



Don State
Technical University

DON STATE TECHNICAL UNIVERSITY

www.donstu.ru

ROSTOV-ON-DON

SOUTHERN BUSINESS AND INDUSTRIAL CAPITAL

РОСТОВ
НА ДОНУ



Official Tourist
Website of Rostov-
on-Don

tourism.rostov-gorod.ru

1 352 000

population

348 км²

area

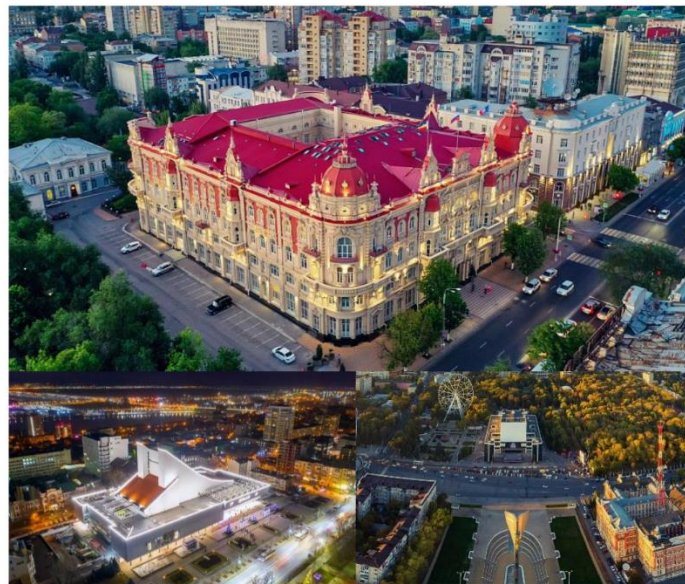
90 000+

enterprises and companies

TOP-10 AWARDEE

“investment attractive city”

www.rostov-gorod.ru



DON STATE TECHNICAL UNIVERSITY



Передовые
инженерные
школы

приоритет2030[^]
лидерами становятся



45 000+
students

500+
study
programs



5
branches

3 000+
international
students

24
faculties

79
buildings



Don Institute SJU-DSTU
(China, Shandong Province)

5 colleges

Secondary school

Don cadet school

Kindergarten



DSTU IN UNIVERSITY RANKINGS



Times Higher Education
World University
Ranking

1001-1200



The Three
University Missions

1501-1750



World University
Rankings

1201-1400



Ranking of Green
Universities in Russia

20



100 best
universities in Russia

75



QS: Emerging Europe
and Central Asia

301-350

DSTU CAMPUS



«Nauka» Industrial facility



New dormitories



Scientific-educational facilities

NEW CAMPUS



DSTU STRUCTURE

5 fields of study

- ARTS & HUMANITIES
- LIFE SCIENCES & BIO MEDICINE
- NATURAL SCIENCES
- SOCIAL SCIENCES
- ENGINEERING & IT



24 faculties

- Aircraft Engineering
- Agribusiness
- Mechanical Engineering
- International
- Automation, Mechatronics and Control
- Power Engineering, Oil and Gas Industry
- Institute of Emerging Technologies "X School"
- Mechanical Engineering
- Media Communications and Multimedia Technologies
- Psychology, Pedagogy and Defectology
- Construction and Engineering
- Life Safety and Environmental Engineering
- Civil and Industrial Engineering
- Applied Linguistics
- Physical Training and Sports
- Architecture, Design and Art School
- IT-systems and Technologies
- Road Transport Engineering
- Shipbuilding and Marine Engineering
- Bioengineering and Veterinary Medicine
- Innovative Business and Management
- Service and Tourism
- Law
- Social and Human Sciences

