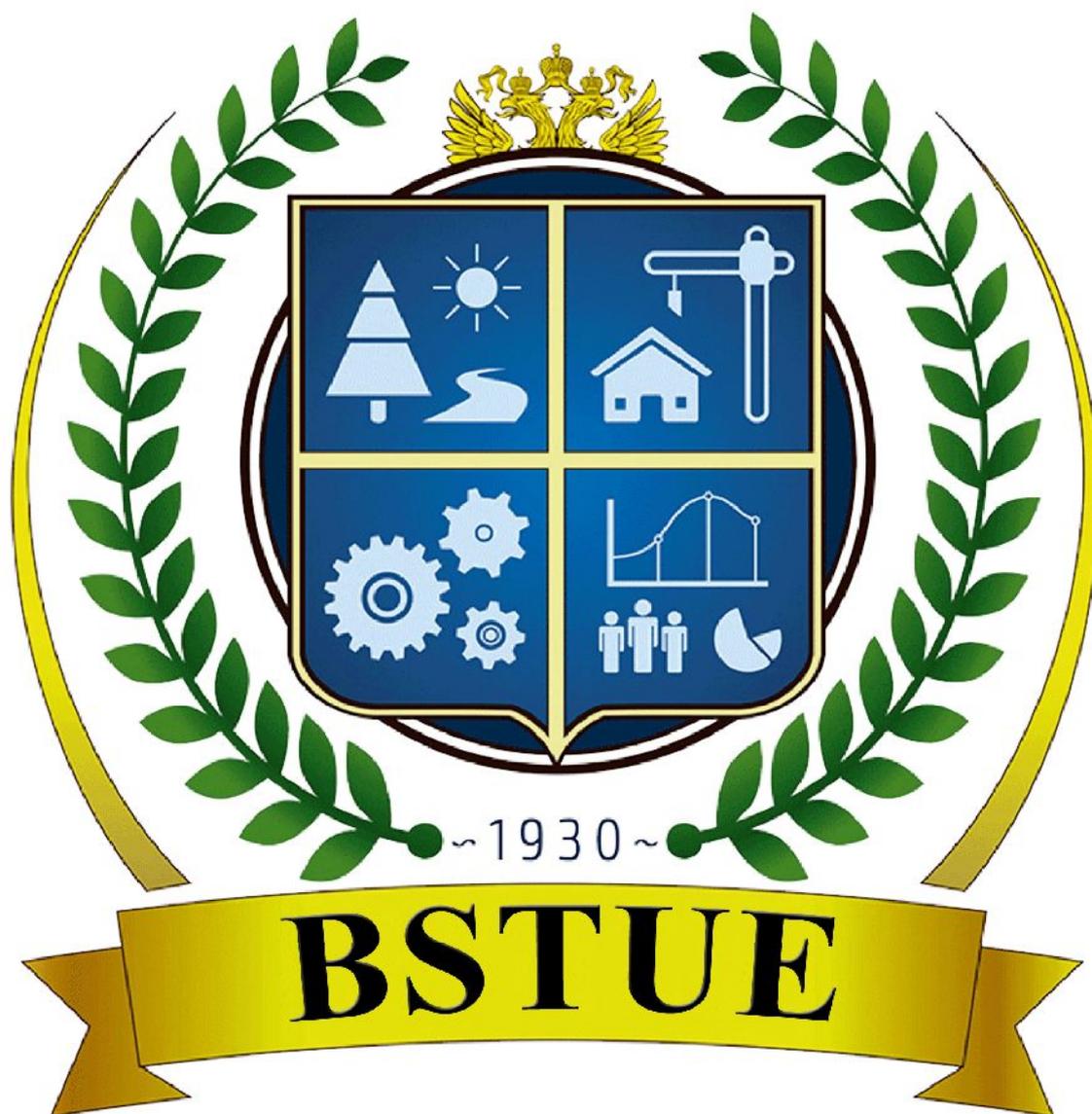


**FEDERAL STATE-BUDGET EDUCATIONAL INSTITUTIONAL
OF HIGHER EDUCATION**

**BRYANSK STATE TECHNOLOGICAL UNIVERSITY
OF ENGINEERING**



ENTRANT'S DIRECTORY

Bryansk 2016

ABOUT THE UNIVERSITY

Bryansk State Technological University of Engineering is one of the oldest higher educational institutions in our town. It was established in 1930 as the Forest Technical Institute. In the pre-war years it was renamed into the Bryansk Forestry Institute. In 1960 it was reorganized into the Bryansk Technological Institute. In 1995 it was granted the Academy status and was renamed into the Bryansk State Engineering Technological Academy. In 2015 the Academy was awarded the University status and was renamed into the Bryansk State Technological University of Engineering.

The University has the License to conduct educational activity series AAA №001784 issued by the RF Federal Service for Supervision in Education and Science, registration № 1713 from August 15, 2011 (licence validity period is unlimited) and the Certificate of State Accreditation 90A01 № 0000592 from April 24, 2013.

Today the Bryansk State Technological University of Engineering performs as the principal Institution of Higher Education where engineers, economists and managers in the fields of forestry, landscape architecture, industrial and civil engineering, municipal construction and public utilities, production of building materials, products and structures, building design, expertise and real estate management, roads and airfields, computer science and engineering, information systems and technologies, maintenance of vehicles and machinery, woodworking technology, furniture and interior design, nature protective arrangement of territories, life safety in technosphere, economy of enterprises and organizations, finance and credit, state and municipal management, management, accounting, analysis and audit, economic security are trained.

The University comprises 3 institutes, 1 faculty, 24 departments, post-graduate courses, training and experimental forestry station, arboretum with the unique collection of trees and shrubs and the scientific library.

The educational process at the University is provided by 290 highly qualified lecturers, including 38 Professors, Doctors of Sciences, and 165 Associate Professors, candidates of science (Russian equivalent for PhD).

The system for training highly skilled scientific personnel is being expanded. The University has successfully operated dissertation councils for the protection of doctoral and master's theses in many scientific fields and specializations.

Modern education cannot be imagined without scientific research, especially for the students during the senior years of their bachelor and specialist studies and doing their masters. The University's scientific potential creates a unique opportunity for interdisciplinary research and pioneering work in various branches of science. Research and education are two processes that do not just go in parallel, but interconnect very closely. Implementation of the Russian Federal Innovation educational program has resulted into the foundation of new innovative scientific centers, equipped with modern high-tech materials and equipment. This allows the students to carry out scientific and research activities.

Life at the Bryansk State Technological University of Engineering is not only achieving university goals, but also enjoying various types of students' activities. To keep the studies and active social life in balance, the University provides many opportunities for sports and leisure: students have easy access to participation in a wide range of sport activities, they have the opportunity to develop their artistic, creative and intellectual abilities in the student club "Tonus", student theatre of variety miniatures, club of the cheerful and sharp-witted, vocal ensembles and dance groups. Student club and other organizations are a fun, intellectual and vital part of the Bryansk State Technological University of Engineering experience. They are chartered to serve the diverse needs and interests of our students. The university is a place for exciting knowledge and exciting life! In summer vacations students have the opportunity to improve their health on the Black Sea coast.

Students' Trade Union Committee is the official student representative body of the Bryansk State Technological University of Engineering. The main function of it is to protect and uphold the interests of students who study at the University.

Full-time state-funded students can apply for a range of scholarships given by the Bryansk State Technological University of Engineering, Bryansk regional Duma, administration of Bryansk and Bryansk region, Academic Council of the University, etc.

Graduates of the Bryansk State Technological University of Engineering are proud of their diplomas and use the multifold opportunities that are opened up for them.



