

# Novosibirsk State University



# Novosibirsk State University

NSU was opened in 1959  
as a new-type university,  
training high-profile specialists.



From its first day the  
university has been  
integral with Siberian  
Branch of Russian  
Academy of Sciences.

# Новосибирский государственный университет:

## РЕКТОРЫ



*Вокую Н. Н.  
с 1959 по 1965 г.*



*Белжеп С. Т.  
с 1965 по 1978 г.*



*Коптюж В. А.  
с 1978 по 1980 гг.*



*Дерявинко А. Н.  
с 1980 по 1982 г.*



*Накоряков В. Е.  
с 1983 по 1985 г.*



*Ершов Ю. А.  
с 1986 по 1994 гг.*



*Врагов В. Н.  
с 1994 по 1997 г.*



*Собинин В. А.  
с 2007 г.*



*Диканский Н. С.  
с 1997 по 2007 г.*



## СОВЕТ МИНИСТРОВ СССР ПОСТАНОВЛЕНИЕ

№ 31  
от 9 января 1958 г.  
Москва, Кремль

### ОБ ОРГАНИЗАЦИИ НОВОСИБИРСКОГО ГОСУДАРСТВЕННОГО УНИВЕРСИТЕТА

Совет Министров Союза ССР ПОСТАНОВЛЯЕТ:

1. Принять предложение Совета Министров РСФСР и Министерства высшего образования СССР об организации в 1958 году Новосибирского Государственного университета.

2. Строительство учебных и жилых зданий для Новосибирского госуниверситета выложить в комплекс зданий, строящихся для Сибирского отделения АН СССР.

Академии наук СССР выложить в стодный сметно-финансовый расчет на строительство научного городка Сибирского отделения АН СССР стоимость строительства комплекса зданий Университета.

3. Обязать Министерство высшего образования СССР осуществить в 1958 году проектирование учебного корпуса для Новосибирского госуниверситета объемом в 60 тыс. кубометров помещений для студентов на 1200 человек и жилых домов на 96 квартир и не позднее 1 марта 1958 года выдать проектное задание Академии наук СССР.

4. Обязать Совет Министров РСФСР предусмотреть в плане капиталовложений на строительство объектов научного городка Сибирского отделения Академии наук СССР необходимые ассигнования на строительство зданий и оснащение Новосибирского госуниверситета.

Зем.председателя Совета Министров СССР  
Управляющий Делами Совета Министров СССР

А.Косыгин  
А.Абрамов

Из приказа Министерства Высшего образования СССР (19 мая 1959г. № 583):

Начать с 1 сентября 1959 года учебный процесс в Новосибирском государственном университете.

# Mission of the University:



- To train high-profile specialists for science, education and science-intensive industry delivering them fundamental education in Hard Sciences and Humanities.

- To develop and sustain world-leading scientific schools in Hard Sciences and Humanities.

# NSU: The System of Continuous Education

High schoolers



Olympiads



Pre-university Training



Undergraduate Studies



Higher College of Informatics

Physics and Mathematics School

Professional Retraining and Vocational Education

Ph. D Studies

Master Studies

NSU has been holding Olympiads in Mathematics, Physics, Chemistry, Biology, Informatics and other fields of science for more than 40 years.

The winners of such Olympiads are enrolled in the University without entrance examination.

The winners of the Olympiads for high school students are eligible to enter **Physics and Mathematics School** (Physics, Mathematics, Chemistry, Biology, Economics) and **Higher College of Informatics** at NSU. Their graduates enter the university after passing entrance exams.



# The University's intellectual capital is formed by:

38 Research Institutes of SB RAS

employing more than 5000  
researchers

124 scientific schools with 36 regarded as world  
–leading ones

The number includes **44 full members of Russian Academy of Sciences**, who:  
deliver lectures at the University;  
Carry out scientific guidance,  
supervising students working  
towards their degrees.