INDUSTRY-UNIVERSITY DEPARTMENTS

21

industry-university
departments



Transport systems
and logistics



Aircraft systems for special
operations manufacturing
technology

РОСТСЕЛЬМАШ

Agricultural machinery
engineering
and production



Agribusiness products
processing
technologies and equipment



Orthodox culture and
theology



Veterinary dentistry and
oral surgery



Steel and its alloys
production technologies



Drive systems

13

degree-granting
departments



Non-ferrous
metal processing



Design and engineering
support of drive systems
production



Automated
control systems



Technical means of fish
farming



Transport
machinery



Ichthyology and
fish pathology



Hardware and
software systems



Engineering management
in construction



Industrial
metrology



Multimedia communications
and technologies



Social pedagogy



Power plant engineering



Aircraft engineering

BOARD OF TRUSTEES



IVAN SAVVIDI

The president of the board of trustees, Chairman of the Board of Directors of the «Agrocom Group» - the leading agricultural company in Russia

21

Prominent members of administrative and business communities



DIRECTION OF SCIENTIFIC RESEARCH

приоритет2030⁺
лидерами становятся



Renewable energy



Industry



Construction



Digital agriculture



Bioengineering



New technologies for medicine

LABORATORIES AND TRAINING CENTRES

BIZON TRADE: MODERN AGRICULTURE



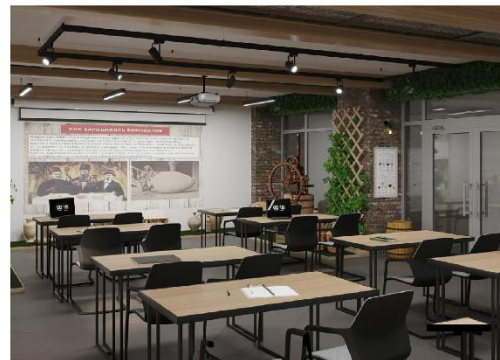
INNOVATION CENTRE WITH AMAZONE WERKE



«NAUKA» INDUSTRIAL FACILITY

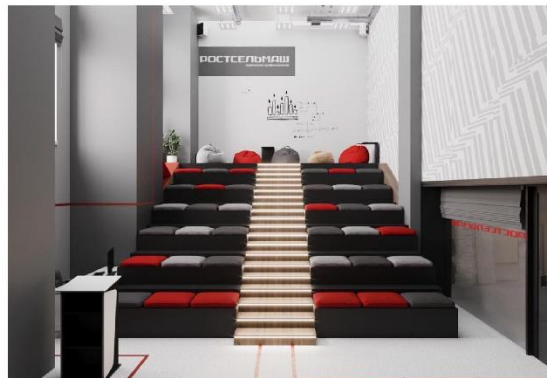


WINERY AND WINE-MAKING LABORATORY 'BIZON' AGRO-TECHNOLOGY HOLDING



MACHINERY BUILDING LABORATORY ROSTSELMASH

РОСТСЕЛЬМАШ



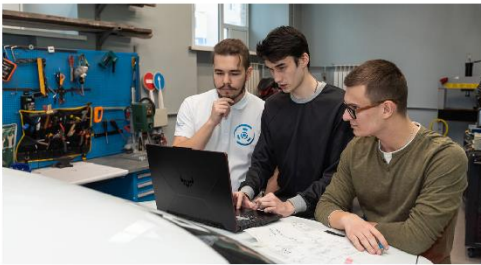
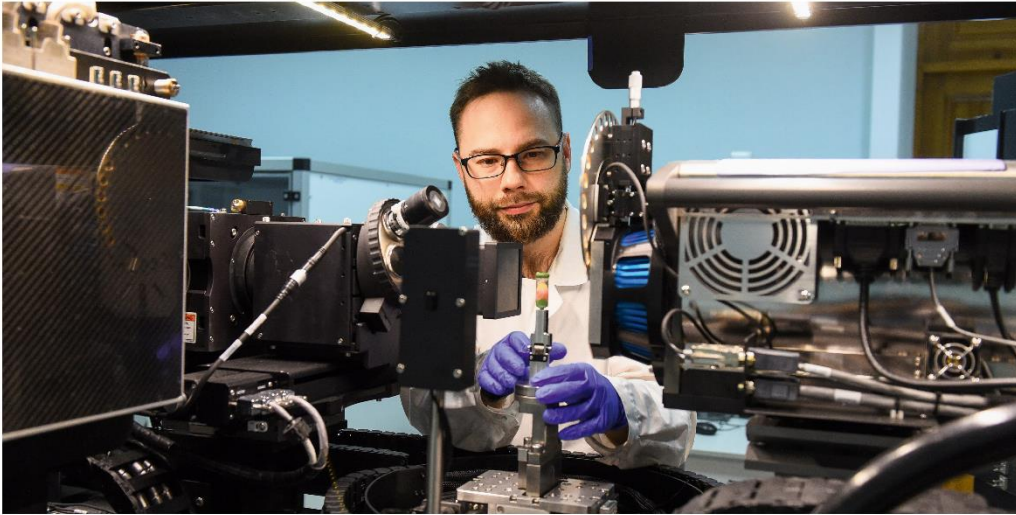
AGRO CHEMISTRY AND AGRO SOIL SCIENCE LABORATORY 'STEPPE' AGRICULTURAL HOLDING