EDUCATIONAL PROGRAMS

Name of program	Education level	Entrance Exams	Form of study
Forestry (p. 29)	Bachelor's Degree	Russian language, Mathematics, Biology	Full-time Part-time
Landscape Architecture (p. 31)	Bachelor's Degree		Full-time
Computer Science and Engineering (p. 25)	Bachelor's Degree	Russian language, Mathematics, Computer science, Information and Communication Technologies	Full-time
Information Systems and Technologies (p. 27)	Bachelor's Degree		Full-time
Maintenance of Vehicles and Machinery (p. 22)	Bachelor's Degree	Russian language, Mathematics, Physics	Full-time Part-time
Woodworking Technology, Furniture and Interior Design (p. 23)	Bachelor's Degree		Full-time Part-time
Nature Protective Arrangement of Territories (p. 19)	Bachelor's Degree		Full-time
Life Safety in Technosphere (p. 20)	Bachelor's Degree		Full-time

EDUCATIONAL PROGRAMS

Name of program	Education level	Entrance Exams	Form of study
Industrial and Civil Engineering (p. 7)	Bachelor's Degree	Russian language, Mathematics, Physics	Full-time Part-time
Urban Construction and Municipal Services (p. 11)	Bachelor's Degree		Full-time
Production of Building Materials, Products and Structures (p. 13)	Bachelor's Degree		Full-time Part-time
Building Design (p. 9)	Bachelor's Degree		Full-time
Expertise and Real Estate Management (p. 15)	Bachelor's Degree		Full-time
Roads and Airfields (p. 17)	Bachelor's Degree		Full-time Part-time
Economy of Enterprises and Organizations (p. 39)	Bachelor's Degree		Russian language, Mathematics, Social Science
Finance and Credit (p. 37)	Bachelor's Degree	Full-time	
State and Municipal Management (p. 33)	Bachelor's Degree	Full-time	
Management (p. 42)	Bachelor's Degree	Full-time	
Accounting, Analysis and Audit (p. 35)	Bachelor's Degree	Full-time	
Economic Security (p. 44)	Specialist's Degree	Full-time	

INDUSTRIAL AND CIVIL ENGINEERING

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Term of study by correspondence: 5 or 4 (accelerated learning) years

Industrial and civil engineering is one of the oldest and most extensive branches of engineering. It is a professional engineering trend that deals with the design, construction and maintenance of the physical and naturally built environment, including works like roads, bridges, canals, dams, buildings, etc.

Industrial and civil engineering is one of the most diverse professions available. As a civil engineer, you will become involved in a wide range of activities, including planning, designing, constructing, maintaining, improving and managing the physical environment around us. You may help design transport systems, undertake the treatment and restoration of contaminated sites, enhance the energy efficiency of buildings or design and construct iconic structures. Students study a wide range of subjects that deal with all aspects of construction activity.

Areas of graduates' professional activity

Having attained a four year bachelor's degree in industrial and civil engineering, graduate can work as a civil engineer. Graduates find a wide variety of career opportunities in consulting engineering firms; construction and construction management companies; government agencies at the local, regional, and national level; industry, education and private sector.

Graduate is able to do the following jobs:

- to survey a site;
- to write a technical report about the area or a project;
- to plot out a design or plan of a structure, foundation;
- to estimate costs, expenses and ensure economy;

- to maintain or repair a previously build structure;
- to run and manage a private construction firm; etc.

Brief description of the curriculum:

Architecture; theory of structures; design of building structures; strength of materials; elements of building construction; hydraulics; design of concrete structures; soil mechanics and foundation; foundation engineering; building materials; organization and production management; computer aided design and drafting; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Physics.



BUILDING DESIGN

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

This course provides students with the practical skills to prepare drawings, plans and liaise with architects, builders and contractors of residential and industrial buildings. Students will gain skills and knowledge to develop, present and document a range of design solutions for residential, industrial and commercial buildings. They will learn about design, site surveys, construction technology, project administration, digital presentation and commercial working drawings, building materials and 2D and 3D computer aided design (CAD). Bachelors will learn to communicate and work effectively with a variety of stakeholders including regulatory authorities and a wide range of consultants associated with the design, construction and building services. Graduates will contribute to the ongoing development of the building industry and the built environment.

Areas of graduates' professional activity

Graduates may work in a wide range of technical positions including building designer; architectural technologist; BIM/ CAD specialist; domestic and commercial designer/ technical consultant; freelance building designer/ practitioner, etc. They can work in architectural practices and building design offices.

As a building design graduate work focus can include:

- digital presentation and architectural documentation of buildings;
- architectural modelling and animation;
- specialist and technical design areas such as commercial/domestic design and planning;
- retail design and documentation;
- working as part of a technical architectural team to underpin a design team or as part of project management, etc.

Brief description of the curriculum:

Architecture; basics of composition; site surveys; construction technology building drawing; construction materials; theory of structures; design of building structures; strength of materials; elements of building construction; building construction; proportions in architecture; colouristics; free-hand drawing; computer aided design and drafting; architectural CAD; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Physics.



URBAN CONSTRUCTION AND MUNICIPAL SERVICES

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Urban construction and municipal services is a sphere of material production which includes the whole set of means, ways and methods of human activity aimed at solving integrated tasks connected with protection of municipal systems, territory preparation for building, territory improvement, construction of urban objects, operation, construction and reconstruction of buildings and structures.

Areas of graduates' professional activity include the engineering survey, design, construction, operation, evaluation and reconstruction of buildings and structures, engineering and equipment construction of sites and urban areas.

The objects of professional activity of graduates are industrial and civil buildings, waterworks and environmental constructions, heat, ventilation, water supply and sanitation systems, real estate, land, urban areas, etc.

Graduates will possess the following skills and experience:

- normative and legal regulation of urban construction and municipal services;
- bases of planning, engineering accomplishment and reconstruction of cities;
- fundamentals of regional and urban planning;
- bases of engineering design of buildings, structures and municipal services;
- normative and legal regulation in urban construction;
- technical exploitation of engineering constructions, services and elements of engineering accomplishment;
- expertise and audit of investment processes;
- technical exploitation of buildings, structures and engineering services;
- normative and legal regulation in construction and housing and public services;
- economics and management at companies of construction and housing and public utilities spheres; etc.

Areas of graduates' professional activity:

Building companies; design companies; housing committees of cities and districts; repair and construction, resources saving and municipal housing organizations; management companies; etc.

Graduates will be able to perform repair, renovation, operation and maintenance of buildings and residential complexes, construction and maintenance organizations in urban and rural settlements, housing departments, municipalities, unitary enterprises, construction companies, major repairs and reconstruction of buildings and structures.

Brief description of the curriculum:

Theory of structures; building materials; urban engineering services; constructions of urban structures; bases of rural areas reconstruction; fundamentals of building mechanics; urban ecology; site development; constructions in urban engineering structures; technical exploitation of buildings and engineering services; investigation and design of urban engineering services; design of building structures; structural engineering; materials and construction engineering; engineering surveying; structural analysis; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Physics.



PRODUCTION OF BUILDING MATERIALS, PRODUCTS AND STRUCTURES

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Term of study by correspondence: 5 or 4 (accelerated learning) years

The construction field is one of the most rapidly expanding industries today. Employers around the world are actively seeking employees that have earned a Bachelors in Construction degree. This degree prepares students to step into a lifelong career in an engaging and rewarding field. Graduates of this program possess professional knowledge and skills in understanding technologies of production and application of building materials, products and units of various types.

The main objectives of the study program are:

- to train bachelors who will be able to organize and manage the production of building materials, products and units, design building materials production technological lines, carry out quality control of building materials production and conformity evaluation;
- to provide general academic education and general science fields of technology and to develop the ability to apply the obtained knowledge in engineering activities;
- to develop a broad expertise, the ability to critically analyze and creatively solve problems in civil engineering;
- to develop the ability to maintain professional competence through lifelong learning.