## Total Number of Graduates is more than 45 000

### This number includes:

- Every 10th alumnus has been awarded Ph. D. Degree;
- Every 40th has become Doctor of Science;
- 1 Academician of Russian Academy of Education ;
- 11 Academicians of RAS
- 28 Corresponding Members of RAS;
- 30 has become Directors of Research Institutes of Novosibirsk Scientific Center;
- More than 100 laureates of Russian and international scientific prizes;
- 20 has become Directors of Research Institutes of science-intensive;
- 70% of research staff of SB RAS.



# Total Number of Students:

6592 full time students  
459 part-time students

214 Ph. D students .  
8 Doctorate Students  
2489 Bachelor Students  
3381 Specialist Students  
722 Master Students



# The Faculty:

Total: 1874.

The number includes:

44 Academicians

38 Corresponding Members of RAS

563 Doctors and 880 Ph. Ds



The students are supervised only by those faculty members, who hold at least Ph. D.

# International Activity:

**The university has signed more than 40 collaboration agreements with leading universities, academic organizations and business companies of Europe, Asia and America.**

**Under the agreements signed the University carries out:**

- ★ Double diploma programs;
- ★ Student and academic exchange programs;
- ★ Programs of joint scientific supervision;
- ★ Internship programs;
- ★ Scholarship programs;
- ★ Joint research projects.



## USA

University of California, Davis  
The Pennsylvania State University  
University of St. Thomas

## The Great Britain

Surrey University

## Spain

University of Castilla- La Mancha

## Italy

Pisa University  
State University of Calabria  
Catholic University of Milano

## France

Ecole Polytechnique  
Paris IV  
Paris XII  
Ecole de Mines  
L'Universite de Nantes

## Germany

Goethe Institute  
Carl von Ossietzky University of Oldenb  
Karlsruhe University

# The Area of International Activity

## Belgium

The Universite Libre de Bruxelles (ULB)

## Taiwan

National Taiwan University

## Japan

Toyama University  
Hokkaido University  
Japan Foundation  
Tohoku University  
Tokyo Institute of Technology  
Japan Advanced Institute  
Of Science and Technology

## Kazakhstan

The Kazakh national university of al-Farabi

## Singapore

National University of Singapore

## Korea

Seo Kyeong University  
Korea Advanced Institute of Science and Technology (KAIST)  
Hankuk University of Foreign Studies  
Ajou University  
Korea Foundation  
Chungnam National University  
Pusan University of Foreign Studies  
Yeungnam University  
Pai Chai University

## China

Shenjansky Polytechnical University  
Sintzjansky State University  
Shenjansky Technological University  
Hejluntszjansky University

## Jordan

Al-Balqua Applied University

# International Activity:

International student body is about 250 students from all over the world and CIS countries.

They are enrolled:

- ☆ In all academic programs of the university, including Ph. D. Studies
- ☆ Year –round courses of Russian language for international students.



# International Centers of NSU:



- German Center of NSU (established and function in collaboration with Goethe – Institute, Germany)

- Korean Center of NSU (established and function with the support of Embassy of Republic of Korea in Moscow)



- Information Resource Center of NSU (established and function in collaboration with DAAD, Alliance Francaise, Campus France, ACTR/ACCELS, EducationUSA and Regional Support Office of the EC-Russia Collaboration Programs in Novosibirsk)