LABORATORIES FOR YOUNG SCIENTISTS

3 LABORATORIES

to support young aspiring scientists working on industrial partner companies cases



DSTU INSTITUTE OF ADVANCED MECHANICAL ENGINEERING “ROSTSELMASH”

приоритет2030⁺
лидерами становятся

Institute Of Advanced Mechanical Engineering
“Rostselmash”- in the field of agricultural machinery building

2022 - The Ministry of Science and Higher Education federal grant

DSTU and “Rostselmash” — the main producer of agricultural machinery in the South of Russia

4 key scientific research projects



Передовые
инженерные
школы



РОСТСЕЛЬМАШ



SOUTHERN SCIENTIFIC AND EDUCATIONAL CENTRE

MISSION

- to develop the new global sustainable food system based on ESG principles

STRATEGIC GOALS

- unified and balanced economical, social, and spatial development taking into account the interests of both modern and future generation of the South of Russia

MAIN FIELDS

AgroTech

FoodDesign

AquaTrack

ELECTRIC TRANSPORT AND TECHNOLOGICAL MACHINES IN THE AGRO-INDUSTRIAL COMPLEX AND ROAD CONSTRUCTION COMPLEX

UNMANNED AGRICULTURAL MACHINES OF THE 4TH LEVEL OF AUTONOMY

YOUTH LABORATORY «INTELLIGENT ELECTRICAL AGRICULTURAL MACHINES AND COMPLEXES»



PROGRAM COORDINATOR

PARTICIPANTS

3 regions



12 universities



8 scientific centres

20 Real economy companies



6 Development institutes

UNITED HEALTH PROJECT

KEY ELEMENTS:

- Antibiotics resistance as the critical threat to the planet
- Global challenges: Bioethics problems solution, enhancing quality of life of live species
- HTP neuronet global challenges: cognitive neurotechnologies, oncogenesis, digital IT diagnostics, BCI, AI
- Residency program for practicing vets



AGROMATICS PROJECT

приоритет2030⁺
лидерами становятся

KEY ELEMENTS:

- Intellectual platforms for agricultural and multi-use machinery
- Development of cutting-edge agricultural machinery, equipment and technologies for precision planting, adaptive harvesting and processing of crops
- Agromatics digital platform
- Smart feed



DSTU DISSERTATION BOARDS

11

Dissertation boards

11

Leading scientists,
heads of the
scientific schools

1	Machinery building technologies
2	Construction
3	Construction mechanics
4	Animal pathology, morphology, physiology, pharmacology and toxicology
5	Labour safety Machinery, units and technology processes
6	Technology and equipment for agriculture
7	Social and political philosophy Philosophy of religion and religious studies
8	Pedagogy Psychology
9	Regional and branch economics Management
10	Material studies Welding
11	Construction materials and products