Learning outcomes:

- ability to identify, analyze and evaluate the production of building materials, products, units and technologies;
- ability to analyze and evaluate building modernization problems and to plan strategies for their solution;

- ability to collect, interpret and using computer technologies to process and interpret data necessary for construction engineering, building materials and building modernization of technology challenges.

Areas of graduates' professional activity:

Construction companies; companies dealing with the development and production of building materials, products and units; laboratories, centers engaged in investigation and testing of building materials, products and units; companies dealing with design, construction, exploitation of civil and industrial buildings; construction and research laboratories; manufacturing and technological enterprises; organizations of the certification and quality control of materials and structures; state and municipal authorities; etc.

Brief description of the curriculum:

Fundamentals of building mechanics; reinforced concrete and stone constructions; technology of building products and constructions; modern building composites; technology of building materials and products; organization and management in production of building materials; quality control of produced building materials and constructions; engineering graphics; construction materials; architecture of industrial and civil buildings and structures; structural design and analysis of buildings; structural durability and reliability; foundation engineering; steel structures; structural engineering; nanotechnologies; complex building systems engineering; structural reinforcement (building constructions, bases and foundations); automated systems in civil engineering; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Physics.



EXPERTISE AND REAL ESTATE MANAGEMENT

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

This program's focus is placed on giving students an understanding of the value of buildings and properties. Bachelors gain an understanding of valuation, development, management, brokerage, accounting and finance, marketing, leases, tenant relations, communications, contractual agreements, economics and real estate law. Students study creative approaches to exploring financial, legal and economic issues and solutions, as well as investment.

Valuation skills are acquired through instruction in appraisal techniques, portfolio analysis and trends that affect property values. Studies cover administration of residential and commercial properties, senior living and affordable housing. Other topics covered may include theories and practical skills, and how to advise clients on proper investments and marketing strategies.

Graduates will possess the following skills and experience:

- normative and legal regulation of urban construction and municipal services;
- bases of planning, engineering accomplishment and reconstruction of cities;
- bases of engineering design of buildings and municipal engineering services;
- technical exploitation of engineering constructions, services and elements of engineering accomplishment;
- expertise and audit of investment processes;
- technical exploitation of buildings, structures and engineering services;
- real estate management;
- economics and management at companies of construction and housing and public utilities spheres; etc.

Graduates of this program are properly equipped with a solid grasp of the field and have the necessary professional experience to be successful in the industry. This will allow them to enjoy a wide range of job opportunities.

Areas of graduates' professional activity

Graduates may handle financial operations, advise people about investments, negotiate contracts, collect rent, inform owners about rates, and plan and direct the development and purchase or sale of real estate. Careers are available in management and development, land use planning, surveying, real estate investment, property valuation.

The list of prospective employers includes: real estate firms; apartment complexes; public housing; vacation properties; commercial business towers; industrial parks; leasing offices; brokerage offices; mortgage finance companies; real estate insurance companies; etc.

Brief description of the curriculum:

Theory of structures; structural design; urban engineering services; examination and inspection of real estate; real estate transactions and insurance; contracts, purchasing, bidding; risk management; economics; property/ real estate law; architecture of industrial and civil buildings and structures; property valuation and analysis; development and management of property; market research; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Physics.



ROADS AND AIRFIELDS

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Term of study by correspondence: 5 or 4 (accelerated learning) years

Modern roads and airfields are not simply earth covered with pavement. They are a combination of complex engineering constructions. Bachelors of preparation of this profile will be able to solve problems in the design, construction, operation and maintenance of roads and airfields, expect dynamic loads from traffic, explore the impact of external factors on the structure of the pavement, design and construct bridges, overpasses, interchanges, taking into account social and economic importance of the designed objects and their operational safety.

Graduates will possess the following skills and experience:

- economic-engineering surveying for roads and airfields;
- geodesic-engineering surveying for roads and airfields and for their individual structural elements;
- hydrological examination of grounds of alignments of roads and territories;
- engineering surveying for quarries of building materials and grounds;
- design of pavements for roads and airfields;
- development of projects of organization of works for constructing, reconstructing, repair and usage of roads and airfields and their elements;
- development of production plans and projects of carrying out works for building and usage of roads and airfields;
- carrying out manufacturing processes of building and reconstruction of automobile roads and airfields;
- carrying out manufacturing-technological processes of fabrication of road-building materials in enterprises of road and airfield building;
- estimation of the state of roads and runways of airfields; etc.

Areas of graduates' professional activity

Graduates can follow careers in organizations related to road and airfield management, construction and public transport companies, local roads administrations, road and airfield design, municipal authorities of road safety and transport management, etc.

Brief description of the curriculum:

Engineering science; soil mechanics; engineering geology; geodesy; hydraulics, hydrology and hydrometrics; strength of materials; theoretical mechanics; descriptive geometry and engineering graphics; road maintenance; road traffic planning and safety; land surveying; traffic engineering; road asset management transportation engineering; pavement design; traffic operations and planning; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Physics.



NATURE PROTECTIVE ARRANGEMENT OF TERRITORIES

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Nature protective arrangement of territories as well as environmental protection and conservation is a subset of environmental science that focuses on solving problems arising from the interaction between humans and environmental systems. Students of this educational program receive necessary knowledge in order to master conceptual terminology and methods of ecology, evaluate the state of territories and natural objects in different eco- and geo-systems of environment, study laws for environment monitoring, get prepared to run ecological tests of different kinds, learn to prevent or act against possible harm for the nature, study the state of water resources, soils, geological environment and relief forms, determine and forecast the state of nature components, provide protection in case of unpredicted situations, perform dividing measures of natural districts, study natural landscape, city systems, learn to put into systems structure and correlation of structure elements in eco- and geo-systems.

Areas of graduates' professional activity

Graduates come to be in great demand in the environmental services market. They take up various positions in environmental services, construction and nature conservation departments; forestry; state nature conservation inspections; state registrar's offices, cadastral services; water resources departments; government agencies; private businesses; consulting firms.

Brief description of the curriculum:

Environmental protection; environmental health and safety; ecology; biology; monitoring and modelling techniques; ecological management; engineering principles of water and wastewater treatment; water resources and irrigation engineering; engineering science; environmental impact assessment; environmental control; complex assessment of territories and forecast of environment changes techniques; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Physics.



LIFE SAFETY IN TECHNOSPHERE

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Technosphere is full of harmful factors adversely affecting human life, natural environment, its flora and fauna. Technospheric hazards derive from industrial facilities and technological dangers, natural disasters and dangers from technical means and devices used by man in his everyday life. Man is able to withstand technospheric hazards only in case of active preventive measures instead of cleaning-up consequences of hazardous impacts on the environment. This is a great challenge to professionals – graduates of the educational program “Life Safety in Technosphere”.

This educational program is aimed at training bachelors in the field of providing safety of a person; formation of a comfortable technosphere for life and activity of a person; minimization of technogenic impact on environment; preservation of life and health of a person due to the use of modern technical means, control methods and forecasting.

Subjects of bachelor’s professional activities of are:

People and dangers connected with human activities; dangers of habitat connected with human activities; dangers of habitat connected with natural hazards; dangerous

technological processes and industries; methods and means of dangers and risk assessment; methods and means of protection of a person and habitat from dangers; ranging of dangers and anthropogenous impact on the environment; survival equipment.

Areas of graduates' professional activity:

Analysis and identification of hazards of modern technological processes and production units; expert examination of industrial safety, stability and environmental friendliness of technologies, technical facilities and projects; development of new tools and means for protection of human life, natural environment, economic entities and technosphere against natural and anthropogenous hazards; management of disaster clean-up operations; control and forecast of anthropogenous impact on the environment; technogenic accidents and catastrophes risks analysis and forecast; management and marketing of industrial safety systems and production safety management systems; industrial risks insurance; etc.