**Department  
of Foreign Languages (DFL)**

**Department of Medicine (DM)**

**Department of Mechanics  
and Mathematics (DMM)**

**Department of  
Humanities (DH)**

**Department  
of Information  
Technologies (DIT)**

**Department of  
Philosophy (DPh)**

**Departments  
of the University**

**Department  
of Economics (DE)**

**Department of Geology and Geophysics  
(DGG)**

**Department of  
Psychology (DPs)**

**Department of Journalism (DJ)**

**Department  
of Natural Sciences (DNS)**

**Department  
of Law (DL)**

**Department of Physics (DP)**



# Department of Mechanics and Mathematics (DMM)

- Mathematics



- Applied Mathematics and Informatics



- Mechaincs







# Department of Physics (DP)

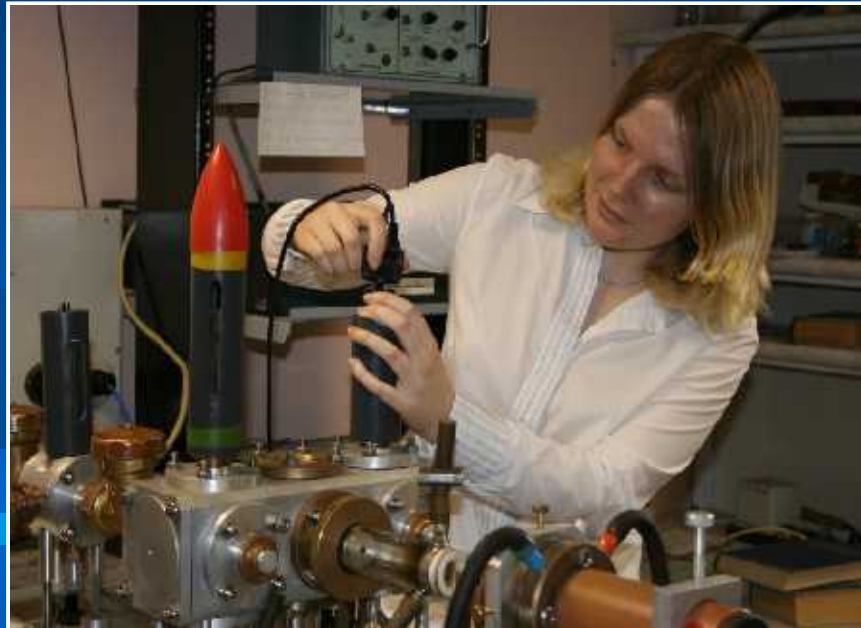


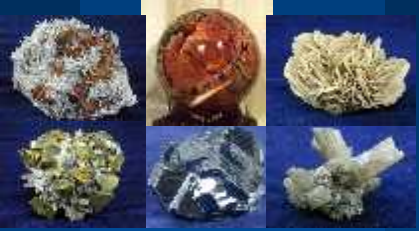
- Physics
  - Physical Informatics



# Department of Natural Sciences (DNS)

- Chemistry
- Biology





# Department of Geology and Geophysics (DGG)

- Geology
- Geophysics
- Geology and Geophysics of Combustibles



# Department of Economics (DE)



- Economics
- Sociology
- Economics and Law
- Management
- Mathematical Methods in Economics
- Management (vocational education)



# Department of Humanities (DH)

▪ Philology



▪ History



▪ Oriental Studies  
(History and  
Language of Japan,  
Korea and China)



# Department of Information Technologies (DIT)



- Informatics and Computers
- Software for Computers and Automation Systems
- Computers, Complexes, Systems and Networks

# Department of Psychology (DPs)

Psychology



# Department of Journalism (DJ)

- Press Journalism
- TV Journalism
- Radio Journalism





# Department of Foreign Languages (DFL)



- Teaching Foreign Languages and Cultures
- Translation and Translation Studies
- Intercultural Communication



# Department of Medicine (DM)

- Therapeutics;
- Cardiology;
- Surgery;
- Pediatrics;
- Oncology;
- Immunology;
- Virology;
- Lymphology;
- Transplantology



# Department of Law (DL)

- Criminal Law
- Civil Law
- International Law





# Department of Philosophy (DPh)

## Master Program in Philosophy





In year 2007 Novosibirsk State University won in All-Russia Innovation Program Contest held under National Project “Education”.

The University’s Project “ Innovative Educational Programs and Technologies Carried Out in Partnership between Classical University and Science, Business and State” aims to develop:

1. Process of education
2. Fundamental and applied research
3. Technologies of education integrated with business
4. The university’s infrastructure





# Subsidies to NSU under “Education” Project

Types of investments	Amount of Finance, Year 2007, (in million rubles)		Amount of Finance, Year 2008, (in million rubles)		Total Amount of Finance (in million rubles)	
	Subsidy	Co-financing	Subsidy	Co-financing	Subsidy	Co-financing
1. Laboratory Equipment	405,76	62,83	405,84	63,56	811,60	126,39
2. Software and Printed Materials	26,25	1,97	26,16	1,24	52,41	3,21
3. Modernization of lecture halls	-	21,80	-	21,80	-	43,60
4. Vocational Training for Staff and Faculty	18,50	3,50	18,50	3,50	37,00	7,00
<b>Total:</b>	<b>450,50</b>	<b>90,10</b>	<b>450,50</b>	<b>90,10</b>	<b>901,00</b>	<b>180,20</b>

# Research and Education Complexes



To pursue cut-edge technologies, develop and converge new knowledge.



