



*Ulyanovsk State  
Technical  
University*



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## *The city of Ulyanovsk*

Ulyanovsk is a fascinating city with unique geography, culture, economy and a rich history. Ulyanovsk is an administrative center of the Ulyanovsk region. It is located at the middle of European Russia in the Volga Upland on the banks of the Volga and Sviyaga rivers (893 km southeast of Moscow).

Ulyanovsk is an important transport node between European and Asian Russia.

◀ A view of the Lenin Memorial building in Ulyanovsk (the right bank of the Volga river)



*Ulyanovsk is the 20th in Russian population ranking*

City with a humid continental climate (meaning hot summers and cold winters)

*Coordinates:* 54°19'N 48°22'E

*Time zone:* UTC+4 (M)

*Dialing code:* +7 8422

*Total area:* 622,46 km².

*Population:* 637 300 inhabitants (January, 2011)

*Ethnic composition:* russians: 75%, tatars: 12%, chuvash: 8%, mordvins: 3%, others: 2%

*Density:* 1185 people/km²

*Religions:* Orthodoxy, Islam





## History of Ulyanovsk

Ulyanovsk was founded as a fortress in 1648 by the boyar Bogdan Khitrovo and deacon Grigory Kunakov. The town located on the Western bank of the Volga (more than 120 m).

“Sinbirsk” is the original name of the city (named after Bulgarian duke Sinbir, who founded Sinbirsk town on the Volga, lower the present Ulyanovsk).

Since 1780 – the town was a center of the Simbirsk province.  
In 1924 – Simbirsk was renamed to Ulyanovsk.  
In 1928 – the town was a part of the Middle-Volga region.  
Since 1936 – the town was a part of the Kuibyshev region.  
Since 1943 – Ulyanovsk has been the center of the Ulyanovsk region.

◀ A historical view of the central part of Simbirsk  
(previous name of Ulyanovsk)

*Vladimir Ulyanov (Lenin) is a world-famous personality, the leader of 1917 Russian revolution. Lenin was born on April, 22 1870 in Simbirsk and lived there the earliest 17 years of his life.*

Simbirsk was always considered as “a noble among Volga cities”. Monarchs willingly visited the city which was a center of art and social living. Leading figures of Russian culture worked and lived in the city: historian and literary man Nikolay Karamzin, writers Ivan Goncharov and Vasily Rozanov, poets Dmitry Minaev and Nikolay Yazykov.

Destinies of many outstanding persons are connected with the name of Simbirsk-Ulyanovsk: artists A.A. Plastov, D.I. Arkhangelsky, composers A.A. Varlamov, O.S. Stankevich, educators I.N. Ulyanov, I.Ya. Yakovlev, architects F.O. Livchak, A.A. Shode, zoologist S.A. Buturlin, etc. Simbirsk is a birthplace of the most famous revolutionary V.I. Ulyanov (Lenin). In Simbirsk Lenin spent the first 17 years of his life.







## *Ulyanovsk Today*

Ulyanovsk is a unique cultural place with a rich history. In 2012 it was awarded a status of the Cultural Capital of the CIS.

Ulyanovsk has a rich culture heritage: 98 historic landmarks, 22 monuments of art, 78 historical monuments. Some buildings are of a great value both as architectural and historical monuments.

Nowadays Ulyanovsk is located on two banks of the Volga River and divided into 4 districts. The city has two airports: Ulyanovsk-Tsentralny (ULK) and International Airport Ulyanovsk-Vostochny (ULY), 4 railway stations (1 central and 3 extra stations) as well as a big river port with a navigation season of 200 days.

◀ The monument of N.M. Karamzin was established in Simbirsk in 1845 in honor of a Russian historian and writer Nikolay Mikhaylovich Karamzin who was born in Simbirsk province

## *Ulyanovsk industry. Enterprises and factories*

The key industries are machine building and metal working. Other important economic activities of the city are power industry, retail trade and capital construction, banking area, service industries, tourism, food and light industry.

As of January 1st 2012 the city is the place for 443 big and small industrial enterprises and 35 770 SMEs.