SCIENTIFIC JOURNALS AND PUBLICATIONS

ARTICLES INDEXED IN 2022

582 Scopus

ARTICLES INDEXED IN 2023

138 Scopus

101 Web of Science

DSTU SCIENTIFIC JOURNALS

13 Journals

2 to be established
in 2023



- Veterinary Pathology
- Legal Order and Legal Values
- Modern Trends in Construction, Urban Development and Territory Planning
- Advanced Engineering Research
- Safety of Technogenic and Natural Systems
- Scientific Almanac of the Black Sea Countries
- Innovative Science: Psychology, Pedagogy and Defectology
- The Don Region Young Researcher
- Computational Mathematics and Information Technologies
- Economics and Ecology of Territorial Units

FORMS OF COOPERATION IMPLEMENTATION

**Institutional
partnership**

**Joint study
programs**

**English-taught
programs**

**Innovative research
projects**

**Academic
mobility**

**Distance
learning**

INSTITUTIONAL PARTNERSHIP

OPENING OF REPRESENTATIVE OFFICES IN UZBEKISTAN

2 representative offices of DSTU



Silk Road International University of Tourism and Cultural Heritage



Bukhara State University

COOPERATION WITH EMBASSIES

Forms of cooperation

- EDUCATION
- REGIONAL COOPERATION
- TECHNOLOGY TRANSFER
- NETWORK PARTNERSHIP

DON INSTITUTE SJU-DSTU



18.06.2019



100 students
per program



JOINT EDUCATIONAL PROGRAMS

Construction of Bridges and Tunnels

Organization of Transportations and Transport Management

Computer Science and Technology

JOINT STUDY PROGRAMS

BACHELOR'S DEGREE

2 years in partner university + 2 years in DSTU



DUAL DIPLOMA

MASTER'S DEGREE

1 year in partner university + 1 year in DSTU



DUAL DIPLOMA

32

joint study
programmes

THE MAJOR AREAS:

- Construction
- Veterinary Medicine
- Tool Engineering
- Technosphere Safety
- Cybersecurity of systems
- Software Engineering
- International Economics
- Applied Informatics
- Robotics and Mechatronics
- Psychophysiology and Clinical psychology

STUDY PROGRAMS IN FOREIGN LANGUAGES

11 study programs
in English:

BACHELOR`S DEGREE

- Digital Technologies in Agribusiness
- Computer Science and Engineering
- Web-based Information and Analytical

EXTENDED BACHELOR`S DEGREE (5 YEARS)

- Pharmacy

MASTER`S DEGREE

- Aircraft Maintenance
- Big Data and Intelligent Systems
- Civil Engineering
- Intelligent Transport Systems
- Sanitary Inspection, Clinical and Laboratory Diagnostics in Veterinary Medicine
- International Business
- Multimedia Projects Producing

68 modules/subjects
in English

- Construction
- Veterinary Medicine
- Tool Engineering
- Technosphere Safety
- Software Engineering
- International Economics
- Applied Informatics
- Robotics and Mechatronics
- Psychology and Education Science
- Architecture
- Transport Logistics
- Aircraft Engineering
- Media Communications

INTERNSHIPS/SHORT-TERM PROGRAMS

TYPES

- Traineeship + project (3-6 ECTS)
- Programmes 1-4 months (5-30 ECTS)

Architecture, Design and Art School

- Architecture expeditions
- Objects of culture research
- Objects of cultural heritage restoration

Facilities complex «Nauka»

- Agricultural Biotechnologies
- Bio- and Medical Engineering
- Energetics
- Aircraft Engineering
- Agricultural Engineering
- Media Communications
- Materials Science

Institute of Emerging Technologies «X School»

- Soft skills laboratory
- Steam-technologies
- International tutors

Animation technology park «Magica»

- Animation, 2D and 3D visualization
- Mobile apps development
- Game design
- Sound design
- VR/AR
- Motion capture equipment

Mediapark «South Region – DSTU»

- Medialab (Radio and TV broadcasting)
- Production center
- Design studio

DISTANCE LEARNING

V-DSTU PROJECT 2022

Virtual mobility package



MEDIA CAMP DSTU

International school for digital media competences development



DONLAND EXPLORER

Cultural Education Projects,
Local history and culture studies

MODULES AND SUBJECTS OF JOINT STUDY PROGRAMMES

PROGRAM STRUCTURE

Russian as a foreign language + profiles

- Engineering and technical
- Natural sciences
- Economic
- Humanitarian
- Medico-biological