New organizational form to integrate science, education and business.

# Research and Education Complex for Current Problems of Mathematics, Mechanics and Informatics



**Includes 3 Centers for Research and Education:**

- CRE for Fundamental Problems in Mathematics
- CRE for Computational Mathematics and Informatics
- CRE for Fundamental Problems of Continuum Mechanics





# Research and Education Complex «Living Systems»



## Composed of 3 labs:

- Interdisciplinary Laboratory “Science, Health, Society”.
- Laboratory for Diagnosis of Noninfectious and Infectious Diseases with Modern Molecular-Genetic Methods.
- Laboratory for New medical Products and Technologies.

# Research and Education Complex «Nanosystems and Modern Materials»

Opened at NSU and include:

- CRE «Modern Nuclear Physics».
- CRE «Plasma Technologies, Clusters and Aerosols».
- Regional Interuniversity Center for Structural Research of Nanomaterials.
- CRE “Optics of Nanostructures”.



# Research and Education Complex of Laser Spectroscopy, Photonics and Optoelectronics



# Research and Education Complex «Ecology and Nature Management»



**Includes 3 Centers for  
Research and Education:**

- CRE«Ecology and Biodiversity»
- CRE «Molecular Design and Ecologically Safe Technologies»
- CRE «Biotechnologies»



# Research and Education Complex for Humanities



## Includes:

- Interregional Research and Education Center of NSU and Institute of Archeology and Ethnography of SB RAS
- «Siberian Archeological Field School»
- Education and Research Laboratory of Archaeography.
- Education and Research Innovation Center of Archaeography
- Education and Research Laboratory «Ancient Languages and Epichristian Culture»
- Laboratory «Language and Folklore of Siberian Peoples»
- Education and Research Laboratory of Ethnopsycholinguistics
- Laboratory «Linguistics and Intercultural Communication»
- Laboratory of Ethnographical and Ecological Journalism