Ulyanovsk is a host of PJSC «Ulyanovsky Avtomobilny Zavod» (Ulyanovsk motor-car factory, UAZ manufacturer) and CJSC Aviastar-SP (passenger and cargo aircraft TU-204, heavy transport aircraft AN-124 Ruslan, aircraft maintenance).

▼ The AN-124-100 aircraft «Ruslan» – the largest transport plane with the highest carrying capacity in the world



▼ An off-road vehicle «UAZ Patriot», produced at UAZ plant in Ulyanovsk







## *Ulyanovsk State Technical University*



▲ A view of the main building, cinema and concert hall of the University

- » Was founded in 1957 as Ulyanovsk Polytechnic Institute, has had the status of technical university since 1993;
- » Has more than 12500 students in different fields of study (2011/2012);
- » Includes 8 faculties, 2 Institutions, colleges, academies, schools, vocational education centers;
- » Prepares specialists at 52 departments on 27 courses in 40 specialties;
- » Has 30 specialties of PhD studies, 6 specialties of doctoral studies;
- » Has more than 500 tutors, including 58 professors, Doctors of Science, about 272 assistant professors, candidates of science, more than 50 members and corresponding members of applied-research academies;
- » Has more than 90 buildings at 8 locations with 69,8 ha of total area including 17 building for study and research activity, 5 dormitories, a sanatorium, a sport and health camp, an outdoor sports complex with 3,6 ha of total area.

The founder of the Ulyanovsk State Technical University (UISTU) was the Government of the Russian Federation through the Ministry of Education and Science of the Russian Federation.

The University provides educational programs of higher, second-degree and postgraduate professional education, advanced training, carries out fundamental and applied research and has the function of methodological center.

The basics of the University are eight faculties (Faculty of Humanities, Faculty of Machine-Building Engineering, Faculty of Radiotechnic Engineering, Building Faculty, Faculty of Information Systems and Technology, Economic-Mathematical Faculty, Power Engineering Faculty, Faculty of Extramural and Evening Education) and two institutes (Institute of Aviation Technology and Management, Institute of Distance Education).

Preparation of students is carried out by the teaching staff of 52 departments.

The university has a branch in the Barysh-town in the Ulyanovsk region – Baryshskiy College, created as a result of the reorganization of the Barysh Textile Evening Technical School in 1998. The university has 16 representative offices in the towns of the Ulyanovsk region.

In 2011-2012 academic year the University has 125 foreign citizens from 19 countries around the world on the primary and minor programmes, including undergraduate, and intern students from Great Britain, Germany and the United States.

A View of the building of the University on the Engelsa Street ►



## *Facts & Numbers*

*In 2012 the University  
celebrates the*

**55<sup>th</sup>**  
*anniversary*

*Since 2000 at international  
exhibitions the University has  
received more than*

**60**  
*medals*

**27**  
*Bachelor Degree  
Programs*

**40**  
*Specialities*

**8**  
*Master Degree  
Programs*

**12500**  
*students  
study at the University  
in 2011/2012 academic year*

*The University ranks*  
**1<sup>st</sup>**  
*among Russian universities  
for the number of patents*

**30**  
*Postgraduate  
Programs*

**6**  
*Doctoral Degree  
Programs*

**2000**  
*scientific articles  
annually*

*The biggest scientific and technical  
library in the region with*

**1500000**  
*books*

*Within FP6  
UlSTU participated in*

**2**  
*projects*

**52**  
*Departments*

**3**  
*Ph.D. Dissertation  
Committees*

**4224**  
*patents and certificates  
(01.01.2012)*



## Higher Education

### Bachelor

#### Humanities

- » Linguistics
- » Publishing and editing
- » Advertising and public relations

#### Economics

- » Economics
- » Management
- » Personnel management
- » Commercial business
- » Applied mathematics
- » Quality management

#### Power Engineering

- » Heat and thermodynamics
- » Electricity and electrical engineering

#### Civil Engineering

- » Architecture
- » Construction
- » Environmental security

#### Radiotechnic

- » Radio Engineering
- » Infocommunication technologies and communication systems
- » Design and technology of electronic means

#### Informational technologies

- » Informatics and computer engineering
- » Information systems and technologies
- » Applied Informatics
- » Software engineering
- » Instrumentation Technology