Brief description of the curriculum:

Mechanics; fluid dynamics; thermal physics, electronics and electrical engineering; bio-medical basics of safety; reliability of engineering systems and technogenic dangers; technosphere safety control; security supervision and control; ensuring production safety; labor protection at the enterprise and organization; protecting people in emergency situations; industrial ecology; environmental protection technics; environmental protection management, etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Physics.



MAINTENANCE OF VEHICLES AND MACHINERY

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Term of study by correspondence: 5 or 4 (accelerated learning) years

With the growing population and the advancement in technology, vehicles and machinery are increasing in number as well as they are using more sophisticated technologies. Automotive repair and maintenance industry encompasses services that keep vehicle features and systems running smoothly. Vehicles are made more reliable by repair and maintenance services, prolonging their lifespan and enhancing vehicle performance. Graduates of this educational program are in constant demand by the automotive repair industry to perform the routine check up, reliable operation, repair and maintenance of a wide variety of vehicles and machinery. The target of the program is to provide highly qualified bachelors exploiting motor vehicles and machinery.

Areas of graduates' professional activity:

Enterprises and organizations of transport complex with different legal entities and ownership; car service centres, car producer and dealer centres; engineering design and technological, scientific organizations; transport and maintenance companies; organizations providing motor vehicles technical control; machine-building enterprises; marketing, transport and forwarding services; system of material and technical facilities support, wholesale and retail of motor vehicles, spare parts, components and materials necessary for exploitation.

Brief description of the curriculum:

Mechanism design; technical maintenance of vehicles; physical science; technological process of technical servicing, repairs and diagnostics; technological engineering practices; operational reliability machines and defaults analysis; computer technologies in science and production; wiring; tendencies of motor vehicle constructions development; maintenance; instrumentation and measurement; diagnostic technologies for electronic systems of vehicles; drafting, CAD & CAM; transport law; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Physics.



WOODWORKING TECHNOLOGY, FURNITURE AND INTERIOR DESIGN

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Term of study by correspondence: 5 or 4 (accelerated learning) years

Graduates of this educational program will be equipped with the skills in furniture and interior design and woodworking technologies that are required in modern production environments. They will have basic knowledge in all levels of woodworking technology - from basic industry to final products, including processing of secondary wood raw materials. Among these procedures requested for top executives in specialized firms, they will have knowledge of interior, wooden houses and constructions, furniture design and their production.

Bachelors will understand principles of woodworking machines and automated lines and production of conglomerated substances on wood base and their use in interior and furniture production. They will know principles of wood constructions, including static calculations, furniture and interior designs and project activities. Students will develop knowledge of current manufacturing technologies and can demonstrate a clear understanding of business and work practices with the capability to manufacture quality furniture and wood products and precision in competitive commercial enterprises. They

will learn all the processes involved in the industrial wood processing industry, from product development to planning production processes.

Areas of graduates' professional activity

Graduates come to be in great demand in pre-production and production activities and woodworking industries. They can work both for primary wood processing (storage, grading, wood raw material protection, wood features adjustment, a variety of wood-processing technology) as well as for large-scale production of construction materials: production of veneer sheets, plywood, particle board, fiber board and other materials. At the same time graduates find application in furniture industry and in the production of joinery products and wooden buildings. The production of musical instruments, sports equipment and other products is also included in spectrum of the activities. Graduates are prepared to work in all stages of the woodworking industry, furniture and interior design.

Brief description of the curriculum: wood science; furniture construction; sawmill wood processing; furniture production; wooden constructions; management and organisation of timber processing industry ; glues and paints; furniture design and manufacturing; CAD computer applications; CNC woodprocessing techniques; K3-Cottage, Pro100, ArtCAM; interior equipment; entrepreneurship in wood-processing industry; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Physics.



COMPUTER SCIENCE AND ENGINEERING

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Computing has become vital to all areas of science and technology. It also plays an increasingly important role in commercial and social life. Computer Science and Engineering is the study of theoretical foundations of information and computation and of practical techniques for their implementation and application in computer systems. Computer scientists invent algorithmic processes that create, describe and transform information and formulate suitable abstractions to design and model complex systems.

Computer science and engineering is a dynamic discipline positioned at the crossroads of many fields in mathematics, science and engineering. It brings together theory, abstraction and design of computing devices, programs and systems to solve a variety of problems in just about all areas of human endeavor.

Computer science and engineering encompasses methodology, tools and techniques, and theory of how information is derived, stored, manipulated and communicated. Because of its importance to our world, computer science and engineering is an extremely exciting field of study that continues to grow at a rapid pace.

On completion of the program, students will be able to:

- competently use professional skills and knowledge in the systematic development of complex computer-based systems;
- demonstrate a broad understanding of the computer science discipline;
- apply their skills and knowledge in a professionally responsible manner;
- communicate effectively with other computer scientists and the wider global community using a wide range of communication technologies;
- work professionally as an individual and in a team;
- develop computer-based solutions appropriate to the social, political, international, economic and environmental contexts in which they are applied.

Areas of graduates' professional activity

This program is designed to provide graduates with comprehensive and portable skills that will be of value in any form of employment that involves some contact with computers and networks and requires a high level of literacy in electronic information.

Graduates can work as: analyst programmer; consulting associate; database administrator; desktop analyst; human cognitive and computer scientist; IT manager; IT support technician; intelligence analyst; NET programmer; sales associate; software developer; system analyst / developer; system tester; systems designer; test analyst; Interface design specialist; Web designer/developer, etc.

Brief description of the curriculum:

Computer technologies; computer processing technologies; computer modelling; fundamentals of computing; computer programming; software engineering; computer networks and operating systems; advanced database; data interpretation and analysis; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics, Computer science and Information and Communication Technologies.



INFORMATION SYSTEMS AND TECHNOLOGIES

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

The demand for information systems and professionals in information technologies is constantly growing. Manpower resources move from material production to information area. The educational program «Information systems and technologies» helps students to gain better understanding of principles and techniques involved in the analysis, design, implementation and maintenance of computer systems within a business environment.

The objects of graduates' professional activity are information processes, technologies, systems and networks as well as their tooling backup, hardware, software and orgware; methods and techniques of engineering, adjusting, producing and operating information technologies and systems in different fields: machinery and instrument engineering, science, technology, education, medicine, administration, business, entrepreneurship, commerce, management, bank systems, information system security, production control, telecommunications, mail service, agriculture, forestry, ecology, etc. Enterprises of different types and all kinds of activity in the framework of information society economy are also the objects of professional activity for students.

Bachelors of «Information systems and technologies» are able to:

- analyze and take into account trends and directions of development of information systems and technologies in their professional activities;
- use modern methods and technologies for the design, debugging, production and operation of information systems;
- apply basic and special knowledge in the development and use of modern information technologies;
- carry out pre-project examination and comprehensive analysis of the subject area, to carry out all the necessary stages of the design of information systems for different areas of activity;
- use modern software products and technologies of the leading world producers;

- develop software information systems on modern programming languages;
- use technology for database design and knowledge bases; etc.

Areas of graduates' professional activity

Having attained a four year bachelor's degree, graduate can take the following positions: IT specialist; programmer; system administrator; service technician of computer networks; software engineer; head of IT department and other positions corresponding to their qualifications.

Brief description of the curriculum:

Higher mathematics; physics; computer science and programming; processes and systems modelling; theory of information systems and processes; information technologies; information system instruments; programming technologies; data management; infocommunication systems and networks; fundamentals of MWS; multimedia technologies; expert information systems; engineering graphics; methods and techniques of engineering information systems and technologies; systems for hardware design; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics, Computer science and Information and Communication Technologies.