Certificate in standard format

Additional study programs

- Russian as a foreign language (in accordance with TORFL levels)
- The Russian language for business
- The Russian language for engineers
- Teaching Russian as a foreign language (from Elementary to Advanced levels)

Head testing center

- Preparation for a test to obtain an international certificate confirming the level of the Russian language proficiency

SOCIAL AND CULTURAL PROJECTS

- DAYS OF NATIONAL CULTURES
- SPANISH THEATER
- SPANISH FOOTBALL
- VARDZIA
- REAL MADRID FOOTBALL ACADEMY

INTERNATIONAL STUDENTS MEDIA EXPEDITIONS

- «**ROUTES OF THE QUIET DON**»
Together with Chinese students
- **ANNUAL MEDIA PROJECT**
«**COMMON VICTORY**»
Shot with the participation of students
from the CIS With subtitles in Chinese
DSTU film «Battles of local significance»



AGRIBUSINESS FACULTY

Bachelor's programs

- Agriculture, Forestry and Fishery
- Equipment and Technologies of Land Transport
- Mechanical Engineering. Technological Machines and Equipment
- Industrial Ecology and Biotechnologies

Long first degree programs (Specialist course)

- Land Transportation and Technological Systems

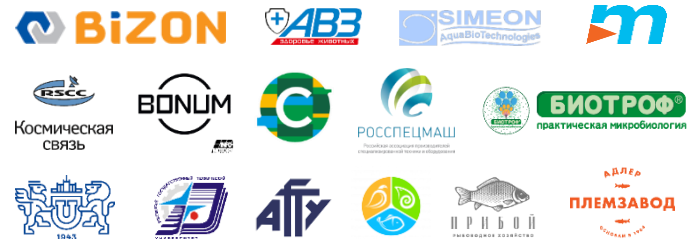
Master's programs

- Agro Engineering
- Biotechnology
- Food Products from Vegetable Raw Materials
- Industrial Fishery
- Land Transport and Technological Complexes
- Water Resources and Aquaculture

PhD

- Navigation Devices
- Fishery, Aquaculture and Industrial Fishery
- Technologies, Machines and Equipment for Agriculture

PARTNERS



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Tel. +7 (863) 273-85-56
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AIRCRAFT ENGINEERING FACULTY

Bachelor's programs

- Aircraft Construction
- Refrigeration, Cryogenics and Life Support Systems
- Ground Transport and Technological Complexes
- Technical Maintenance of Aircrafts and Aircraft Engines
- Airport Management and Aircraft Flight Maintenance

Master's programs

- Refrigeration, Cryogenic Engineering and Life Support System
- Technical Maintenance of Aircraft and Aircraft Engines
- Design and Technological Support for Machine-Building Industries
- Mechanical Engineering

PhD

- Navigation Devices
- Aircraft Design, Construction and Production

PARTNERS



Contacts

Tel. +7 (863) 258-91-23

E-mail: spu-36@donstu.ru



ARCHITECTURE, DESIGN AND ART FACULTY

Bachelor's programs

- Architecture
- Reconstruction and Restoration of Architectural Heritage
- Urban Planning
- Construction
- Design

Long first degree programs (Specialist course)

- Monumental and Decorative Art

Master's programs

- Architecture
- Reconstruction and Restoration of Architectural Heritage
- Architectural Environment Design
- Urban Planning
- Construction
- Design

PhD

- Theory and History of Architecture, Restoration and Reconstruction of Historical and Architectural Heritage
- Architecture of Buildings and Structures. Creative Concepts of Architectural Activity
- Urban Development and Rural Planning