#### Machine-building Engineering

- » Mechanical Engineering
- » Design and technology of construction machinery industry
- » Ground transportation and technological complexes
- » Operation of transport and technological machines and complexes

Note: the information is provided on the areas of training, each area can contain multiple profiles

### Master

- » Management
- » Construction
- » Design technology of machine-building industries
- » Informatics and computer engineering

### Post Graduate

- » Physics-mathematical science
- » Biological Science
- » Technical Science
- » Economic Science

### Doctor

- » Automation systems design (industry)
- » Devices and methods of measurement (electrical measurements)
- » Elements and devices of computer engineering and systems management

### Russian language courses

- » Preliminary year course
- » Part-time Russian courses (individual training or group training)
- » Test of Russian as a Foreign Language

- » Instrumentation Technology
- » Radio Engineering
- » Information and communication technologies and communication systems
- » Design and technology of electronic means

- » Philosophical Science
- » Philological Science
- » Pedagogical Science
- » Sociological Science

- » Machine building technology
- » Mathematical modeling, numerical methods and complexes of programmes
- » Technology and equipment for mechanical and physics-technical processing





## Traditions of the University

Ulyanovsk State Technical University, which was founded in 1957, has rich traditions, the most important of which are corporate solidarity of students and alumni and staff continuity. From the beginning of university study, students take an active part in all university activities and in forming organizational culture. After graduating from the university, many alumni continue cooperating with departments, faculties and their lecturers. They send their children and grandchildren to study at the university, they also come to the university to improve their professional skills.

The symbolic university “tree of history” is replenished with a new leaf during the graduation ceremony annually. This leaf represents a birth of highly skilled specialists.