FORESTRY

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Term of study by correspondence: 5 or 4 (accelerated learning) years

Forests are important not only for the commercial values but also for the ecological and protective functions. The latter benefits of forests are increasingly important under rapid climatic change. Silviculture provides knowledge on economically efficient and sustainable, environmentally-friendly forest management starting from genes and ending at harvesting. The educational program “Forestry” invites students who are interested in making forests a better and more stable resource for both economy and environment. The aim of this program is fundamental knowledge in the field of reproduction and protection of forests. It does not imply narrow specialization for the graduates who can work in production, management or research.

Learning Outcomes

Graduates will know the principles of sustainable forestry and biodiversity conservation; forest tree improvement and conservation of genetic diversity; forest seed management and plant production; afforestation and forest regeneration; forest tending and harvesting; forest resource management; short rotation forestry.

Graduates will be able to evaluate the condition of forest ecosystems and efficiency of forest management methods; make decisions on forest adaptability, sustainability, commercial value improvement under changing environment; choose appropriate forest management methods depending on natural resources, economical, social and ecological needs.

Areas of graduates’ professional activity

Once you graduate, you will be qualified to manage environmentally sound forest ecosystems at national and international level. Graduates gain qualification and experience in forestry providing career opportunities in state and private forest management companies; forest administration; forest management; forest conservation; forest protection and reproduction of forests; monitoring and inventory of forest resources;

cadastral stocktaking; forest development organizations; centers for forest protection; forest seed plots; national parks; environmental agencies, and other institutions connected with forests.

Brief description of the curriculum:

Engineering graphics; geodesy; soil science; plant physiology; biology of birds and animals; forest management; forest taxation; forest pyrology; forest reclamation; forest plantation developing; tree surgery; dendrology; forest enthomology and pathology; reforestation and afforestation; forest inventory; forest planning and management; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Biology.



LANDSCAPE ARCHITECTURE

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Landscape architecture combines the aesthetics of gardening with the elegance of architecture. Providing a unique bridge between the design professions and the environmental sciences, landscape architecture offers creative opportunities to engage in core ecological, cultural and social issues. Degree programs in landscape architecture teach students to design outdoor spaces that are esthetically pleasing, functional and environmentally friendly. Programs focus on topics such as architecture, ecology and design.

Landscape architecture is a true design career. It involves extensive use of data, design media and software, presentation and detailed planning, often including creating or working with architectural features. Landscape architecture, in its technical definition is as demanding as architecture. Students do need to be highly qualified, as well as highly motivated. Landscape contracts can be worth millions, so a bachelor also need to be competitive, and a competent business person.

Landscape architecture is the design of outdoor public areas, landmarks and structures to achieve environmental, social-behavioral or aesthetic outcomes. It involves the systematic investigation of existing social, ecological, and soil conditions and processes in the landscape, and the design of interventions that will produce the desired outcome.

Areas of graduates' professional activity:

Real estate development and construction companies; land development companies; architectural firms; municipal departments of architecture; design organizations; botanical gardens; national and nature parks; ornamental plant nursery gardens; etc.

Common career options include: landscape designer, landscape project manager, landscape consultant, landscape architect supervisor, senior landscape architect. Graduates can run their own landscape architectural practices.

Brief description of the curriculum:

Botany; horticulture; architecture; industrial design; environmental psychology; geography; ecology; ornamental dendrology; soil science; landscape design; construction and maintenance of landscape architecture projects; basic landscape design; site design; landform design and construction; landscape construction; planting design; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Biology.



STATE AND MUNICIPAL MANAGEMENT

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Education and training of new qualified staff in the system of state and municipal management is one of the main directions of Russian Federation staff policy. Considering the difficulty of organization in the system of public authorities and self-administration and also economic, social, ethic and cultural peculiarities of some regions a complex system of qualified staff training in the system of management is needed.

Civil service career is becoming more and more popular. It is less exposed to unpleasant surprises and is rather a stable place to work. It is a work where you need to apply the knowledge of systems of public and municipal administration, economy and law, budget, investment project assessment, as well as state and municipal property management. Also such expert's activities can be connected with rendering public services to people which is much demanded and that is of great significance for the state today. The aim of the program is to train managers for organizational, analytical and project activities at the state and municipal level.

Bachelors of the degree program "State and Municipal Management" will know how to plan individual and cooperative activity; organize work according to purposes, resources and results; organize an efficient control of employees and the whole organization activity; examine and diagnose problems of forecasts, objectives and situations; consult, organize methodical and educational work with employees.

Areas of graduates' professional activity:

Federal government bodies; authorities of the constituent entities of the Russian Federation; local governments; state and municipal authorities; enterprises and budgetary organizations; civil society institutions; political and public organizations; non-profit organizations; international organizations and international government bodies; analytical centers; research and educational organizations and institutions; etc.

Graduates can realize following types of professional activity:

- organizational and administrative;
- informative and methodical;
- communicative;
- project;
- supportive and technologic (performing).

Brief description of the curriculum:

Theory of administration; basics of state and municipal management; state and municipal service; administrative law; civil law; labour law; municipal law; constitutional law; forecast and planning; ethics of state and municipal service; basics of personnel management; social psychology; history of state administration; state financial control; business communications; state and municipal orders administration; PR in authorities; taxes and tax administration; regional administration and territorial planning; innovative management; project management; territorial marketing; management counseling; planning and projecting in organizations; state and municipal finances; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Social Science.



ACCOUNTING, ANALYSIS AND AUDIT

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

The accounting profession is always in demand, whichever of three directions the man chooses: the accountant, the auditor or the analyst. It is not by accident as no enterprise or organization cannot do without the qualified accountant, analyst or auditor. Graduates of the this educational program get fundamental knowledge in the field of accounting, auditing, comprehensive economic analysis of enterprises and organizations. They are prepared for economic estimation, analytical and managerial activities in the field of accountancy, economic analysis, audit, and also international standards of financial statements.

Graduates of the program are able to estimate economic and social-economic indicators of an organization's activities on the basis of standard methods and current regulatory-legal framework; analyze and interpret financial, accounting and other types of information, which is presented in financial reporting of enterprises of different legal forms, organizations, government agencies and to use the obtained information to make managerial decisions.

Graduates will possess the following skills and experience:

- making out of budgets, calculations, business plans;
- calculation and analysis of product cost (works, services);
- financial analysis of the organization (enterprise) activity;
- bank operating activities;
- planning and budgeting of the enterprise financial activity;
- short-term and long-term forecasting of the organization (enterprise) financial activity;
- planning of costs, resource use, expenses and profits of the enterprise;
- registration of payment documents;
- flexibility in communication with taxmen, auditors, suppliers.

Areas of graduates' professional activity:

Finance departments of industrial and trading companies; insurance companies and investment funds; auditing firms; manufacturing enterprises; educational institutions; commercial banks; service industry organizations; auditing and consulting organizations; etc.

Having attained a four year bachelor's degree, graduate can take the following positions: accountant, analyst, auditor, economist, inspector, financial analyst, financial reporting specialist, management accounting specialist, financial manager, cost accountant, planning economist, budget analyst, tax and dues department accountant, tax specialist, etc.

Brief description of the curriculum:

Microeconomics; macroeconomics; statistics; finance; accounting, account analysis and audit; law; economic sociology; psychology; political science; methods of optimal decision-making; money, credit, banks; management; marketing; world economy and international economic relations; macroeconomic planning and forecasting; corporate finance; financial and managerial accounting; financial reporting/statements; accounting operations; finances, money circulation and credit; banking; international standards of accounting and audit; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Social Science.



FINANCE AND CREDIT

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Development of the banking industry and a boom in the sphere of consumer crediting have aroused naturally determined interest to “Finance and Credit” training program, which gives students not only knowledge in the sphere of economy, but also deep understanding of economical processes and the ability to find correct solutions as well. Students will learn how to control corporate finances, to perform a search and find appropriate solutions for disposition of financial assets of a company, to optimize taxation of an enterprise and will comprehend other secrets of the profession.