PARTNERS



РОСТРОЙЭКСПЕРТ



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Tel. +7 (863) 201-94-72

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AUTOMATION, MECHATRONICS AND CONTROL FACULTY

Bachelor's programs

- Applied Mathematics and Physics
- Computer Science and Engineering
- Electronics and Nanoelectronics
- Photonics, Tool Engineering, Optical and Biotechnical Systems and Technologies
- Power Engineering and Electrical Engineering
- Automation of Technological Processes and Productions
- Mechatronics and Robotics
- High-tech Plasma and Energy Systems
- Technical Systems Management
- Innovation

Master's programs

- Computer Science and Engineering
- Technological Machines and Equipment
- Automation of Technological Processes and Productions
- Design and Technological Support for Machine-Building Industries
- Mechatronics and Robotics
- Control in Engineering Systems
- Power Engineering

PARTNERS



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Tel. +7 (863) 273-86-38

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CIVIL AND INDUSTRIAL ENGINEERING FACULTY

Bachelor's programs

- Construction

Long first degree programs (Specialist course)

- Construction of High-Rise and Large-Span Buildings and Structures

Master's programs

- Construction

PhD

- Building Design, Buildings and Constructions

PARTNERS



СЕВКАВНИПИАГРОПРОМ
ПРОЕКТИРОВАНИЕ И СТРОИТЕЛЬСТВО



СТРОЙ
ИНДУСТРИЯ
СТРОИТЕЛЬНЫЕ МАШИНЫ



Contacts

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BIOENGINEERING AND VETERINARY MEDICINE FACULTY

Bachelor's programs

- Nanoengineering
- Zootechnics

Long first degree programs (Specialist course)

- Veterinary Medicine
- Pharmacy
- Bioengineering and Bioinformatics

Master's programs

- Nanomaterials
- Veterinary and Sanitary Expertise
- Biology

PhD

- Bioorganic Chemistry
- Molecular Biology
- Biomechanics and Bioengineering
- Biophysics
- Mathematical Biology and Bioinformatics
- Veterinary Pathology, Morphology, Physiology, Pharmacology and Toxicology
- Veterinary-Sanitary Expertise, Ecology and Hygiene
- Infectious Diseases and Immunology of Animals
- Private Zootechnics Feeding, Feed Preparation and Livestock Production Technologies
- Breeding, Selection, Genetics and Biotechnology of Animals

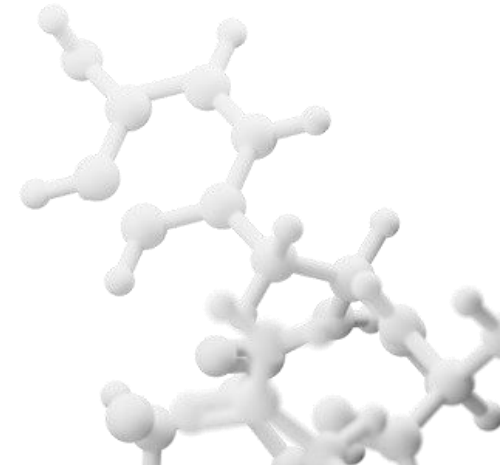
PARTNERS



Contacts

Tel. +7 (863) 238-13-09

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IT-SYSTEM AND TECHNOLOGIES FACULTY

Bachelor's programs

- Mathematical Support and Administration of Information Systems
- Computer Science and Engineering
- Information Systems and Technologies
- Applied Computer Science
- Software Engineering
- Information Security
- Applied Mathematics

Long first degree programs (Specialist course)

- Information Security of Telecommunications Systems
- Computer Security

Master's programs

- Mathematical Support and Administration of Information Systems
- Information Security
- Computer Science and Engineering
- Information Systems and Technologies
- Applied Computer Science
- Software Engineering
- Applied Mathematics

PhD

- Mathematical Modeling, Numerical Methods and Software Systems
- System Analysis, Management and Information Processing
- Information Technology and Computer Science

PARTNERS



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MEDIA COMMUNICATIONS AND MULTIMEDIA TECHNOLOGIES FACULTY

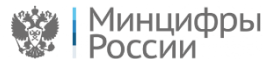
Bachelor's programs

- Advertising and Public Relations
- Media Communications
- Applied Computer Science
- Social and Cultural Activity
- Folk Art Culture
- Popular Music Art