◀ “The tree of history”  
Ulyanovsk State Technical University

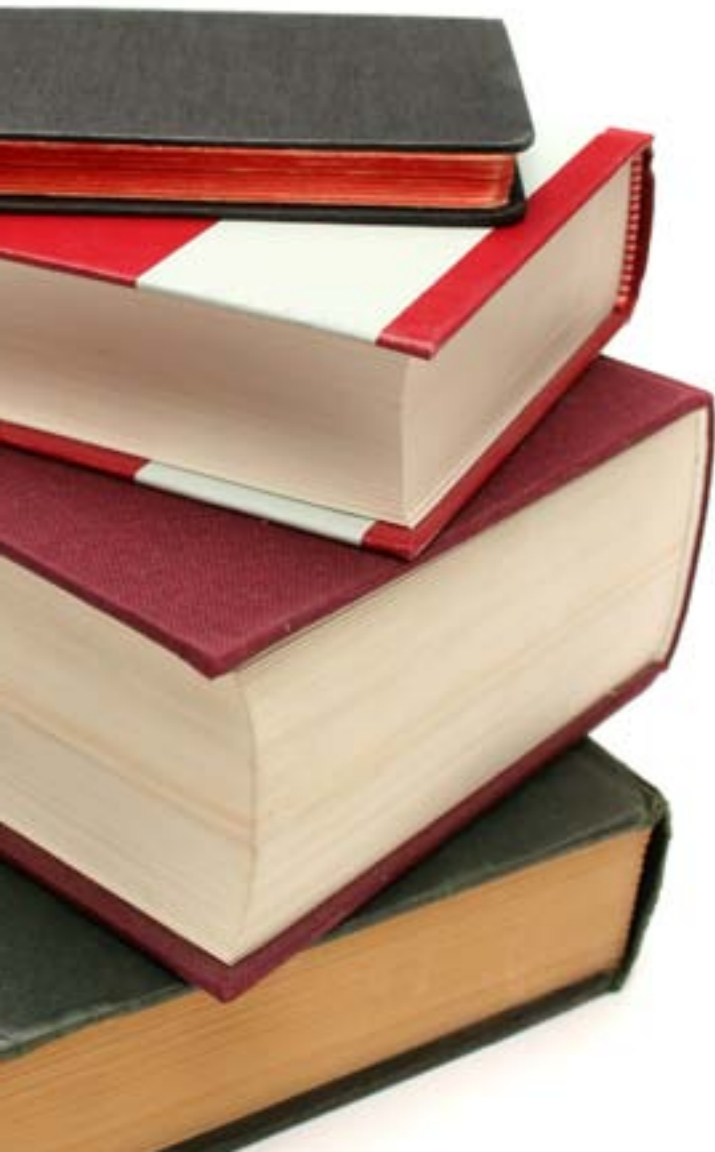
## Campus map

1. Main building
2. Concert hall
3. Main library
4. Lecture halls №4, 5, University museum
5. Lecture halls №1, 2, 3, Entrance to the building №3.
6. Building №3
7. Building №5
8. Building №4
9. Sports complex
10. Building №7
11. Sports hall
12. Outdoor sports complex
13. Route taxi terminal (№ 67, 68, 78)
14. Entertaining complex ‘Zeleny ostrov’
15. Dormitory №6
16. Dormitory №3
17. Dormitory №2
18. Post office №27
19. Dormitory №1
20. Magnit supermarket
21. Tramway (Tram №2ю, 11)

- |  |   |
|--|---|
| <span style="display: inline-block; width: 15px; height: 10px; background-color: blue; border: 1px solid black;"></span> Academic buildings          | <span style="display: inline-block; width: 0; height: 0; border-left: 5px solid transparent; border-right: 5px solid transparent; border-bottom: 8px solid red;"></span> Car entrance |
| <span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black;"></span> University dormitories | <span style="display: inline-block; width: 0; height: 0; border-left: 5px solid transparent; border-right: 5px solid transparent; border-bottom: 8px solid red;"></span> Entrance     |
| <span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black;"></span> Apartment houses          |   |
| <span style="display: inline-block; width: 15px; height: 10px; background-color: gray; border: 1px solid black;"></span> Service buildings           |   |







## *Library*

The UISTU library is one of the largest in the Ulyanovsk region, with more than 1,500,000 books and it is constantly increasing. There are many departments in the library such as the research library, card catalogue, scientific library, general reading room, reading hall of social sciences and humanities, working room for PhD students and teachers, periodical publication reading room, libraries of machine building and architectural faculties, library of electronic resources, classic and foreign literature and the library of the Institute of Aviation Technologies and Management.

The University library meets all the demands of the technical university. It has quality certificates and supports teaching and educational processes. The library has a total area of 4 605 m<sup>2</sup>, more than 500 work places in the reading rooms, more than 50,000 users and 20,000 requests a year. Over 200 exhibitions are organized in the library every year.

## *International Cooperation*

Our university is active in developing and supporting international cooperation in education and science.

At the beginning of 2012 the most effective collaboration is carried out with 12 universities of Germany, the UK, the Czech Republic, Poland, Lithuania, Belarus, Kazakhstan and Ukraine.

▼ Vice-rector for Research Prof. Dr. Nadezda G. Yarushkina (UISTU) and the founder of fuzzy logic, Prof. Dr. Lotfi A. Zadeh (University of California, Berkeley)



UISTU values its cooperation with each partner and welcomes the aspiration for development. The most long-lasting cooperation is formed with the Darmstadt University of Applied Sciences (Germany), continued since 1997.

Basic development priorities of international cooperation are broadening of cultural, academic and language exchanges, joint scientific projects and educational programmes.

▼ Participants and administrators of the International Summer School at UISTU, August 2011





## *Social and Cultural Activity*

UISTU recognizes that we live in an increasingly interconnected, globalized world, and that students benefit from learning in educational and social contexts, in which there are participants from multicultural backgrounds. The goal is to encourage students to consider diverse experiences and perspectives throughout their lives.

The University supports all kinds of students' art and culture activity. There are many culture events and meetings such as the traditional festival of students'

talents Students' Spring, new students' talent show, exhibitions and beauty contests, etc.

Students can demonstrate their creativity on the stage of the concert hall "Tarelka" (seating capacity – 800 people). The Center for Students' Culture and Leisure is the organizer of amateur art activities, cultural events and numerous study groups involving more than 200 students.

▼ Students' theatrical performance



▼ Students' dance performance



## *Health and Sports*

Traditionally the University pays much attention to sporting activities. There is a well-organized sport complex including many sporting facilities and a modern stadium in UISTU. They allow students and university staff to participate in sports and stay fit. UISTU is proud of its sportsmen and their achievements in volleyball, basketball, football, swimming and many other kinds of sports.