The educational program “Finance and Credit” is aimed at training economists able to use their knowledge in the sphere of state and corporate finance, banking, taxation, insurance and investment. It provides students with thorough knowledge of profile subjects. This will allow future bachelors learn practical techniques and methods of financial management of enterprises of the real economy and the financial sector, local authorities, insurance funds, know the modern system of taxation and finance, assess the value of property and business, prepare and analyze investment projects, financial condition to diagnose and implement crisis management.

Areas of graduates’ professional activity

The main activities of graduates include managerial and analytical positions in financial sectors of economy, i.e. the positions of managers of economic, financial and planning departments; experts in the field of financial accounting and analysis, budgeting; auditors; specialists in the field of systems of internal financial control, management consulting, banking management, mortgage lending and leasing; experts in the economic, financial, marketing, production, economic, tax and analytical services of organizations in various industries, spheres and forms of ownership; experts in the functioning of the labour market and problems of employment; professionals in credit institutions, insurance companies, financial, treasury and tax authorities; etc.

Brief description of the curriculum:

Microeconomics; macroeconomics; corporate finance; world economy; audit fundamentals; economic analysis; currency, credit, banks, finance, insurance, securities market; financial markets and credit institutions; financial analysis; tax risks in the system of economic security at business entities; financial security and budget risks management; accounting in budgetary organizations; applied corporate finances; corporate budgeting; organization of commercial banks activities; budget policy and budget process; financial innovations; strategic financial management; organisation and methods of tax inspections; taxes on individuals and legal entities; investment analysis; state and municipal finance; banking and insurance; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Social Science.



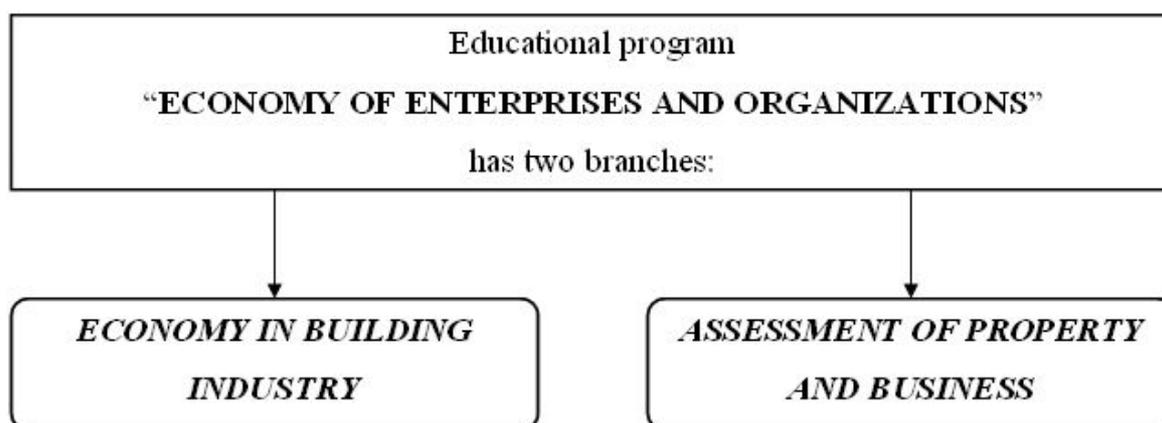
ECONOMY OF ENTERPRISES AND ORGANIZATIONS

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

Term of study by correspondence: 5 or 4 (accelerated learning) years

Nowadays in order to succeed in the market the company has to produce products that meet consumers' interests. There is a need for highly qualified economists who know the features of organizations and enterprise as a whole and the functioning of their individual units in particular, and who can properly organize the work in this direction. Therefore there is a need to train economists of a new level, who deeply understand the theory of the market economy and are able to efficiently put the acquired knowledge into practice at the macro- and micro- level.



The organization of this program results in the unique combination of theoretical knowledge and practical skills connected with functioning of certain branches of economy of Russia and Bryansk region.

Graduates of this program are highly sought in the labor market. Upon completion of the program they will know legal forms of enterprises; have a clear understanding of the interconnection of all processes within the company; have a good sense of theoretical issues of business economics; be able to read and analyze organization's accounting and management reporting; know the methods and techniques of economic analysis, economic and financial planning and forecasting activities of enterprises; be able to control the main economic indicators of the enterprise; acquire skills for company management.

ECONOMY IN BUILDING INDUSTRY

Building industry is the economic sector comprising all companies involved in construction. It is very important for the economic development of any state. Bachelors of this program will gain skills to contribute to this exciting industry, develop technical skills and applied knowledge to ensure that construction projects are delivered to agreed budgets. They will learn to undertake estimating and cost planning and prepare tender documentation. Professional economic knowledge in the investment and building sphere and project management are always in high demand.

Brief description of the curriculum:

Investment analyses; business-planning in building industry; analyses and diagnosis of the financial and economic activities; construction practice; team management; cost planning and advanced estimating techniques; tendering and design management; marketing communications; business organization in building industry; estimation in building construction; logistics; organization, regulation and payment of wages in enterprises; etc.

Areas of graduates' professional activity

Upon the completion of training graduates successfully work as economists; accountants; estimators in building enterprises; property managers in state and municipal organizations, in structures dealing with contract auctions, expert examinations; etc.

ASSESSMENT OF PROPERTY AND BUSINESS

Assessment of property and business is one of the most promising careers because professional estimation is needed in any operation or property transaction. The course of study gives unique knowledge that can be used in any sphere of finance management.

Brief description of the curriculum:

Estimation of property and business; estimation of land plots value; real estate transactions and insurance; estimation of tools, equipment and transport facilities; estimation of real estate; enterprise economy; economics and organization of production; risk management; economics; property/ real estate law; foreign economic activity of

enterprises, business planning; basics of budgeting; accounting and analysis; commercial law; pricing; innovation management; etc.

Areas of graduates' professional activity

Graduates will be in demand in organizations of any ownership type (commercial, noncommercial, state, municipal); estimation and real estate companies; state and municipal services of property management; property stock-taking services; expert services (of customs departments, police); investment and insurance companies; accounting and consulting firms; structures where graduates act as entrepreneurs creating and developing own business; organizations, which solve problems of investment activity; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Social Science.



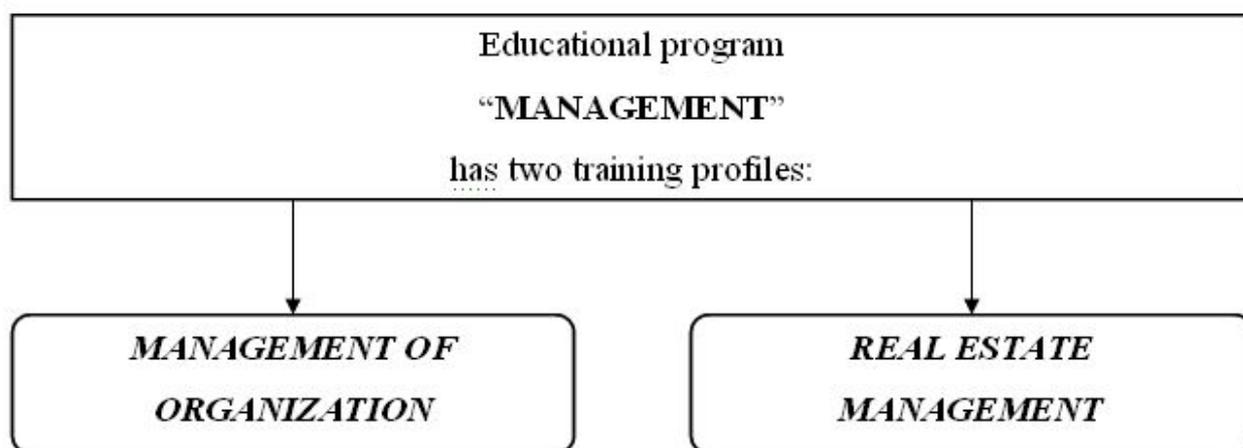
MANAGEMENT

Graduate Qualification: Bachelor

Term of study on the full-time basis: 4 years

This program enables students to develop advanced knowledge and skills in a range of business functions while setting them within the wider context of current business practice. It provides students with a solid foundation in organizational behavior and human resource management and allows graduates to obtain sufficient knowledge and skills needed to assume management positions in a wide range of organizations.