# Research and Education Complex of Earth Sciences



# Research and Education Complex of Power Engineering and Energy Saving Technologies

# Research and Education Complex of Information and Communication Technologies



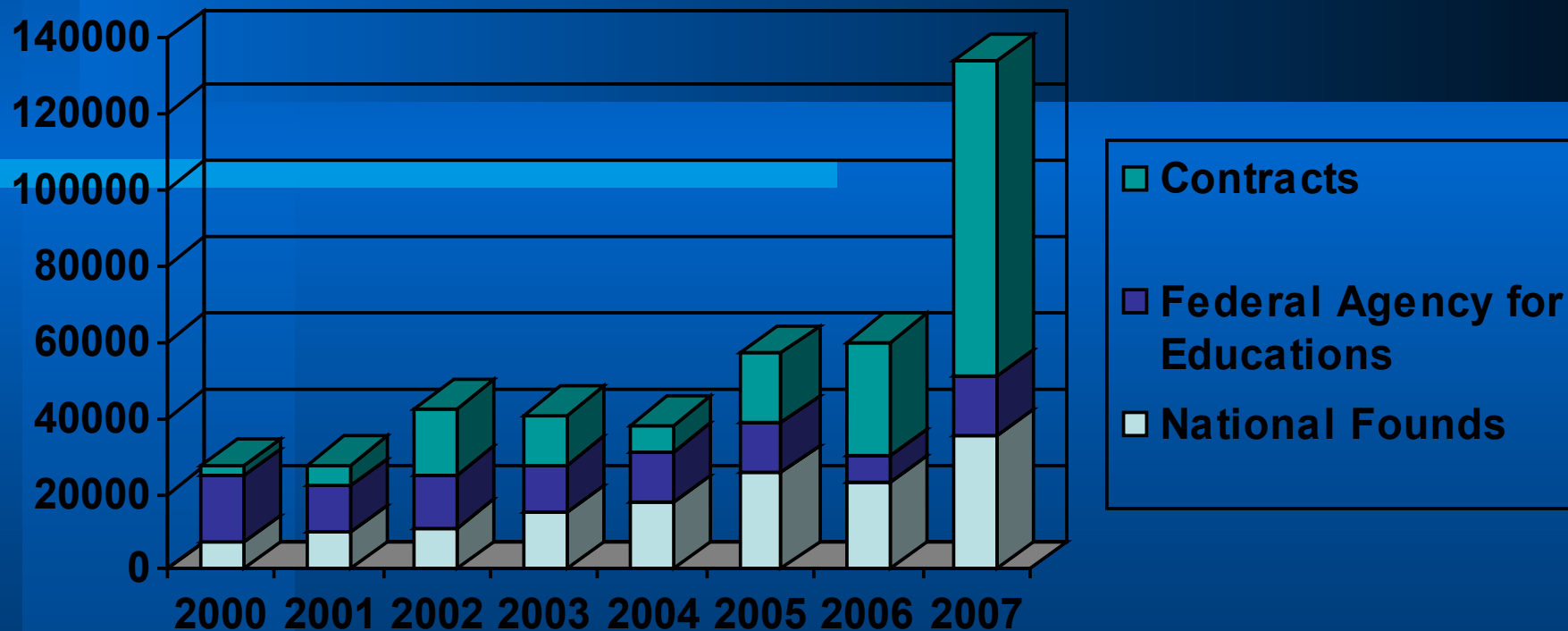
# Research and Education Complex of Law







# Accomplishments under the Project Scientific Research at NSU: Financing





# Accomplishments under the Project University Education

- More than 400 faculty members of the University have taken part in different vocational training programs, including 180 who have taken part in scientific conferences in Russia and abroad.
- NSU has organized 20 scientific conferences, schools, round tables and seminars.
- NSU has organized 15 scientific Olympiads (9 of them for students) + 3 scientific summer schools.
- The students of the University have been awarded more than 250 awards, scholarships and grants.



# Accomplishments under the Project University Manpower

New 2-year Master Programs have been developed and introduced:

- Bioinformatics
- Energy-saving and Ecologically Safe Technologies in Power Engineering.
- Solid Body Physics and Methods to Study Functional Materials and Nanosystems.

Information Security

- Parallel Computing Technologies

145 textbooks, and 20 digital lecture and training courses have been developed and introduced

Language laboratories, computer classrooms and 13 scientific laboratories have been equipped and renovated.



# Accomplishments under the Project

## Vocational Training

NSU has become:

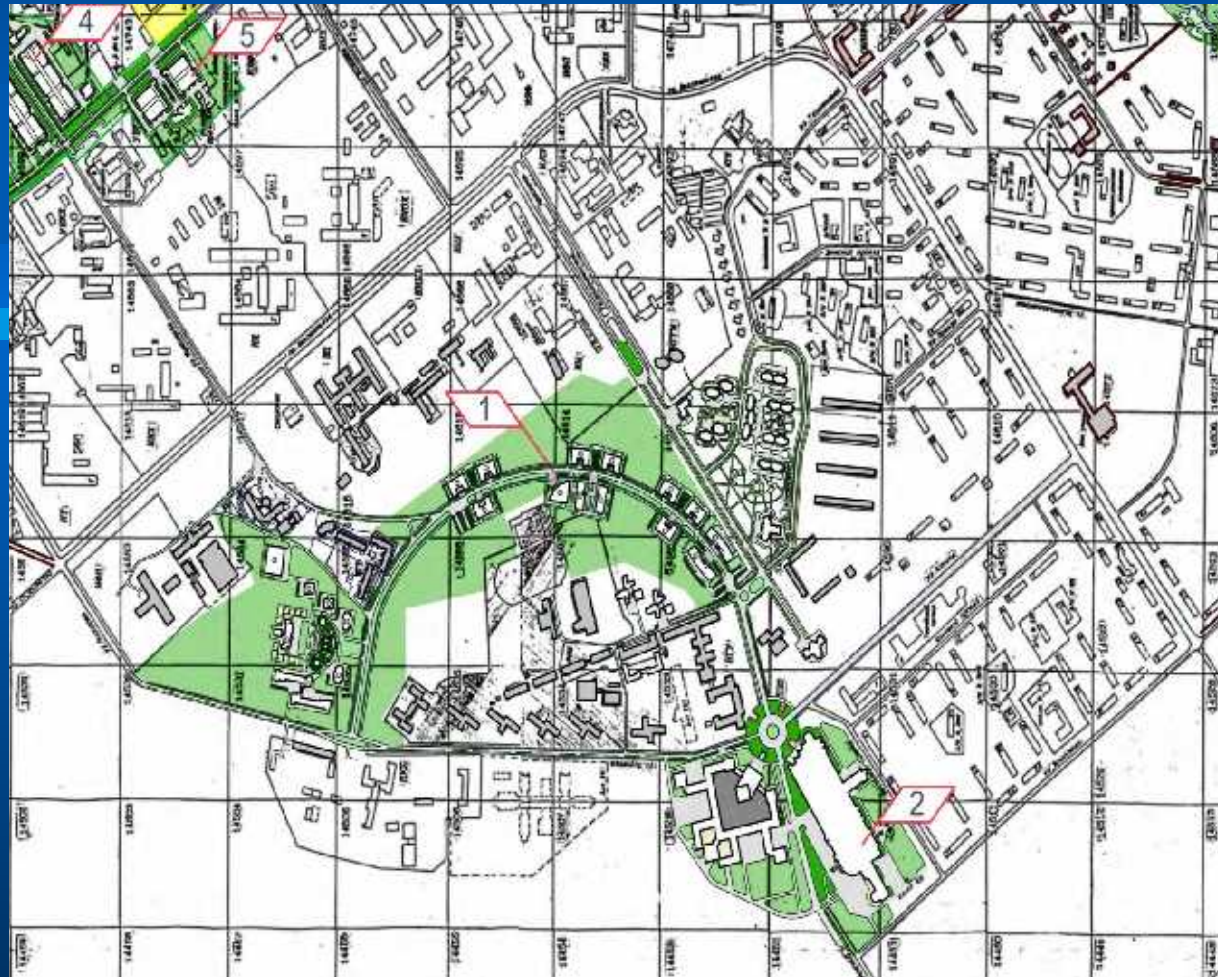
A leading center for professional development in Siberian Federal Region

A university delivering high-quality programs in Business Administration (MBA and President's Program for Managers "Innovation Business Management")

A university developing innovative thinking in talented youth (Y.M.H.I.K Program and Workshop "Innovations: From Idea to Project")



# New Main Building and New Dormitories of the University Location Map



# The New Main Building

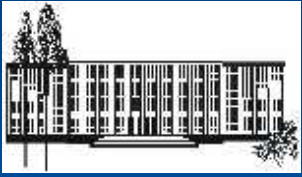


$S = 126 \text{ th. m}^2$

# The New Dormitories

Residence Capacity ~2000  
 $S = 40 \text{ th. m}^2$





# A Room in the Dormitory



# Extracurricular Activities at NSU

Modern Dance Studio

Theatre Studio

Folk Band

Academic Choir of NSU

Violinist Band

«AIESEC»

German Club «Sibirischen Bar»

English Club «Siberian English Club»,





# NSU Keeps Up Its Traditions

**INTERWEEK:** an international annual festival that first took place in 1966. The festival includes concerts, humanitarian actions, processions, meetings, workshops, public dissuasions, performances, etc.



The University is not only a center of scientific but also of sport life in Siberia.