University has its own recreation center including sanatorium-preventorium in the campus and sports camp in the picturesque bay area of the Volga River. The center helps students and university staff to support their health and to relax with friends and family.





## *University Awards*

Ulstu is an active participant of the international and national exhibitions. Since 2000 staff, students and post-graduate students have participated in 19 international exhibitions of innovations and inventions in Geneva, Brussels, Nuremberg, Paris, Seoul and Moscow, where the UISTU projects have won more than 60 medals and 21 degrees.

On the 6th International Fair of inventions SIIF-2010 in Seoul (Republic of Korea), four scientific projects of the Ulyanovsk State Technical University in the fields of information technology, power engineering, electric power and resource saving were awarded two gold and two bronze medals.

On the X Moscow International Salon of innovations and investments (2010) five UISTU projects in information technology, engineering, conservation and distance education were awarded five gold medals.

## *Research Centres & Laboratories*

Ulyanovsk State Technical University is one of the leaders among the organizations of the Russian Federation in the number of registered objects of intellectual property. As of January 1, 2012, it has received 4224 patents and certificates to objects of intellectual property.

Innovation and research on the generation of scientific and technical production and intellectual activity focuses in the departments, as well as in 16 research centres and laboratories.

Priority research areas of the University are information and communication technologies (ICT) and resource-saving technologies.

The University is supporting the Federal Institute for Patent Ownership in the Ulyanovsk region, in the National Association for Innovation and Development of Information Technologies.

The regional office of the SAP “Investment venture fund of the Republic of Tatarstan” is represented on the basis of the University. UISTU is a member of the Russian business innovation network (RuBIN), the Russian technology transfer network (RTTN), as well as a member of the network of the Republican Center for technologies transfer (RCTT).

The University is the center of the “Gate to Russian Business Innovation Networks” (Gate2RuBIN) – a large-scale long-term participation of Russian organizations business innovation infrastructure in the European business support networks (Enterprise European Network-EEN).

Coordination of research activities is carried out by the Department of Scientific Research. Support of cooperation in science and education is implemented by the Directorate for International and Innovational Activity.





*UISTU*  
*in progress...*

## 2009

- » 6 Research and Education Centers (REC) were established jointly with regional enterprises by research and academic departments of the university;
- » REC “Integrated assembly of aircrafts” which was established jointly with OAO “Ulyanovsk instrument manufacturing design bureau” was awarded state-financing backing of 15 million rubles for implementing the project “Integrated methods, models and assembles of receiving, processing, holding, transferring and presenting information for aircraft purposes”;
- » Financing amount of research activities carried out in the university exceeded twice the level fixed for university accreditation by Ministry of Education and Science of the Russian Federation.

## 2010

- » Implementation of the university innovative infrastructure development programme was supported until 2012 with 60 million rubles following the results of competitive selection of Ministry of Education and Science of the Russian Federation;
- » REC “Safe handling of radioactive waste” established jointly with the State Scientific Centre of Research Institute of Atomic Reactors was awarded state-financing backing of 8,6 million rubles for implementing the project “Research and development of new radiation gamma-ray units on the ground of europium and disinfection innovative technologies on their basis”;
- » The team of the university won a grand prize on the regional festival of creativity “Students’ autumn”.

## 2011

- » The University created project “Development and organizing high-technology production of integrated piloting and navigation system for an aircraft control and navigational equipment of a cockpit” was supported until 2013 with 150 million rubles following the results of competitive selection of Ministry of Education and Science of the Russian Federation;
- » International summer school for foreign students was organized. It contains two training courses supported by DAAD;
- » 5 small innovative companies had been established since 2010. One of the company founders is Ulyanovsk State Technical University.

### *Plans for Future*

- » Become a leader university in the technological progress of the Ulyanovsk region;
- » Celebrate the 55th university anniversary in 2012;
- » Expand degree courses of master program;
- » Bring into service the new academic building of the Faculty of Economics (9 296 m<sup>2</sup>);
- » Establish 35 small innovative companies for scientific potential implementation by 2017. One of the company founders will be Ulyanovsk State Technical University.

## *Contact Information*

### *University*

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