The manager's activity is aimed at ensuring the long-term functioning of enterprises of various organizational and legal forms on the basis of the effective organization of its business processes and high competitiveness of products and services. The educational program «Management» has two training profiles: «Management of Organization» and «Real Estate Management».



MANAGEMENT OF ORGANIZATION

Management of organization is a modern science of management and business organization, combining in itself advanced experience and modern personnel management techniques to form a team of executives, whose daily work involves professional management decisions making. Graduates of the program are to possess knowledge in the sphere of management and to apply it in an organization of any type of ownership.

Brief description of the curriculum:

Management decisions making; organization of management activities; strategic and innovation management; personnel management; crisis management; establishing business communications; ethics of business communication; enterprise economy; marketing management; leadership and ethical management; financial planning and control; strategic management; management of organization dynamics; organization development and change; project management; etc.

Areas of graduates' professional activity:

Enterprises and organizations of various branches of all organizational and legal forms and all forms of ownership; federal, regional and municipal authorities; commercial banks; insurance companies; auditing and consulting firms; investment companies; consulting funds; etc.

REAL ESTATE MANAGEMENT

A bachelor's degree in real estate management gives students basic skills in mortgage lending, development, equity investment and brokerage. Students will learn how to examine various housing markets, financing methods for both residential and commercial properties, as well as trends that can affect property values. They will also spend a fair amount of time focusing on real estate and contract law. The profession of real estate manager is new on the labor market of Russia, but the demand for qualified professionals in this field grows rapidly and outstrips supply. The preparation of bachelors for the organizational-administrative and economic activity in the real estate market is carried out in terms of this field of study.

Brief description of the curriculum:

Valuation of objects; valuation of land properties; real estate economics; operations with real estate; economic valuation of investments; examination and inspection of real estate; real estate transactions and insurance; risk management and insurance of operations in the real estate market.

Areas of graduates' professional activity:

Cadastral chamber, property management and land committees; federal registration and expert services, services and committees of regional and town administration; real estate, valuation, insurance and audit companies; mortgage services of financial and credit institutions (banks)

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Social science.



ECONOMIC SECURITY

Graduate Qualification: Specialist

Term of study on the full-time basis: 5 years

The objective of the program is to train economists, who are able to assess economic risks, develop and implement a comprehensive measures program aimed at minimizing threats to financial, material, informational and human resources of economic entities, provide law and legal order in the economic sphere.

“Economic security” is a new perspective profile, which is developed to prepare highly qualified experts responsible for providing economic security of the state; identification of external and internal threats to Russia's economic security, its regions and industries; calculation of economic and socio - economic indicators characterizing the activity of economic actors; assessment of the financial and economic activities of

organizations. Bachelors in the sphere of ensuring economic security also perform forensic expert activities, economic examination of regulations; provide economic security in business for the achievement of the goal of the company's strategic advantage on domestic and global markets; assess possible financial losses. They ensure justice, prevention and investigation of crimes in the economic sphere.

Areas of graduates' professional activity:

Financial, economic, industrial, analytical departments and economic security services and organizations of all forms of ownership and activities; auditing and insurance companies; law enforcement; information analysis; banks; consulting, investment funds; productive-economic and analytical services of corporations; state and municipal authorities, etc.

Brief description of the curriculum:

Legal maintenance of economic and financial security; economic security; antitrust law; taxes and taxation; accounting; forensic economic expertise; information security in management; economic security of foreign economic activity; economic security of domestic economy; fundamentals of information security; information protection tools and methods; financial law; legal economic expertise; risk assessment; administrative workflow; structured analytic techniques and presentation; budgetary system of the Russian Federation; safety of entrepreneurial activity; etc.

Admission requirements

The admission requirements after general education (grade 11) are successful results of Unified State Exam in the Russian language, Mathematics and Social science.



DEPARTMENT OF PRE-UNIVERSITY TRAINING AND SUPPLEMENTARY PROFESSIONAL EDUCATION

The Department of Pre-university Training and Supplementary Professional Education is a structural subdivision of the Bryansk State Technological University of Engineering. It organizes supplementary educational programs in different forms in accordance with the license.

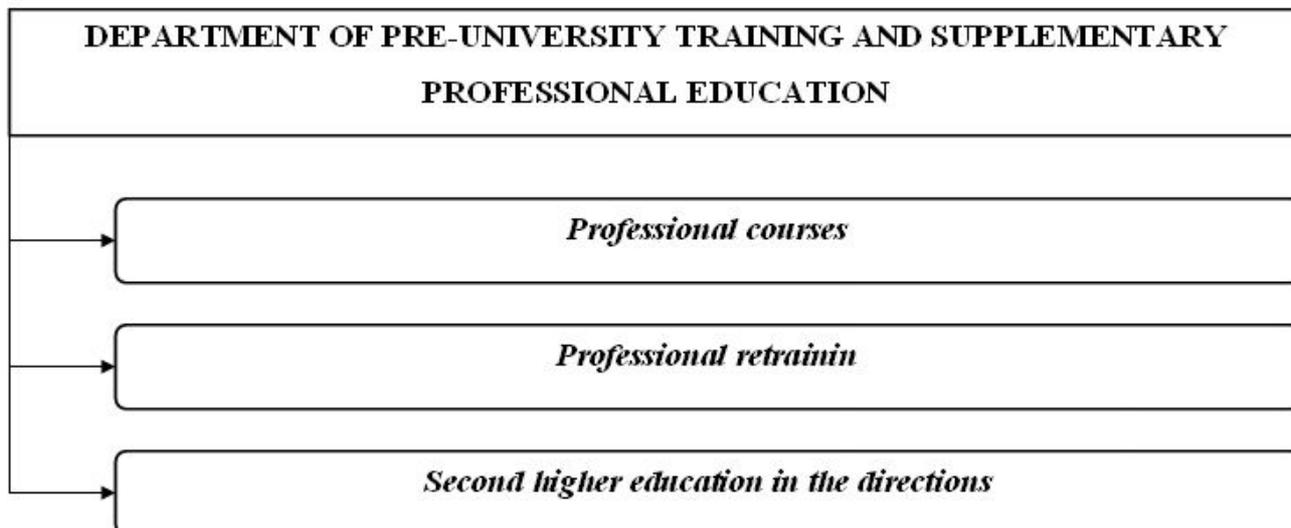
The general activity of the Department of Pre-university Training and Supplementary Professional Education is to provide additional educational services to the main target groups: schoolchildren, university entrants, executives, professionals, employees of different industrial and departmental affiliations, as well as teachers and students of universities.

The educational programs are offered by the:

- Pre-University Training Center.
- Center of Economic and Financial Consulting.
- Center of IT-technologies.
- Center of Builders' Professional Skills Improvement.
- Center of Energy Saving and Life Safety.

The Department of Pre-university Training and Supplementary Professional Education implements such additional educational programs as: professional skills improvement, training and professional retraining.

Training is carried out by highly qualified teaching staff with considerable experience of practical and educational activities in their respective areas of expertise. Training programs for obtaining a second higher education, professional retraining, professional skills improvement and programs of pre-university training are conducted in the Department of Pre-university Training and Supplementary Professional Education.