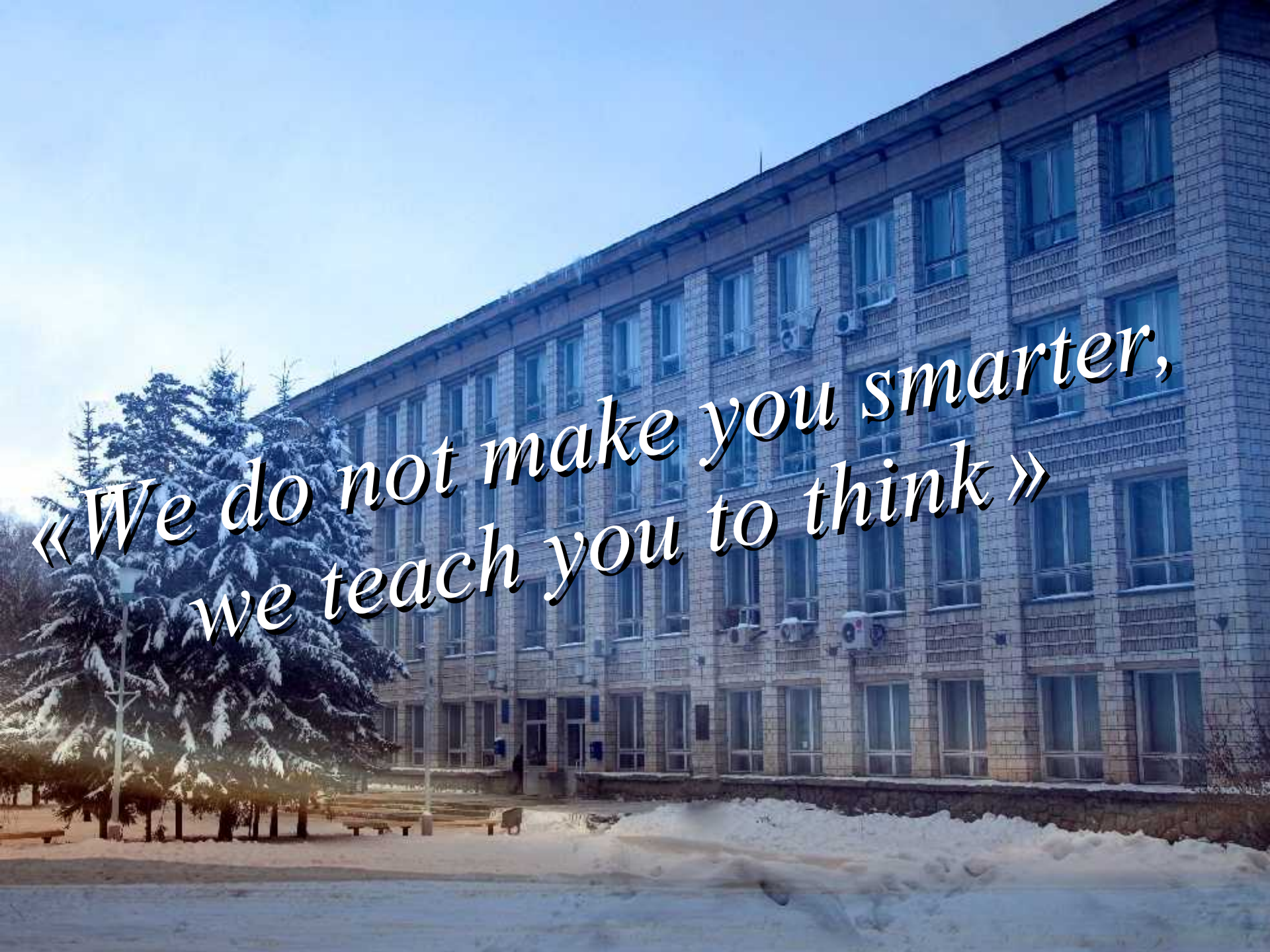
The University's Sport Center offers more than 30 sports programs, involving every third student of NSU.

Football, Basketball, Tennis, Eastern Martial Arts, Aerobics and Athletics are the most popular with the students.





The University's teams take trophies at the city's and regional sport competitions. Annually 2-3 our students have conferred a Degree of Master of Sports, 25-30-Candidates for Master of Sports and hundreds – degrees of rated sportsmen. This number includes Champions of Russia, medalists of European and international contests.



*«We do not make you smarter,  
we teach you to think»*