
- **7006017 – Information Security:** Cybersecurity
- **7006020 – Chemical Engineering:** Technology of Basic Organic Synthesis; Polymer Chemical Technology
- **7006022 – Computer Engineering:** Computer Systems and Networks

### 6.3. Preparatory Program for Foreign Citizens

The working curriculum for the preparatory course designed for foreign citizens has been approved.

(Each topic approved with assigned scientific supervisors.)

Scientific Secretary:



Prof. M.M. Samadov