Professional courses:

- 1C Enterprise.
- AutoCad.
- PC user (different levels of training).
- Phytodesign , floristry.
- Forest protection from fires.
- Pricing and estimate work in the construction industry.
- Conducting energy audits of industrial and civil construction objects and housing and communal services.
- Pre-university training program (preparation for the Unified State Exam in Mathematics, Physics, Biology, Social science and Russian language).
- Program for builders’ professional skills improvement in accordance with the requirements of the self-regulatory organization.
- Design of wood products.
- Customs clearance of woodworking industries’ products.

Professional retraining:

- Valuation of enterprise (business).
- Design and construction of buildings and structures.
- Landscape design.

- Forest hunting.
- Interior design of residential and public buildings.

Second higher education in the directions:

- Construction (industrial and civil engineering, highways and airfields).
- Forestry.
- Economics (economics of enterprises and organizations, finance and credit).
- Management (Real Estate Management).
- Operation of transport and technological machines and systems (car service).
- Technology of timber and woodworking industries. (Woodworking technology, furniture and interior design).

SMALL ENGINEERING ACADEMY

Small Engineering Academy is a unique educational project implemented by the Bryansk State Engineering Technological University for schoolchildren of 9-11 grades. The main objective of the project is to help today's school leavers to get the most complete picture of a particular profession, assess their capabilities and prospects and make the right choice on which depends the realization of personal qualities, future professional demand and as a result, confidence in the future.

It is difficult for today's school leavers and their parents to orientate themselves in the modern variety of universities and educational programs implemented by them. The consequences of a mistake can be very serious. Sometimes within the precincts of the university we can see the frustration of hopes when a student realizes that the chosen profession does not meet his expectations.

On the other hand, an entrant and then a student who knows peculiarities of his future profession and clearly represents his prospects has more incentives for studying and as a consequence he is more likely to get in future an attractive, prestigious and high-paying job.

The following departments exist within the framework of the Small Engineering Academy:

- Forestry (silviculture and landscape architecture);
- Technical (motor-car service, woodworking, design and manufacture of furniture);
- Ecological (industrial ecology);
- Construction (architecture, construction complex, housing and communal services, road-transport sector);
- Economic (sectoral economy).

Educational program of the Small Engineering Academy provides the implementation of educational and scientific works on the selected profile of training. The integrate part of training are excursions to the existing enterprises and preparation of scientific papers under the guidance of highly qualified school teachers and university teaching staff. Classes are held at a convenient for schoolchildren time with the possibility of distance learning. Education in the Small Engineering Academy is free. Non-resident students are provided with dormitories for the whole period of training.

All members of the Small Engineering Academy will undergo career-oriented testing according to the methods of the Center for Testing and Development of Moscow State University, the regional representative of which is the Bryansk State Engineering Technological University.

Schoolchildren who have been trained in the Small Engineering Academy will be given the graduate diploma, which gives them the right to receive benefits when entering the Bryansk State Engineering Technological University.

Small Engineering Academy offers:

- conscious choice of profession, when an entrant knows its specificity and specificity of training;
- preparation for the Unified State Exam in Mathematics, Physics, Biology, Russian language, Social science;
- free career-oriented testing and advice on professional orientation;

- possibility to develop own projects for participation in various competitions on the territory of the Russian Federation;
- benefits when entering the Bryansk State Engineering Technological University.

STUDENT LIFE

Student years are the best special years in your life...!

Dear friend! The Bryansk State Engineering Technological University invites you to become part of our exciting student life! Student life is a unique world, full of hopes and joy, exciting events and fascinating new acquaintances.

Life at the University is not only achieving academic goals, but also enjoying various types of students' activities.

You will be able to realize yourself in science, art, sports, volunteering, social life, etc. You will have the unique opportunity to participate in the public life of the Bryansk State Engineering Technological University, apply and even develop your organizational skills, make life of your group better and more interesting.

Full-time state-funded students can apply for a range of scholarships given by the Bryansk State Engineering Technological University for a certain period of time. There are the following types of scholarships in our university:

- Academic Scholarship (is awarded when examinations are passed in time with good and excellent marks); the minimum size of it is 1875 rubles per month;
- Social Stipend is a scholarship - support for students legally able to receive it who provide the administration with an application and supporting documents (it is paid without taking into account progress in studies); the minimum size of it is 2250 rubles per month;
- Named Scholarship;
- Special Scholarship;
- Increased State Academic Scholarship is intended for students for noteworthy academic, research, social, cultural, creative or athletic achievements; the minimum size of it is 8000 rubles per month;

- Scholarship to Needy Students of the 1st and 2nd courses, etc.

Each student of our university has the opportunity to receive financial assistance.

In summer you can receive a free voucher to the Black Sea coast. Student holiday is the brightest holiday in the most perfect conditions of residence.

Student campus houses 4 dormitories that provide accommodations for all non-resident students. The location of dormitories close to the university building contributes to the organization of student leisure time. There is a canteen and a stadium on the territory of the student campus.

To keep the studies and active social life in balance, the University provides many opportunities for sports and leisure. Students of the Bryansk State Engineering Technological University have easy access to participation in a wide range of sport activities including volleyball, basketball, football, table tennis, light athletics, chess, skiing, polyathlon, powerlifting, aerobics, etc. Students can attend the University's sports hall with a full range of exercise equipment and professional trainers.

Student Club "Tonus" is the center of amateur art creativity of students. Its mission is to support talented youth and help with their further creative development. It aims to meet the needs of students in the creative and cultural development through participation in various kinds of amateur art activities.

An inter-university project "Profcom Discount" functions on the territory of our university. Students of the Bryansk State Engineering Technological University receive a unique designer discount card "Profcom Discount" that allows them to buy goods or services at a reduced price in more than 50 organizations of Bryansk.

The university has its own information service, student newspaper «University News», its own channel on YouTube, groups in "VKontakte" due to which you will never be without the information you need and will always be at the center of all the events taking place in our university.

The University provides students with the opportunity to develop their artistic, creative and intellectual abilities. There are a number of facilities for students, among them are: student theatre of variety miniatures "Kvartal 311", club of the cheerful and

sharp-witted “Where's everyone from”, vocal ensemble “Sunrise”, dance group “Enjoy”. All these organizations are a fun, intellectual and vital part of the University experience. They are chartered to serve the diverse needs and interests of our students. They are avenues for forming friendship, cultural expression and development of skills and talents. For the most active students there is an annual school of student activists.

There is a Student Council at the University. Its main goal is to promote university spirit, leadership among students, and advocacy work on the behalf of its constituency. Students participating in the Council should maintain a high standard of personal conduct and academic excellence for the duration of their term. Running for a position in the Student Council is a great way to make friends and gain leadership experience. To be in student government, you need to be elected. By joining the student council, you're able to influence social students' life of the Bryansk State Engineering Technological University in the whole, share students' ideas, interests and concerns with the University teaching staff and local authorities.

Students' Trade Union Committee is a voluntary organization which brings students together and helps to guide them on their way through the Bryansk State Engineering Technological University. It plans and organizes a wide range of social and artistic events, and contributes to professional development through a variety of information initiatives, in addition to providing an effective cooperation mechanism between students and the University administration.



ENTER OUR UNIVERSITY AND YOUR LIFE WILL BECOME SATURATED, INTERESTING AND INFORMATIVE!



Federal State Budget Educational Institutional of Higher Education

«Bryansk State Technological University of Engineering» (BSTUE)

Address: Russia, 241037, c. Bryansk, Avenue Stanke Dimitrova, 3

Phones (fax): +7 (4832) 74-60-08

Admission Commission: Phones +7 (4832) 64-99-12

Web: <http://www.bgita.ru/>

Valery Alekseevich Egorushkin

Rector of Bryansk State Technological University of Engineering

Mikhail Mikhaylovich Novikov

Head of Department of the International Projects

Bryansk State Technological University of Engineering

Mobile phones: +79307236888

E-mail: m.m.novikov_universe@mail.ru