Master's programs

- Applied Computer Science
- Media Communication
- Advertising and Public Relations
- Social and Cultural Activity
- Vocal Arts
- Design

PARTNERS



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POWER ENGINEERING, OIL AND GAS INDUSTRY FACULTY

Bachelor's programs

- Applied Mathematics and Physics
- Power Engineering and Electrical Engineering
- Technological Machines and Equipment
- Automation of Technological Processes and Productions
- Chemical Technology

Master's programs

- Power Engineering and Electrical Engineering
- Technological Machines and Equipment
- Automation of Technological Processes and Productions
- Chemical Technology

PhD

- Electrical and Thermal Engineering

PARTNERS



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ROAD TRANSPORT ENGINEERING FACULTY

Bachelor's programs

- Construction
- Land Surveying and Cadastre
- Geodesy and Remote Sensing
- Transport Process Engineering

Long first degree programs (Specialist course)

- Construction, Maintenance, Reconstruction and Technical Cover of Roads, Bridges and Tunnels
- Applied geodesy

Master's programs

- Construction
- Geodesy and Remote Sensing
- Transport Process Technology
- Land Management and Cadastre

PhD

- Design and Construction of Roads, Subways, Airfields, Bridges and Transport Tunnels
- Intelligent Transport Systems
- Operation of Road Transport
- Logistics Transport Systems
- Land transport equipment and technologies

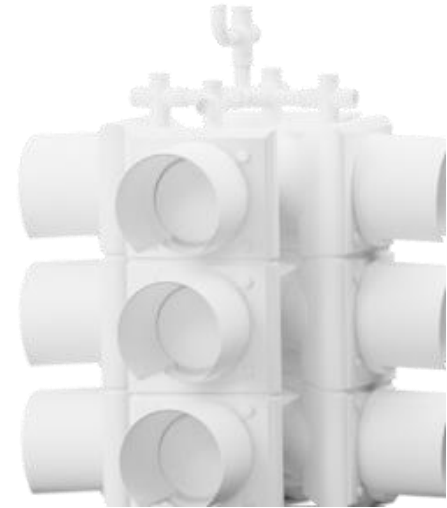
PARTNERS



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SHIPBUILDING AND MARINE ENGINEERING FACULTY

Bachelor's programs

- Shipbuilding, Ocean Engineering and Marine Infrastructure Systems Engineering
- Standardization and Metrology
- Quality Management
- Management
- Transport Process Engineering

Master's programs

- Shipbuilding, Ocean Engineering and Marine Infrastructure Systems Engineering
- Standardization and Metrology
- Quality Management

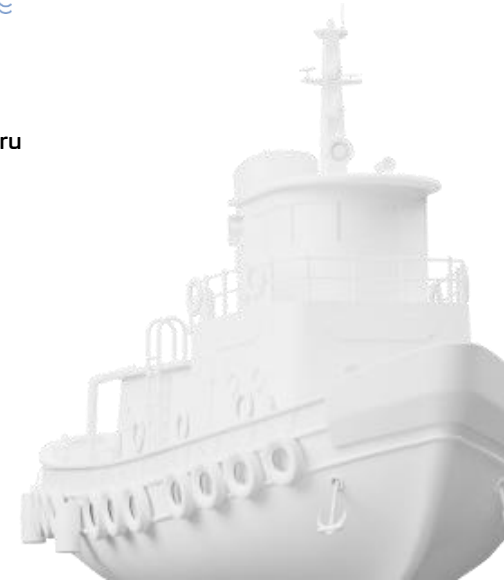
PARTNERS



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SERVICE AND TOURISM FACULTY

Bachelor's programs

- Economics
- Hospitality
- Social Work
- Hotel Management
- Tourism

Master's programs

- Economics
- Hotel Management
- Social Work

PhD

- Economics
- Sociology of Culture
- Sociology of Management
- Social Sciences

PARTNERS



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Don State
Technical University

THANK YOU FOR ATTENTION

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